

Publikationen

■ Originalarbeiten

1. Aimo A, Januzzi JL Jr, Mueller C, Mirò O, Pascual Figal DA, Jacob J, Herrero-Puente P, Llorens P, Wussler D, Kozhuharov N, Sabti Z, Breidthardt T, Vergaro G, Ripoli A, Prontera C, Saccaro L, Passino C, Emdin M. Admission high-sensitivity troponin T and NT-proBNP for outcome prediction in acute heart failure. **Int J Cardiol.** 2019. Impact Factor 4.034
2. Artunc F, Haag S, Friedrich B, Mueller C, Häring HU, Peter A. Performance of a novel high sensitivity cardiac troponin I assay in asymptomatic hemodialysis patients - evidence for sex-specific differences. **Clin Chem Lab Med.** 2019. Impact Factor 3.638
3. Asatryan B, Ebrahimi R, Strebel I, van Dam PM, Kühne M, Knecht S, Spies F, Abächerli R, Badertscher P, Kozhuharov N, Zeljkovic I, Schaer B, Osswald S, Sticherling C, Reichlin T. Man vs Machine: Performance of Manual vs Automated ECG Analysis for Predicting the Chamber of Origin of Idiopathic Ventricular Arrhythmia. **J Cardiovasc Electrophysiol.** 2019. Impact Factor 2.910
4. Asatryan B, Schaller A, Seiler , Servatius H, Noti F, Baldinger SH, Tanner H, Toren I, Dillier R, Lam A, Haeberlin A, Conte G, Saguner AM, Müller SA, Duru F, Auricchio A, Ammann P, Sticherling C, Burri H, Reichlin T, Wilhelm M, Medeiros-Domingo A. Usefulness of genetic testing in sudden cardiac death survivors with and without previous clinical evidence of heart disease. **Am J Cardiol.** 2019. Impact Factor 2.843
5. Baber, U., Stefanini, G. G., Giustino, G., Stone, G. W., Leon, M. B., Sartori, S., Aquino, M., Steg, G.P., Windecker, S., Wijns, W., Serruys, P.W., Valgimigli, M., Morice, M.C., Camenzind, E., Weisz, G., Smits, P.C., Kandzari, D.E., Von Birgelen, C., Dangas, G.D., Galatius, S., Jeger, R.V., Kimura, T., Mikhail, G.W., Itchhaporia, D., Mehta, L., Ortega, R., Kim, H.S., Kastrati, A., Chieffo, A., Mehran, R. Impact of Diabetes Mellitus in Women Undergoing Percutaneous Coronary Intervention With Drug-Eluting Stents. **Circulation Cardiovascular Interventions.** 2019. Impact Factor 6.088
6. Badertscher P, du Fay de Lavallaz J, Hammerer-Lercher A, Nestelberger T, Zimmermann T, Geiger M, Imahorn O, Mirò Ó, Salgado E, Christ M, Cullen L, Than M, Martin-Sanchez FJ, Di Somma S, Peacock WF, Keller DI, Costabel JP, Walter J, Boeddinghaus J, Twerenbold R, Méndez A, Gospodinov B, Puelacher C, Wussler D, Koechlin L, Kaweck D, Geigy N, Strebel I, Lohrmann J, Kühne M, Reichlin T, Mueller C; BASEL IX Investigators. Prevalence of Pulmonary Embolism in Patients With Syncope. **J Am Coll Cardiol.** 2019. Impact Factor 18.639
7. Badertscher P, Oertli D, Schurr UPF, Pradella M, Kühne M, Sticherling C, Osswald S, Reuthebuch O, Delko T. Surgical repair of an esophageal perforation after radiofrequency catheter ablation for atrial fibrillation. **Ind J Pacing Electrophysiol.** 2019. Impact Factor 0.32
8. Balzer F, Trauzeddel RF, Ertmer M, Erb J, Heringlake M, Groesdonk HV, Goepfert M, Reuter DA, Sander M, Treskatsch S. Utilization of echocardiography in intensive care units: results of an online survey in Germany. **Minerva Anestesiol** 2019. Impact Factor 2.840
9. Bauer A, Klemm M, Rizas KD, Hamm W, von Stülpnagel W, Dommasch M, Steger A, Lubinski A, Flevari P, Harden M, Friede T, Kääb S, Merkely B, Sticherling C, Willems R, Huikuri H, Malik M, Schmidt G, Zabel M, and the EU-CERT-ICD investigators. Prediction of mortality benefit based on periodic repolarization dynamics in patients undergoing prophylactic implantation of a defibrillator: a prospective, controlled, multicenter cohort study. **Lancet.** 2019. Impact Factor 59.102
10. Bavishi C, Chugh Y, Kimura T, Natsuaki M, Kaiser C, Gordon P, Aronow HD, Abbott JD. Biodegradable Polymer Drug-Eluting Stent versus Contemporary Durable Polymer Drug-Eluting Stents in Patients with Diabetes: A Meta-analysis of Randomized Controlled Trials. **Eur Heart J Qual Care Clin Outcomes.** 2019.
11. Becher PM, Twerenbold R, Schrage B, Schmack B, Sinning CR, Fluschnik N, Schwarzl M, Waldeyer C, Seiffert M, Clemmensen P, Neumann JT, Bernhardt AM, Zeymer U, Thiele H, Reichenspurner H, Blankenberg S, Westermann D. Risk prediction of in-hospital mortality in patients with venoarterial extracorporeal membrane oxygenation for cardiopulmonary support: The ECMO-ACCEPTS score. **J Crit Care.** 2019. Impact Factor: 2.78
12. Biasco, L., Radovanovic, D., Moccetti, M., Rickli, H., Roffi, M., Eberli, F., Jeger, R., Moccetti, T., Erne, P., Pedrazzini, G. (2019). New-onset or Pre-existing Atrial Fibrillation in Acute Coronary Syndromes: Two Distinct Phenomena With a Similar Prognosis. **Revista espanola de cardiologia (English ed.)**.2019. Impact Factor 5.078
13. Bjerking LH, Hansen KW, Sørensen R, Prescott E, Biering-Sørensen T, Jeger R, Kaiser C, Pfisterer M, Galatius S. Drug-eluting stents in large coronary vessels improve both safety and efficacy compared with bare-metal stents in women: a pooled analysis of the BASKET-PROVE I and II trials. **Open Heart.** 2019. Impact Factor 2.13
14. Blum S, Aeschbacher S, Meyre P, Zwimpfer L, Reichlin T, Beer JH, Ammann P, Auricchio A, Kobza R, Erne P, Moschovitis G, Di Valentino M, Shah D, Schläpfer J, Henz S, Meyer-Zürn C, Roten L, Schwenkglenks M, Sticherling C, Kühne M, Osswald S, Conen D; Swiss-AF Investigators. Incidence and predictors of atrial fibrillation progression. **J Am Heart Assoc.** 2019. Impact Factor 4.660
15. Body R, Twerenbold R, Austin C, Boeddinghaus J, Almashali M, Nestelberger T, Morris N, Badertscher P, McDowell G, Wildi K, Moss P, Rubini Gimenez M, Jarman H, Bigler N, Einemann R, Koechlin L, Pourmahram G, Todd J, Mueller C, Freemont A. Diagnostic Accuracy of a High-Sensitivity Cardiac Troponin Assay with a Single Serum Test in the Emergency Department. **Clin Chem.** 2019. Impact Factor 8.636
16. Boeddinghaus J, Nestelberger T, Badertscher P, Twerenbold R, Fitze B, Wussler D, Strebel I, Rubini Giménez M, Wildi K, Puelacher C, du Fay de Lavallaz J, Oehen L, Walter J, Mirò Ó, Martin-Sanchez FJ, Morawiec B, Potlukova E, Keller DI, Reichlin T, Mueller C; APACE Investigators. Predicting Acute Myocardial Infarction with a Single Blood Draw. **Clin Chem.** 2019. Impact Factor 8.636
17. Boeddinghaus J, Twerenbold R, Nestelberger T, Koechlin L, Wussler D, Meier M, Troester V, Zimmermann T, Badertscher P, Wildi K, Rubini Giménez M, Lopez-Ayala P, Potlukova E, Mirò Ó, Martin-Sanchez FJ, Kaweck D, Geigy N, Keller DI, Reichlin T, Mueller C; APACE investigators. Clinical Use of a New High-Sensitivity Cardiac Troponin I Assay in Patients with Suspected Myocardial Infarction. **Clin Chem.** 2019. Impact Factor 8.636
18. Boriani G, Fauchier L, Aguinaga L, Beattie JM, Blomstrom Lundqvist C, Cohen A, Dan GA, Genovesi S, Israel C, Joung B, Kalarus Z, Lampert R, Malavasi VL, Mansourati J, Mont L, Potpara T, Thornton A, Lip GYH, Goronek B, Marin F, Dagres N, Ozcan EE, Lenarczyk R, Crijns HJ, Guo Y, Proietti M, Sticherling C, Huang D, Dauber JP, Pokorney SD, Ortega MC, Chin A. European Heart Rhythm Association (EHRA) consensus document on management of arrhythmias and cardiac electronic devices in the critically ill and post-surgery patient, endorsed by Heart Rhythm Society (HRS), Asia Pacific Heart Rhythm Society (APHRS), Cardiac Arrhythmia Society of Southern Africa (CASSA), and Latin American Heart Rhythm Society (LAHRS). **Europace.** 2019. Impact Factor 5.047

19. Breidhardt T, Brunner-Schaub N, Balmelli C, Insenser JJS, Burri-Winkler K, Geigy N, Mundorff L, Exadaktylos A, Scholz J, Haaf P, Hamel C, Frey D, Delport K, Peacock WF, Freese M, DiSomma S, Todd J, Rentsch K, Bingisser R, Mueller C; BASEL VII Investigators. Inflammatory Biomarkers and Clinical Judgment in the Emergency Diagnosis of Urgent Abdominal Pain. **Clin Chem.** 2019. Impact Factor 8.636
20. Brunner FJ, Waldeyer C, Ojeda F, Salomaa V, Kee F, Sans S, Thorand B, Giampaoli S, Brambilla P, Tunstall-Pedoe H, Moitry M, Iacoviello L, Veronesi G, Grassi G, Mathiesen EB, Söderberg S, Linneberg A, Brenner H, Amouyel P, Ferrières J, Tamosiunas A, Nikitin YP, Drygas W, Melander O, Jöckel KH, Leistner DM, Shaw JE, Panagiotakos DB, Simons LA, Kavousi M, Vasani RS, Dullaart RPF, Wannamethee SG, Risérus U, Shea S, de Lemos JA, Omland T, Kuulasmaa K, Landmesser U, Blankenberg S; Multinational Cardiovascular Risk Consortium including Twerenbold R. Application of non-HDL cholesterol for population-based cardiovascular risk stratification: results from the Multinational Cardiovascular Risk Consortium. **Lancet.** 2019. Impact Factor 59.102
21. Cammann VL, Sarcon A, Ding KJ, Seifert B, Kato K, Di Vece D, Szawan KA, Gili S, Jurisic S, Bacchi B, Micek J, Frangieh AH, Napp LC, Jaguszewski M, Bossone E, Citro R, D'Ascenzo F, Franke J, Noutsias M, Knorr M, Heiner S, Burgdorf C, Koenig W, Thiele H, Tschöpe C, Rajan L, Michels G, Pfister R, Cuneo A, Jacobshagen C, Karakas M, Banning A, Cuculi F, Kobza R, Fischer TA, Vasankari T, Airaksinen KEJ, Dworakowski R, Kaiser C, Osswald S, Galiuto L, Dichtl W, Delmas C, Lairez O, Horowitz JD, Kozel M, Widimský P, Tousek P, Winchester DE, Gilyarova E, Shilova A, Gilyarov M, El-Battrawy I, Akin I, Ukena C, Bauersachs J, Pieske BM, Hasenfuß G, Rottbauer W, Braun-Dullaeus RC, Opolski G, MacCarthy P, Felix SB, Borggrefe M, Di Mario C, Crea F, Katus HA, Schunkert H, Münzel T, Böhm M, Bax JJ, Prasad A, Shinbane J, Lüscher TF, Ruschitzka F, Ghadri JR, Templin C. Clinical Features and Outcomes of Patients With Malignancy and Takotsubo Syndrome: Observations From the International Takotsubo Registry. **J Am Heart Assoc.** 2019. Impact Factor 4.660
22. Caobelli F, Braun M, Haaf P, Wild D, Zellweger MJ. Quantitative 99mTc-DPD SPECT/CT in patients with suspected ATTR cardiac amyloidosis: Feasibility and correlation with visual scores. **J Nucl Cardiol.** 2019. Impact Factor 4.112
23. Conan D, Rodondi N, Müller A, Beer JH, Ammann P, Moschovitis G, Auricchio A, Hayoz D, Kobza R, Shah D, Novak J, Schläpfer J, Di Valentino M, Aeschbacher S, Blum S, Meyre P, Sticherling C, Bonati LH, Ehret G, Moutzouri E, Fischer U, Monsch AU, Stippich C, Wuerfel J, Sinnecker T, Coslovsky M, Schwenkglens M, Kühne M, Osswald S for the Swiss AF study investigators. Relationships of Overt and Silent Brain Lesions with Cognitive Function in Patients with Atrial Fibrillation. **J Am Coll Cardiol.** 2019. Impact Factor 18.369
24. Conte G, Belhassen B, Lambiase P, Ciconte G, de Asmundis C, Arbelo E, Schaer B, Frontera A, Burri H, Calo' L, Letsas KP, Leyva F, Porter B, Saenen J, Zacà V, Berne P, Ammann P, Zardini M, Luani B, Rordorf R, Sarquella Brugada G, Medeiros-Domingo A, Geller JC, de Potter T, Stokke MK, Márquez MF, Michowitz Y, Honarbakhsh S, Conti M, Sticherling C, Martino A, Zegard A, Özkartal T, Caputo ML, Regoli F, Braun-Dullaeus RC, Notarangelo F, Moccetti T, Casu G, Rinaldi CA, Levinstein M, Haugaa KH, Derval N, Klersy C, Curti M, Pappone C, Heidbuchel H, Brugada J, Haïssaguerre M, Brugada P, Auricchio A. Out-of-hospital cardiac arrest due to idiopathic ventricular fibrillation in patients with normal electrocardiograms: results from a multicentre long-term registry. **Europace.** 2019. Impact Factor 5.047
25. D'Ascenzo F, Gili S, Bertaina M, Iannaccone M, Cammann VL, Di Vece D, Kato K, Saglietto A, Szawan KA, Frangieh AH, Boffini B, Annaratone M, Sarcon A, Levinson RA, Franke J, Napp LC, Jaguszewski M, Noutsias M, Münzel T, Knorr M, Heiner S, Katus HA, Burgdorf C, Schunkert H, Thiele H, Bauersachs J, Tschöpe C, Pieske BM, Rajan L, Michels G, Pfister R, Cuneo A, Jacobshagen C, Hasenfuß G, Karakas M, Koenig W, Rottbauer W, Said SM, Braun-Dullaeus RC, Banning A, Cuculi F, Kobza R, Fischer TA, Vasankari T, Airaksinen KEJ, Opolski G, Dworakowski R, MacCarthy P, Kaiser C, Osswald S, Galiuto L, Crea F, Dichtl W, Franz WM, Empen K, Felix SB, Delmas C, Lairez O, El-Battrawy I, Akin I, Borggrefe M, Horowitz JD, Kozel M, Tousek P, Widimský P, Gilyarova E, Shilova A, Gilyarov M, Biondi-Zoccai G, Winchester DE, Ukena C, Neuhaus M, Bax JJ, Prasad A, Di Mario C, Böhm M, Gasparini M, Ruschitzka F, Bossone E, Citro R, Rinaldi M, De Ferrari GM, Lüscher T, Ghadri JR, Templin C. Impact of aspirin on takotsubo syndrome: a propensity score-based analysis of the InterTAK Registry. **Eur J Heart Fail.** 2019. Impact Factor 13.965
26. De Backer, O., Dangas, G. D., Jilaihawi, H., Leipsic, J. A., Terkelsen, C. J Makkar, R., Kini, A.S., Veien, K.T., Abdel-Wahab, M., Kim, W.K., Balan, P., Van Mieghem, N., Mathiassen, O.N., Jeger, R.V., Arnold, M., Mehran, R., Guimarães, A.H.C., Nørgaard, B.L., Kofoed, K.F., Blanke, P., Windecker, S., Søndergaard, L., GALILEO-4D Investigators (2019). Reduced Leaflet Motion after Transcatheter Aortic-Valve Replacement. **N Engl J Med.** 2019. Impact Factor 70.670
27. De Keulenaer GW, Feyen E, Dugaucquier L, Shakeri H, Shchendrygina A, Belenkov YN, Brink M, Vermeulen Z and Segers VFM. Mechanisms of the multitasking endothelial protein NRG-1 as a compensatory factor during chronic heart failure. **Circ Heart Fail.** 2019. Impact Factor 6.526
28. De Maria GL, Alkhalil M, Wolfrum M, Fahrni G, Borlotti A, Gaughran L, Dawkins S, Langrish JP, Lucking AJ, Choudhury RP, Porto I, Crea F, Dall'Armellina E, Channon KM, Kharbanda RK, Banning AP. Index of Microcirculatory Resistance as a Tool to Characterize Microvascular Obstruction and to Predict Infarct Size. Regression in Patients With STEMI Undergoing Primary PCI. **JACC Cardiovasc Imaging.** 2019. Impact Factor 10.975
29. Di Vece D, Citro R, Cammann VL, Kato K, Gili S, Szawan KA, Micek J, Jurisic S, Ding KJ, Bacchi B, Schwyzer M, Candreva A, Bossone E, D'Ascenzo F, Sarcon A, Franke J, Napp LC, Jaguszewski M, Noutsias M, Münzel T, Knorr M, Heiner S, Katus HA, Burgdorf C, Schunkert H, Thiele H, Bauersachs J, Tschöpe C, Pieske BM, Rajan L, Michels G, Pfister R, Cuneo A, Jacobshagen C, Hasenfuß G, Karakas M, Koenig W, Rottbauer W, Said SM, Braun-Dullaeus RC, Banning A, Cuculi F, Kobza R, Fischer TA, Vasankari T, Airaksinen KEJ, Opolski G, Dworakowski R, MacCarthy P, Kaiser C, Osswald S, Galiuto L, Crea F, Dichtl W, Empen K, Felix SB, Delmas C, Lairez O, El-Battrawy I, Akin I, Borggrefe M, Gilyarova E, Shilova A, Gilyarov M, Horowitz J, Kozel M, Tousek P, Widimský P, Winchester DE, Ukena C, Di Mario C, Prasad A, Böhm M, Bax JJ, Lüscher TF, Ruschitzka F, Ghadri JR, Templin C. Outcomes Associated With Cardiogenic Shock in Takotsubo Syndrome. **Circulation.** 2019. Impact Factor 19
30. Ding KJ, Cammann VL, Szawan KA, Stähli BE, Wischnowsky M, Di Vece D, Citro R, Jaguszewski M, Seifert B, Sarcon A, Knorr M, Heiner S, Gili S, D'Ascenzo F, Neuhaus M, Napp LC, Franke J, Noutsias M, Burgdorf C, Koenig W, Kherad B, Rajan L, Michels G, Pfister R, Cuneo A, Jacobshagen C, Karakas M, Pott A, Meyer P, Arroja JD, Banning A, Cuculi F, Kobza R, Fischer TA, Vasankari T, Airaksinen KEJ, Paolini C, Bilato C, Carrilho-Ferreira P, Opolski G, Dworakowski R, MacCarthy P, Kaiser C, Osswald S, Galiuto L, Dichtl W, Chan C, Bridgman P, Delmas C, Lairez O, El-Battrawy I, Akin I, Gilyarova E, Shilova A, Gilyarov M, Kozel M, Tousek P, Widimský P, Winchester DE, Galuszka J, Ukena C, Horowitz JD, Di Mario C, Prasad A, Rihal CS, Pinto FJ, Crea F, Borggrefe M, Braun-Dullaeus RC, Rottbauer W, Bauersachs J, Katus HA, Hasenfuß G, Tschöpe C, Pieske BM, Thiele H, Schunkert H, Böhm M, Felix SB, Münzel T, Bax JJ, Lüscher TF, Ruschitzka F, Ghadri JR, Bossone E, Templin C. Intraventricular Thrombus Formation and Embolism in Takotsubo Syndrome: Insights From the International Takotsubo Registry. **Arterioscler Thromb Vasc Biol.** 2019 in Press. Impact Factor 6.618

Publikationen

31. du Fay de Lavallaz J, Badertscher P, Nestelberger T, Flores D, Miró Ò, Salgado E, Geigy N, Christ M, Cullen L, Than M, Martin-Sanchez FJ, Rodriguez-Adrada E, Di Somma S, Peacock WF, Kawecki D, Boeddinghaus J, Twerenbold R, Puelacher C, Wussler D, Strebel I, Keller DI, Poepping I, Kühne M, Reichlin T, Mueller C; BASEL IX Investigators. Circadian, weekly, seasonal, and temperature-dependent patterns of syncope aetiology in patients at increased risk of cardiac syncope. **Europace**. 2019. Impact Factor 5.231
32. du Fay de Lavallaz J, Badertscher P, Nestelberger T, Zimmermann T, Miró Ò, Salgado E, Christ M, Geigy N, Cullen L, Than M, Martin-Sanchez FJ, Di Somma S, Peacock WF, Morawiec B, Walter J, Twerenbold R, Puelacher C, Wussler D, Boeddinghaus J, Koechlin L, Strebel I, Keller DI, Lohrmann J, Michou E, Kühne M, Reichlin T, Mueller C. B-Type Natriuretic Peptides and Cardiac Troponins for Diagnosis and Risk-Stratification of Syncope. **Circulation**. 2019. Impact Factor 23.054
33. du Fay de Lavallaz J, Puelacher C, Lurati Buse G, Bolliger D, Germanier D, Hidvegi R, Walter JE, Twerenbold R, Strebel I, Badertscher P, Szargy L, Lampart A, Espinola J, Kindler C, Hammerer-Lercher A, Thambipillai S, Guerke L, Rentsch K, Buser A, Gualandro D, Jakob M, Mueller C; BASEL-PMI Investigators. Daytime variation of perioperative myocardial injury in non-cardiac surgery and effect on outcome. **Heart**. 2019. Impact Factor 5.082
34. El Tahan MR, Mendoza Vasquez LE, Alston RP, Erdoes G, Schreiber JU, Fassel J, Wilkinson K, Flo Forner A, von Dossow V, Greenhalgh D, Plamondon MJ, Nigro Neto C, Paternoster G, Landoni G; Collaborators, Erb JM, Guarracino F, Mukherjee C, Rosseel P, Howell S, Ender J, Rasmussen BS, Heba A, Antoniou T. Perspectives on the fellowship training in cardiac, thoracic, and vascular anesthesia and critical care in Europe from program directors and educational leads around Europe. **J Cardiothorac Vasc Anesth**. 2019. Impact Factor 1.882
35. Erdoes G, Koster A, Meesters MI, Ortmann E, Bolliger D, Baryshnikova E, Ahmed A, Lance MD, Ravn HB, Ranucci M, von Heymann C, Argawal S. The role of fibrinogen and fibrinogen concentrate in cardiac surgery: an international consensus statement from the Haemostasis and Transfusion Scientific Subcommittee of the European Association of Cardiothoracic Anaesthesiology. **Anaesthesia** 2019. Impact Factor 5.879
36. Evangelou E, Gao H, Chu C, Ntritsos G, Blakeley P, Butts AR, Pazoki R, Suzuki H, Koskeridis F, Yiorkas AM, Karaman I, Elliott J, Luo Q, Aeschbacher S, Bartz TM, Baumeister SE, Braund PS, Brown MR, Brody JA, Clarke TK, Dimou N, Faul JD, Homuth G, Jackson AU, Kentistou KA, Joshi PK, Lemaitre RN, Lind PA, Lyttikainen LP, Mangino M, Milanesechi Y, Nelson CP, Nolte IM, Perala MM, Polasek O, Porteous D, Ratliff SM, Smith JA, Stancakova A, Teumer A, Tuominen S, Theriault S, Vangipurapu J, Whitfield JB, Wood A, Yao J, Yu B, Zhao W, Arking DE, Auvinen J, Liu C, Mannikko M, Risch L, Rotter JI, Snieder H, Veijola J, Blakemore AI, Boehnke M, Campbell H, Conen D, Eriksson JG, Grabe HJ, Guo X, van der Harst P, Hartman CA, Hayward C, Heath AC, Jarvelin MR, Kahonen M, Kardia SLR, Kuhne M, Kuusisto J, Laakso M, Lahti J, Lehtimäki T, McIntosh AM, Mohlke KL, Morrison AC, Martin NG, Oldehinkel AJ, Penninx B, Psaty BM, Raitakari OT, Rudan I, Samani NJ, Scott LJ, Spector TD, Verweij N, Weir DR, Wilson JF, Levy D, Tzoulaki I, Bell JD, Matthews PM, Rothenfluh A, Desrivieres S, Schumann G and Elliott P. New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. **Nat Hum Behav**. 2019. Impact Factor 10.575
37. Ferrari, E., Stortecky, S., Heg, D., Müller, O., Nietlispach, F., Tueller, D., Toggweiler, S., Noble, S., Maisano, F., Roffi, M., Jeger, R., Grünenfelder, J., Huber, C., Windecker, S., Wenaweser, P. The hospital results and 1-year outcomes of transcatheter aortic valve-in-valve procedures and transcatheter aortic valve implantations in the native valves: the results from the Swiss-TAVI Registry. **Eur J Cardiothorac Surg**. 2019. Impact Factor 3.847
38. Ferrari E, Piazza G, Scoglio M, Berdajs D, Tozzi P, Maisano F, Von Segesser LK. Suitability of 3D-Printed Root Models for the Development of Transcatheter Aortic Root Repair Technologies. **ASAIO J**. 2019. Impact Factor 2.494
39. Fladt J, Hofmann L, Coslovsky M, Imhof A, Seiffge DJ, Polymeris A, Thilemann S, Traenka C, Sutter R, Schaer B, Kaufmann BA, Peters N, Bonati LH, Engelter ST, Lyrer PA, De Marchis GM. Fast-track versus long-term hospitalizations for patients with non-disabling acute ischemic stroke. **Eur J Neurol**. 2019. Impact Factor 4.387
40. Frey SM, Sticherling C, Altmann D, Brenner R, Kühne M, Ammann P, Coslovsky M, Osswald S, Schaer B. The Medtronic sprint fidelis® lead history revisited – extended follow-up of passive leads. **Pacing Clin Electrophysiol**. 2019. Impact Factor 1.340
41. Gili S, Cammann VL, Schlossbauer SA, Kato K, D'Ascenzo F, Di Vece D, Jurisic S, Micek J, Obeid S, Bacchi B, Szawan KA, Famos F, Sarcon A, Levinson R, Ding KJ, Seifert B, Lenoir O, Bossone E, Citro R, Franke J, Napp LC, Jaguszewski M, Noutsias M, Münzel T, Knorr M, Heiner S, Katus HA, Burgdorf C, Schunkert H, Thiele H, Bauersachs J, Tschöpe C, Pieske BM, Rajan L, Michels G, Pfister R, Cuneo A, Jacobshagen C, Hasenfuß G, Karakas M, Koenig W, Rottbauer W, Said SM, Braun-Dullaeus RC, Banning A, Cuculi F, Kobza R, Fischer TA, Vasankari T, Airaksinen KEJ, Opolski G, Dworakowski R, MacCarthy P, Kaiser C, Osswald S, Galiuto L, Crea F, Dichtl W, Empen K, Felix SB, Delmas C, Lairez O, El-Battrawy I, Akin I, Borggrefe M, Gilyarova E, Shilova A, Gilyarov M, Horowitz JD, Kozel M, Tousek P, Widimský P, Winchester DE, Ukena C, Gaita F, Di Mario C, Wischnewsky MB, Bax JJ, Prasad A, Böhm M, Ruschitzka F, Lüscher TF, Ghadri JR, Templin C. Cardiac arrest in takotsubo syndrome: results from the InterTAK Registry. **Eur Heart J**. 2019. Impact Factor 24.889
42. Goel, R., Power, D., Tchetché, D., Chandiramani, R., Guedeney, P., Claessen, B. E., Sartori, S., Cao, D., Meneveau, N., Tron, C., Dumonteil, N., Widder, J.D., Hengstenberg, C., Ferrari, M., Violini, R., Stella, P.R., Jeger, R., Anthopoulos, P., Deliargyris, E.N., Mehran, R., Dangas, G. D. Impact of diabetes mellitus on short term vascular complications after TAVR: Results from the BRAVO-3 randomized trial. **International journal of cardiology**. 2019. Impact Factor 3.471
43. Göldi T, Krisai P, Knecht S, Aeschbacher S, Spies F, Zeljkovic I, Kaufmann BA, Schaer B, Conen D, Reichlin T, Osswald S, Sticherling C, Kühne M. Identification and management of atrial thrombi in patients with atrial fibrillation before pulmonary vein isolation. **J Am Coll Cardiol Clin EP**. 2019. Impact Factor 0
44. Gomes CPC, Ágg B, Andova A, Arslan S, Baker A, Barteková M, Beis D, Betsou F, Wettinger SB, Bugarski B, Condorelli G, Silva GJJD, Danilin S, de Gonzalo-Calvo D, Buil A, Carmo-Fonseca M, Enguita FJ, Felekis K, Ferdinandy P, Gyöngyösi M, Hackl M, Karadzovic-Hadziabdic K, Hellemans J, Heymans S, Hlavackova M, Hoydal MA, Jankovic A, Jusic A, Kardassis D, Kerkelä R, Kuster GM, Lakkisto P, Leszek P, Lustrek M, Maegdefessel L, Martelli F, Novella S, O'Brien T, Papanephoyou C, Pedrazzini T, Pinet F, Popescu O, Potočník I, Robinson E, Sasson S, Scholz M, Simionescu M, Stoll M, Varga ZV, Vinciguerra M, Xuereb A, Yilmaz MB, Emanuelli C, Devaux Y, on behalf of the EU-CardioRNA COST Action (CA17129). Catalyzing Transcriptomics Research in Cardiovascular Disease: The CardioRNA COST Action CA17129. **Noncoding RNA**. 2019.
45. Haller PM, Boeddinghaus J, Neumann JT, Sörensen NA, Hartikainen TS, Goßling A, Nestelberger T, Twerenbold R, Lehmachner J, Keller T, Zeller T, Blankenberg S, Mueller C, Westermann D. Performance of the ESC 0/1-h and 0/3-h Algorithm for the Rapid Identification of Myocardial Infarction Without ST-Elevation in Patients With Diabetes. **Diabetes Care**. 2019. Impact Factor 10

46. Hansen KW, Jeger R, Sørensen R, Kaiser C, Pfisterer M, Biering-Sørensen T, Bjerking LH, Galatius S. Do ultrathin strut bare-metal stents with passive coating improve efficacy in large coronary arteries? Insights from the randomized, multicenter BASKET-PROVE trials. **BMC Cardiovasc Disord.** 2019. Impact Factor 1.947
47. Heim P, Morandi C, Brouwer GR, Xu L, Montessuit C and Brink M. Neuregulin-1 triggers GLUT4 translocation and enhances glucose uptake independently of insulin receptor substrate and ErbB3 in neonatal rat cardiomyocytes. **Biochim Biophys Acta Mol Cell Res.** 2019. Impact Factor 4.739
48. Hideo-Kajita A, Garcia-Garcia HM, Haude M, Joner M, Koolen J, Ince H, Abizaid A, Toelg R, Lemos PA, von Birgelen C, Christiansen EH, Wijns W, Neumann FJ, Kaiser C, Eeckhout E, Teik LS, Escaned J, Azizi V, Kuku KO, Ozaki Y, Dan K, Waksman R. First Report of Edge Vascular Response at 12 Months of Magmaris, A Second-Generation Drug-Eluting Resorbable Magnesium Scaffold, Assessed by Grayscale Intravascular Ultrasound, Virtual Histology, and Optical Coherence Tomography. A Biosolve-II Trial Sub-Study. **Cardiovasc Revasc Med.** 2019. Impact Factor 1.47
49. Hillinger P, Strebel I, Abächerli R, Twerenbold R, Wildi K, Bernhard D, Nestelberger T, Boeddinghaus J, Badertscher P, Wussler D, Koechlin L, Zimmermann T, Puelacher C, Rubini Gimenez M, du Fay de Lavallaz J, Walter J, Geigy N, Keller DI, Reichlin T, Mueller C; APACE Investigators. Prospective validation of current quantitative electrocardiographic criteria for ST-elevation myocardial infarction. **Int J Cardiol.** 2019. Impact Factor 4.034
50. Honegger U, Walter JE, Mueller C, Puelacher C, Schaerli N, Twerenbold R, Badertscher P, Boeddinghaus J, Nestelberger T, du Fay de Lavallaz J, Wussler D, Pfister O, Jeger R, Kaiser C, Wild D, Schmidt-Trucksäss A, Reichlin T, Mueller C. Prevalence and determinants of exercise-induced left ventricular dysfunction in patients with coronary artery disease. **Eur J Clin Invest.** 2019. Impact Factor 3
51. Hong N, Lu Y, Hu H, Sun J, Sun K, von Segesser LK, Berdajs D, Chen S, Ferrari E. Self-expanding apical closure device for full-percutaneous closed-chest transapical valve procedures with large-sized introducer sheaths: first study in an animal model. **Interact Cardiovasc Thorac Surg.** 2019. Impact Factor 1.931
52. Hortmann M, Walter JE, Benning L, Follo M, Mayr RM, Honegger U, Robinson S, Stallmann D, Duerschmied D, Twerenbold R, Badertscher P, du Fay de Lavallaz J, Puelacher C, Bode C, Ahrens I, Mueller C. Droplet digital PCR of serum miR-499, miR-21 and miR-208a for the detection of functionally relevant coronary artery disease. **Int J Cardiol.** 2019. Impact Factor 4.034
53. Hunziker, L., Radovanovic, D., Jeger, R., Pedrazzini, G., Cuculi, F., Urban, P., Erne, P., Rickli, H., Pilgrim, T., AMIS Plus Registry Investigators are listed in alphabetic order with the names of the local principal investigators (2019). Twenty-Year Trends in the Incidence and Outcome of Cardiogenic Shock in AMIS Plus Registry. **Circ Cardiovasc Interv.** 2019. Impact Factor 6.060
54. Iglesias JF, Heg D, Roffi M, Tüller D, Lanz J, Rigamonti F, Muller O, Moarof I, Cook S, Weilenmann D, Kaiser C, Cuculi F, Valgimigli M, Jüni P, Windecker S, Pilgrim T. Five-Year Outcomes in Patients With Diabetes Mellitus Treated With Biodegradable Polymer Sirolimus-Eluting Stents Versus Durable Polymer Everolimus-Eluting Stents. **J Am Heart Assoc.** 2019. Impact Factor 4.660
55. Iglesias JF, Heg D, Roffi M, Tüller D, Noble S, Muller O, Moarof I, Cook S, Weilenmann D, Kaiser C, Cuculi F, Häner J, Jüni P, Windecker S, Pilgrim T. Long-Term Effect of Ultrathin-Strut Versus Thin-Strut Drug-Eluting Stents in Patients With Small Vessel Coronary Artery Disease Undergoing Percutaneous Coronary Intervention: A Subgroup Analysis of the BIOSCIENCE Randomized Trial. **Circ Cardiovasc Interv.** 2019. Impact Factor 6.060
56. Iglesias JF, Muller O, Heg D, Roffi M, Kurz DJ, Moarof I, Weilenmann D, Kaiser C, Taponnier M, Stortecky S, Losdat S, Eeckhout E, Valgimigli M, Odutayo A, Zwahlen M, Jüni P, Windecker S, Pilgrim T. Biodegradable polymer sirolimus-eluting stents versus durable polymer everolimus-eluting stents in patients with ST-segment elevation myocardial infarction (BIOSTEMI): a single-blind, prospective, randomised superiority trial. **Lancet.** 2019. Impact Factor 59.102
57. Jilek C, Lewalter T, Pauschinger M, von Scheidt W, Frankenstein L, Pfister O, Hambrecht R, Bruder O, Brachmann J, Hartmann A, Strasser R, Hochadel M, Senges J. Cardioverter-defibrillator does not improve short-term survival among patients with non-ischemic cardiomyopathy and reduced left ventricular ejection fraction. **Clin Res Cardiol.** 2019 in press. Impact Factor 4.907
58. Isu G, Robles Diaz D, Grussenmeyer T, Gaudiello E, Eckstein F, Brink M and Marsano A. Fatty acid-based monolayer culture to promote in vitro neonatal rat cardiomyocyte maturation. **Biochim Biophys Acta Mol Cell Res.** 2019. Impact Factor 4.739
59. Isu G, Morbiducci U, De Nisco G, Kropp C, Marsano A, Deriu MA, Zweigerdt R, Audenino A, Massai D. Modeling methodology for defining a priori the hydrodynamics of a dynamic suspension bioreactor. Application to human induced pluripotent stem cell culture. **J Biomech.** 2019. Impact Factor 2.576
60. Jeger RV, Pfisterer M, Vogt DR, Galatius S, Abildgaard U, Naber C, Alber H, Eberli F, Kurz DJ, Pedrazzini G, Vuillomenet A, Weilenmann D, Rickli H, Hansen KW, Rickenbacher P, Conen D, Müller C, Osswald S, Gilgen N, Kaiser C. Competing risks of major bleeding and thrombotic events with prasugrel-based dual antiplatelet therapy after stent implantation - An observational analysis from BASKET-PROVE II. **PLoS One.** 2019. Impact Factor 2.766
61. Johannes J, Greutmann M, Tobler D, Bouchardy J, Stambach D, Wustmann K, Schwitz F, Schwerzmann M. The impact of trisomy 21 on treatment modalities and outcome in adults with congenital heart disease in Switzerland. **Pulm Circ.** 2019. Impact Factor 2.178
62. Juntilla MJ, Pelli A, Kenttä TV, Friede T, Willems R, Bergau L, Malik M, Vanderberk B, Vos MA, Schmidt G, Merkely B, Lubinski A, Svetlosak M, Braunschweig F, Harden M, Zabel M, Huikkuru HV, Sticherling C; EU-CERT-ICD investigators. Appropriate Shocks and Mortality in Patients With Versus Without Diabetes With Prophylactic Implantable Cardioverter Defibrillators. **Diabetes Care.** 2019. Impact Factor 15.270
63. Jurisic S, Gili S, Cammann VL, Kato K, Szawan KA, D'Ascenzo F, Jaguszewski M, Bossone E, Citro R, Sarcon A, Napp LC, Franke J, Noutsias M, Knorr M, Heiner S, Burgdorf C, Koenig W, Pott A, Kherad B, Rajan L, Michels G, Pfister R, Cuneo A, Jacobshagen C, Karakas M, Meyer P, Arroja JD, Banning A, Cuculi F, Kobza R, Fischer TA, Vasankari T, Airaksinen KEJ, Dworakowski R, Kaiser C, Osswald S, Galiuto L, Dichtl W, Chan C, Bridgman P, Beug D, Delmas C, Lairez O, Kozel M, Tousek P, Winchester DE, Gilyarova E, Shilova A, Gilyarov M, El-Battrawy I, Akin I, Galuszka J, Ukena C, Poglajen G, Paolini C, Bilato C, Carrilho-Ferreira P, Pinto FJ, Opolski G, MacCarthy P, Kobayashi Y, Prasad A, Rihal CS, Widimský P, Horowitz JD, Di Mario C, Crea F, Tschöpe C, Pieske BM, Hasenfuß G, Rottbauer W, Braun-Dullaeus RC, Felix SB, Borggrefe M, Thiele H, Bauersachs J, Katus HA, Schunkert H, Münzel T, Böhm M, Bax JJ, Lüscher TF, Ruschitzka F, Ghadri JR, Templin C. Clinical Predictors and Prognostic Impact of Recovery of Wall Motion Abnormalities in Takotsubo Syndrome: Results From the International Takotsubo Registry. **J Am Heart Assoc.** 2019. Impact Factor 4.660

Publikationen

64. Kalarus Z, Svendsen JH, Capodanno D, Dan GA, De Maria E, Gorenek B, Jędrzejczyk-Patej E, Mazurek M, Podolecki T, Sticherling C, Tfelt-Hansen J, Traykov V, Lip GYH, Fauchier L, Boriani G, Mansourati J, Blomström-Lundqvist C, Mairesse GH, Rubboli A, Deneke T, Dagres N, Steen T, Ahrens I, Kunadian V, Berti S. Cardiac arrhythmias in the emergency settings of acute coronary syndrome and revascularization: an European Heart Rhythm Association (EHRA) consensus document, endorsed by the European Association of Percutaneous Cardiovascular Interventions (EAPCI), and European Acute Cardiovascular Care Association (ACCA). **Europace**. 2019. Impact Factor 5.047
65. Kamenova M, Mueller C, Coslovsky M, Guzman R, Mariani L, Soleman J. Low-dose aspirin and burr-hole drainage of chronic subdural hematoma: study protocol for a randomized controlled study. **Trials**. 2019. Impact Factor 2
66. Kanagala P, Squire IB, Jones DJL, Cao TH, Chan DCS, McCann G, Sandhu JK, Quinn PA, McAdam J, Marsh AM, Davies JE, Struck J, Bergmann A, Sabti Z, Twerenbold R, Herrmann T, Kozhuharov N, Mueller C, Ng LL; GREAT (Global REsearch on Acute Conditions Team) Network. Proenkephalin and prognosis in heart failure with preserved ejection fraction: a GREAT network study. **Clin Res Cardiol**. 2019. Impact Factor 4.907
67. Kleber M, Kozhuharov N, Sabti Z, Glatz B, Isenreich R, Wussler D, Nowak A, Twerenbold R, Badertscher P, Puelacher C, du Fay de Lavallaz J, Nestelberger T, Boeddinghaus J, Wildi K, Flores D, Walter J, Rentsch K, von Eckardstein A, Goudev A, Breidhardt T, Mueller C. Relative hypochromia and mortality in acute heart failure. **Int J Cardiol**. 2019. Impact Factor 4.034
68. Knecht S, Brantner P, Cattin P, Tobler D, Kühne M, Sticherling C. State-of-the-art multimodality approach to assist ablations in complex anatomies – from 3D printing to virtual reality. **Pacing Clin Electrophysiol**. 2019. Impact Factor 1.407
69. Knecht S, Haaf P, Spies F, Madaffari A, Kühne M, Sticherling C. Gadolinium base contrast agent-free magnetic resonance imaging for the assessment of heart anatomy. A feasibility study. **Rev Esp Cardiol**. 2019. Impact Factor 5.087
70. Koechlin L, Boeddinghaus J, Nestelberger T, Wussler D, Walter J, Martin-Sanchez FJ, Geigy N, Keller DI, Twerenbold R, Mueller C; APACE Investigators. Early Diagnosis of Myocardial Infarction in Patients With a History of Coronary Artery Bypass Grafting. **J Am Coll Cardiol**. 2019. Impact Factor 18.369
71. Koechlin L, Macius E, Kaufmann J, Gahl B, Reuthebuch O, Eckstein F, Berdajs DA. Aortic root and ascending aorta dimensions in acute aortic dissection. **Perfusion**. 2019 in press. Impact Factor 0.98
72. Koechlin L, Rrahmani B, Gahl B, Berdajs D, Grapow MTR, Eckstein FS, Reuthebuch O. Microplegia versus Cardioplexol® in Coronary Artery Bypass Surgery with Minimal Extracorporeal Circulation: Comparison of Two Cardioplegia Concepts **Thorac Cardiovasc Surg**. 2019. Impact Factor 5.261
73. Koechlin L, Zenklusen U, Doebele T, Rrahmani B, Gahl B, Berdajs D, Grapow MTR, Eckstein FS, Reuthebuch O. Clinical implementation of a novel myocardial protection pathway in coronary artery bypass surgery with minimal extracorporeal circulation. **Perfusion**. 2019. Impact Factor 0.41
74. Koskinas KC, Windecker S, Pedrazzini G, Mueller C, Cook S, Matter CM, Muller O, Häner J, Gencer B, Crljenica C, Amini P, Deckarm O, Iglesias JF, Råber L, Heg D, Mach F. Evolocumab for Early Reduction of LDL-Cholesterol Levels in Patients with Acute Coronary Syndromes (EVOPACS). **J Am Coll Cardiol**. 2019. Impact Factor 18.369
75. Kozhuharov N, Goudev A, Flores D, Maeder MT, Walter J, Shrestha S, Gualandro DM, de Oliveira Junior MT, Sabti Z, Müller B, Noveanu M, Socrates T, Ziller R, Bayés-Genís A, Sionis A, Simon P, Michou E, Gujer S, Gori T, Wenzel P, Pfister O, Conen D, Kapos I, Kobza R, Rickli H, Breidhardt T, Münzel T, Erne P, Mueller C; GALACTIC Investigators. Effect of a Strategy of Comprehensive Vasodilation vs Usual Care on Mortality and Heart Failure Rehospitalization Among Patients With Acute Heart Failure: The GALACTIC Randomized Clinical Trial. **JAMA**. 2019. Impact Factor 50
76. Kozhuharov N, Sabti Z, Wussler D, Nowak A, Badertscher P, Twerenbold R, Wildi K, Stallone F, Vogt F, Hilti J, Puelacher C, du Fay de Lavallaz J, Shrestha S, Flores D, Nestelberger T, Koechlin L, Boeddinghaus J, Zimmermann T, Walter J, Schumacher C, Rentsch K, von Eckardstein A, Keller DI, Goudev A, Pfister O, Breidhardt T, Mueller C; BASEL V Investigators. Prospective validation of N-terminal pro B-type natriuretic peptide cut-off concentrations for the diagnosis of acute heart failure. **Eur J Heart Fail**. 2019. Impact Factor 13.965
77. Krisai P, Vischer AS, Kilian L, Meienberg A, Mayr M, Burkard T. Accuracy of 24-hour ambulatory blood pressure monitoring by a novel cuffless device in clinical practice. **Heart**. 2019. Impact Factor 5.420
78. Luca A, Pittet A, Buttu A, McCann A, Vesin JM, Pascale P, Le Bloa M, Herrera C, Park CI, Rollin A, Maury P, Roten L, Kühne M, Spies F, Knecht S, Sticherling C, Pruvot E. Severe and uniform bi-atrial remodeling measured by dominant frequency analysis in persistent atrial fibrillation unresponsive to ablation. **J Interv Card Electrophysiol**. 2019. Impact Factor 1.534
79. Madaffari A, Krisai P, Spies F, Knecht S, Schaer B, Kojic D, Kühne M, Sticherling C, Osswald S. Ablation of typical atrial flutter guided by the paced PR interval on the surface ECG: a proof of concept study. **Europace**. 2019. Impact Factor 5.047
80. McCord J, Aurora L, Lindahl B, Giannitsis E, Calle-Muller C, Nowak R, Body R, Christ M, deFilippi CR, Christenson RH, Jacobsen G, Alquezar A, Panteghini M, Melki D, Plebani M, Verschuren F, French J, Bendig G, Weiser S, Mueller C; TRAPID-AMI Investigators. Symptoms Predictive of Acute Myocardial Infarction in the Troponin Era: Analysis From the TRAPID-AMI Study. **Crit Pathw Cardiol**. 2019. Impact Factor 0.67
81. Metra M, Teerlink JR, Cotter G, Davison BA, Felker GM, Filippatos G, Greenberg BH, Pang PS, Ponikowski P, Voors AA, Adams KF, Anker SD, Arias-Mendoza A, Avendaño P, Bacal F, Böhm M, Bortman G, Cleland JGF, Cohen-Solal A, Crespo-Leiro MG, Dorobantu M, Echeverría LE, Ferrari R, Goland S, Goncalvesová E, Goudev A, Køber L, Lema-Osores J, Levy PD, McDonald K, Manga P, Merkely B, Mueller C, Pieske B, Silva-Cardoso J, Špinar J, Squire I, Stępińska J, Van Mieghem W, von Lewinski D, Wikström G, Yilmaz MB, Hagner N, Holbro T, Hua TA, Sabarwal SV, Severin T, Szecsódy P, Gimpelewicz C; RELAX-AHF-2 Committees Investigators. Effect of serelaxin in patients with acute heart failure. **N Eng J Med**. 2019. Impact Factor 79.258
82. Miró Ó, García Sarasola A, Fuenzalida C, Calderón S, Jacob J, Aguirre A, Wu DM, Rizzi MA, Malchair P, Haro A, Herrera S, Gil V, Martín-Sánchez FJ, Llorens P, Herrero Puente P, Bueno H, Dominguez Rodríguez A, Müller CE, Mebazaa A, Chioncel O, Alquézar-Arbé A; ICA-SEMES Research Group. Departments involved during the first episode of acute heart failure and subsequent emergency department revisits and rehospitalisations: an outlook through the NOVICA cohort. **Eur J Heart Fail**. 2019. Impact Factor 10.258

83. Miró Ò, Javaloyes P, Gil V, Martín-Sánchez FJ, Jacob J, Herrero P, Marco-Hernández J, Ríos J, Harjola VP, Torres-Gárate R, Alonso MI, Piñera P, Mecina AB, Escoda R, Müller C, Parissis J, Llorens P; ICA-SEMES Research Group researchers. Comparative Analysis of Short-Term Outcomes of Patients With Heart Failure With a Mid-Range Ejection Fraction After Acute Decompensation. **Am J Cardiol.** 2019. Impact Factor 3.177
84. Miró Ò, Takagi K, Gayat E, Llorens P, Martín-Sánchez FJ, Jacob J, Herrero-Puente P, Gil V, Wussler DN, Richard F, López-Grima ML, Gil C, Garrido JM, Pérez-Durá MJ, Alquézar A, Alonso H, Tost J, Lucas Invernón FJ, Mueller C, Mebazaa A. CORT-AHF Study: Effect on Outcomes of Systemic Corticosteroid Therapy During Early Management Acute Heart Failure. **JACC Heart Fail.** 2019. Impact Factor 7.815
85. Mochizuki M, Della Verde G, Soliman H, Pfister O, Kuster GM. Induction of endothelial differentiation in cardiac progenitor cells under low serum conditions. **J Vis Exp.** 2019. Impact Factor 0.66
86. Morawiec B, Boeddinghaus J, Wussler D, Badertscher P, Koechlin L, Metry F, Twerenbold R, Nestelberger T, Kawecky D, Mueller C; APACE Investigators. Modified HEART Score and High-Sensitivity Cardiac Troponin in Patients With Suspected Acute Myocardial Infarction. **J Am Coll Cardiol.** 2019. Impact Factor 18.369
87. Mork C, Koechlin L, Schaeffer T, Schoemig L, Zenklusen U, Gahl B, Reuthebuch O, Eckstein FS, Grapow MTR. Bretschneider (Custodiol®) and St. Thomas 2 Cardioplegia Solution in Mitral Valve Repair via Anterolateral Right Thoracotomy: A Propensity-Modelled Comparison. **Mediators Inflamm.** 2019. Impact Factor 3.545
88. Mosbahi S, Stak D, Gravestock I, Burgstaller JM, Steurer J, Eckstein F, Ferrari E, Berdajs DA. A systemic review and meta-analysis: Bentall versus David procedure in acute type A aortic dissection. **Eur J Cardiothorac Surg.** 2019. Impact Factor 3.8474
89. Mueller-Hennessen M, Lindahl B, Giannitsis E, Vafaie M, Biener M, Haushofer AC, Seier J, Christ M, Alquézar-Arbé A, deFilippi CR, McCord J, Body R, Panteghini M, Jernberg T, Plebani M, Verschuren F, French JK, Christenson RH, Dinkel C, Katus HA, Mueller C. Combined testing of copeptin and high-sensitivity cardiac troponin T at presentation in comparison to other algorithms for rapid rule-out of acute myocardial infarction. **Int J Cardiol.** 2019. Impact Factor 4.034
90. Mujagic E, Zeindler J, Coslovsky M, Mueller C, du Fay de Lavallaz J, Jeger R, Kaiser C, Gurke L, Wolff T. Perioperative major adverse cardiac events in urgent femoral artery repair after coronary stenting are less common than previously reported. **J Vasc Surg.** 2019. Impact Factor 3.243
91. Muller, O., Fournier, S., Pilgrim, T., Heg, D., Noble, S., Jeger, R., Toggweiler, S., Taramasso, M., Windecker, S., Stortecky, S., SwissTAVI Investigators. Local Versus General Anesthesia for Transcatheter Aortic Valve Replacement: A SwissTAVI Registry Analysis. **JACC. Cardiovascular interventions.** 2019. Impact Factor 9.544
92. Murray PT, Wettersten N, van Veldhuisen DJ, Mueller C, Filippatos G, Nowak R, Hogan C, Kontos MC, Cannon CM, Müller GA, Birkhahn R, Horiuchi Y, Clopton P, Taub P, Vilke GM, Barnett O, McDonald K, Mahon N, Nuñez J, Briguori C, Passino C, Maisel A. Utility of Urine Neutrophil Gelatinase-Associated Lipocalin for Worsening Renal Function during Hospitalization for Acute Heart Failure: Primary Findings of the Urine N-gal Acute Kidney Injury N-gal Evaluation of Symptomatic Heart Failure Study (AKINESIS). **J Card Fail.** 2019. Impact Factor 4
93. Mytsyk M, Isu G, Cerino G, Grapow MTR, Eckstein FS, Marsano A. Paracrine potential of adipose stromal vascular fraction cells to recover hypoxia-induced loss of cardiomyocyte function. **Biotechnol Bioeng.** 2019. Impact Factor 4.260
94. Nazerian P, Mueller C, Vanni S, Soeiro AM, Leidel BA, Cerini G, Lupia E, Palazzo A, Grifoni S, Morello F. Integration of transthoracic focused cardiac ultrasound in the diagnostic algorithm for suspected acute aortic syndromes. **Eur Heart J.** 2019. Impact Factor 24.889
95. Nazerian P, Pivetta E, Veglia S, Cavigli E, Mueller C, de Matos Soeiro A, Leidel BA, Lupia E, Rutigliano C, Wussler D, Grifoni S, Morello F; ADVISED Investigators. Integrated Use of Conventional Chest Radiography Cannot Rule Out Acute Aortic Syndromes in Emergency Department Patients at Low Clinical Probability. **Acad Emerg Med.** 2019. Impact Factor 4
96. Nestelberger T, Boeddinghaus J, Greenslade J, Parsonage WA, Than M, Wussler D, Lopez-Ayala P, Zimmermann T, Meier M, Troester V, Badertscher P, Koechlin L, Wildi K, Anwar M, Freese M, Keller DI, Reichlin T, Twerenbold R, Cullen L, Mueller C; APACE and ADAPT Investigators. Two-Hour Algorithm for Rapid Triage of Suspected Acute Myocardial Infarction Using a High-Sensitivity Cardiac Troponin I Assay. **Clin Chem.** 2019. Impact Factor 8.636
97. Nestelberger T, Boeddinghaus J, Wussler D, Twerenbold R, Badertscher P, Wildi K, Miró Ò, López B, Martín-Sánchez FJ, Muzyk P, Koechlin L, Baumgartner B, Meier M, Troester V, Rubini Giménez M, Puelacher C, du Fay de Lavallaz J, Walter J, Kozuharov N, Zimmermann T, Gualandro DM, Michou E, Potlukova E, Geigy N, Keller DI, Reichlin T, Mueller C; APACE Investigators. Predicting Major Adverse Events in Patients With Acute Myocardial Infarction. **J Am Coll Cardiol.** 2019. Impact Factor 18.369
98. Nestelberger T, Cullen L, Lindahl B, Reichlin T, Greenslade JH, Giannitsis E, Christ M, Morawiec B, Miro O, Martín-Sánchez FJ, Wussler DN, Koechlin L, Twerenbold R, Parsonage W, Boeddinghaus J, Rubini Gimenez M, Puelacher C, Wildi K, Buerge T, Badertscher P, DuFaydeLavallaz J, Strebel I, Croton L, Bendig G, Osswald S, Pickering JW, Than M, Mueller C; APACE, ADAPT and TRAPID-AMI Investigators. Diagnosis of acute myocardial infarction in the presence of left bundle branch block. **Heart.** 2019. Impact Factor 5.082
99. Neumann JT, Twerenbold R, Ojeda F, Sörensen NA, Chapman AR, Shah ASV, Anand A, Boeddinghaus J, Nestelberger T, Badertscher P, Mokhtari A, Pickering JW, Troughton RW, Greenslade J, Parsonage W, Mueller-Hennessen M, Gori T, Jernberg T, Morris N, Liebetrau C, Hamm C, Katus HA, Münzel T, Landmesser U, Salomaa V, Iacoviello L, Ferrario MM, Giampaoli S, Kee F, Thorand B, Peters A, Borchini R, Jørgensen T, Söderberg S, Sans S, Tunstall-Pedoe H, Kuulasmaa K, Renné T, Lackner KJ, Worster A, Body R, Ekelund U, Kavsak PA, Keller T, Lindahl B, Wild P, Giannitsis E, Than M, Cullen LA, Mills NL, Mueller C, Zeller T, Westermann D, Blankenbreg S. Application of high-sensitivity troponin in suspected myocardial infarction. **N Eng J Med.** 2019. Impact Factor 79.258
100. Normand C, Linde C, Bogale N, Blomström-Lundqvist C, Auricchio A, Stellbrink C, Witte KK, Mullens W, Sticherling C, Marinskis G, Sciaraffia E, Papiashvili G, Iovlev S, Dickstein K. Cardiac resynchronization therapy pacemaker or cardiac resynchronization therapy defibrillator: what determines the choice?- findings from the ESC CRT survey II. **Europace.** 2019. Impact Factor 5.047
101. Nowak A, Angelillo-Scherrer A, Betticher D, Dickenmann M, Guessous I, Juillerat P, Korte W, Neuner-Jehle S, Pfister O, Surbek D, Battagay E, Steurer J. Swiss Delphi study on iron deficiency. **Swiss Med Wkly.** 2019. Impact Factor 1.821

Publikationen

102. Piccolo R, Bona KH, Efthimiou O, Varenne O, Baldo A, Urban P, Kaiser C, Remkes W, Räber L, de Belder A, van't Hof AWJ, Stankovic G, Lemos PA, Wilsgaard T, Reifart J, Rodriguez AE, Ribeiro EE, Serruys PWJC, Abizaid A, Sabaté M, Byrne RA, de la Torre Hernandez JM, Wijns W, Jüni P, Windecker S, Valgimigli M; Coronary Stent Trialists' Collaboration. Drug-eluting or bare-metal stents for percutaneous coronary intervention: a systematic review and individual patient data meta-analysis of randomised clinical trials. **Lancet**. 2019. Impact Factor 59.102
103. Possner M, Buechel RR, Vontobel J, Mikulicic F, Gräni C, Benz DC, Clerc OF, Fuchs TA, Tobler D, Stambach D, Greutmann M, Kaufmann PA. Myocardial blood flow and cardiac sympathetic innervation in young adults late after arterial switch operation for transposition of the great arteries. **Int J Cardiol**. 2019 in Press. Impact Factor 3.471
104. Power, D., Schäfer, U., Guedeney, P., Claessen, B. E., Sartori, S., Sorrentino, S., Lefevre, T., Kupatt, C., Tchetché, D., Dumonteil, N., Webb, J.G., Colombo, A., Windecker, S., Ten Berg, J.M., Hildick-Smith, D., Boekstegers, P., Linke, A., Tron, C., Van Belle, E., Asgar, A.W., Jeger, R., Sardella, G., Hink, U., Husser, O., Grube, E., Lechthaler I., Wijngaard, P. Anthopoulos, P., Deliarhyris, E.N., Bernstein, D., Hengstenberg, C., Mehran, R., Dangas, G. D. (2019). Impact of percutaneous closure device type on vascular and bleeding complications after TAVR: A post hoc analysis from the BRAVO-3 randomized trial. *Catheterization and cardiovascular interventions*. Official journal of the Society for Cardiac Angiography & Interventions. 2019. Impact Factor 0.87
105. Pradella M, Sticherling C, Spies F, Reichlin T, Zeljkovic I, Blum S, Haaf P, Stieltjes B, Bremerich J, Osswald S, Kühne M, Knecht S. Burden-based Classification of atrial fibrillation predicts multiple-procedure success of pulmonary vein isolation. *Int J Cardiol*. 2019. Impact Factor 4.034
106. Puelacher C, Gugala M, Adamson PD, Shah A, Chapman AR, Anand A, Sabti Z, Boeddinghaus J, Nestelberger T, Twerenbold R, Wildi K, Badertscher P, Rubini Gimenez M, Shrestha S, Szargy L, Mueller D, Schumacher L, Kozhuharov N, Flores D, du Fay de Lavallaz J, Miro O, Martín-Sánchez FJ, Morawiec B, Fahrni G, Osswald S, Reichlin T, Mills NL, Mueller C. Incidence and outcomes of unstable angina compared with non-ST-elevation myocardial infarction. *Heart*. 2019. Impact Factor 5.420
107. Regoli F, Graf D, Schaer B, Duru F, Ammann P, Naegeli B, Burri H, Zbinden R, Krasniqi N, Fromer M. Arrhythmic episodes in patients implanted with a cardioverter-defibrillator – results from the Prospective Study on Predictive Quality with Preferencing PainFree ATP therapies (4P). **BMC Cardiovasc Disord**. 2019. Impact Factor 2.214
108. Rossello X, Gil V, Escoda R, Jacob J, Aguirre A, Martín-Sánchez FJ, Llorens P, Herrero Puente P, Rizzi M, Raposeiras-Roubín S, Wussler D, Müller CE, Gayat E, Mebazaa A, Miró Ó; ICA-SEMES Research Group. Impact of identifying precipitating factors on 30-day mortality in acute heart failure patients. **Eur Heart J Acute Cardiovasc Care**. 2019. Impact Factor 4
109. Schærli N, Abächerli R, Walter J, Honegger U, Puelacher C, Rinderknecht T, Müller D, Boeddinghaus J, Nestelberger T, Strebel I, Badertscher P, du Fay de Lavallaz J, Twerenbold R, Wussler D, Hofer J, Leber R, Kaiser C, Osswald S, Wild D, Zellweger MJ, Mueller C, Reichlin T. Incremental value of high-frequency QRS analysis for diagnosis and prognosis in suspected exercise-induced myocardial ischaemia. **Eur Heart J Acute Cardiovasc Care**. 2019. Impact Factor 3
110. Senni M, Wachter R, Witte KK, Straburzynska-Migaj E, Belohlavek J, Fonseca C, Mueller C, Lonn E, Chakrabarti A, Bao W, Noe A, Schwende H, Butylin D, Pascual-Figal D; TRANSITION Investigators. Initiation of sacubitril/valsartan shortly after hospitalisation for acutely decompensated heart failure in patients with newly diagnosed (de novo) heart failure: a subgroup analysis of the TRANSITION study. **Eur J Heart Fail**. 2019. Impact Factor 13.965
111. Shahinian JH, Cogliatti L, Gahl B, Berdajs D, Grapow M, Eckstein F, Reuthebuch O. Assessment of compromised parasternal skin perfusion after left internal mammary artery harvesting with a novel laser Doppler imaging. **J Cardiovasc Surg**. 2019. Impact Factor 1.062
112. Simonavičius J, Sanders van-Wijk S, Rickenbacher P, Maeder MT, Pfister O, Kaufmann BA, Pfisterer M, Čelutkienė J, Puronaitė R, Knackstedt C, van Empel V, Brunner-La Rocca HP. Prognostic Significance of Longitudinal Clinical Congestion Pattern in Chronic Heart Failure: Insights From TIME-CHF Trial. **Am J Med**. 2019. Impact Factor 4.760
113. Solomon SD, McMurray JJV, Anand IS, Ge J, Lam CSP, Maggioni AP, Martinez F, Packer M, Pfeffer MA, Pieske B, Redfield MM, Rouleau JL, van Veldhuisen DJ, Zannad F, Zile MR, Desai AS, Claggett B, Jhund PS, Boytsov SA, Comin-Colet J, Cleland J, Düngen HD, Goncalvesova E, Katova T, Kerr Saraiva JF, Lelonek M, Merkely B, Senni M, Shah SJ, Zhou J, Rizkala AR, Gong J, Shi VC, Lefkowitz MP (Pfister O, listed investigator); PARAGON-HF Investigators and Committees. Angiotensin-Neprilysin Inhibition in Heart Failure with Preserved Ejection Fraction. **N Engl J Med**. 2019. Impact Factor 70.670
114. Stortecky, S., Franzone, A., Heg, D., Tueller, D., Noble, S., Pilgrim, T., Jeger, R., Toggweiler, S., Ferrari, E., Nietlispach, F., Taramasso, M., Maisano, F., Grünenfelder, J., Muller, O., Huber, C., Roffi, M., Carrel, T., Wenaweser, P., Windecker, S. Temporal trends in adoption and outcomes of transcatheter aortic valve implantation: a SwissTAVI Registry analysis. **European Heart Journal**. 2019. Impact Factor 24.889
115. Strebel I, Twerenbold R, Wussler D, Boeddinghaus J, Nestelberger T, du Fay de Lavallaz J, Abächerli R, Maechler P, Mannhart D, Kozhuharov N, Rubini Giménez M, Wildi K, Szargy L, Sabti Z, Puelacher C, Badertscher P, Keller DI, Miró Ó, Fuenzalida C, Calderón S, Martín-Sánchez FJ, Iglesias SL, Osswald S, Mueller C, Reichlin T. Incremental diagnostic and prognostic value of the QRS-T angle, a 12-lead ECG marker quantifying heterogeneity of depolarization and repolarization, in patients with suspected non-ST-elevation myocardial infarction. **Int J Cardiol**. 2019. Impact Factor 4.034
116. Than MP, Pickering JW, Sandoval Y, Shah ASV, Tsanas A, Apple FS, Blankenberg S, Cullen L, Mueller C, Neumann JT, Twerenbold R, Westermann D, Beshiri A, Mills NL; MI3 collaborative. Machine Learning to Predict the Likelihood of Acute Myocardial Infarction. **Circulation**. 2019. Impact Factor 19
117. Theuns DAMJ, van Boven N, Schaer BA, Hesselink T, Rivero-Ayerza M, Umans V, Sticherling C, Scholten MF, Verbrugge F, Zijlstra F. Predicting early mortality among implantable cardioverter defibrillator patients treated with cardiac resynchronization therapy. **Journal of Cardiac Failure**. 2019. Impact Factor 3.857
118. Trinh B, Hepprich M, Betz MJ, Burkard T, Cavelti-Weder C, Seelig E, Meienberg F, Kratschmar DV, Beuschlein F, Reincke M, Odermatt A, Hall MN, Donath MY, Swierczynska MM. Treatment of Primary Aldosteronism With mTORC1 Inhibitors. **J Clin Endocrinol Metab**. 2019. Impact Factor 2.793

119. Twerenbold R, Costabel JP, Nestelberger T, Campos R, Wussler D, Arbucci R, Cortes M, Boeddinghaus J, Baumgartner B, Nickel CH, Bingisser R, Badertscher P, Puelacher C, du Fay de Lavallaz J, Wildi K, Rubini Giménez M, Walter J, Meier M, Hafner B, Lopez Ayala P, Lohrmann J, Troester V, Koechlin L, Zimmermann T, Gualandro DM, Reichlin T, Lambardi F, Resi S, Alves de Lima A, Trivi M, Mueller C. Outcome of Applying the ESC 0/1-hour Algorithm in Patients With Suspected Myocardial Infarction. **J Am Coll Cardiol**. 2019. Impact Factor 18.369
120. Vargas KG, Haller PM, Jäger B, Tscharré M, Binder RK, Mueller C, Lindahl B, Huber K. Variations on classification of main types of myocardial infarction: a systematic review and outcome meta-analysis. **Clin Res Cardiol**. 2019. Impact Factor 4.907
121. Vischer AS, Mayr M, Socrates T, Winterhalder C, Leonardi L, Eckstein J, Burkard T. Impact of Single-Occasion American vs. Canadian Office Blood Pressure Measurement Recommendations on Blood Pressure Classification. **Am J Hypertens**. 2019. Impact Factor 2.530
122. Vischer AS, Socrates T, Winterhalder C, Eckstein J, Mayr M, Burkard T. Impact of single-visit American versus European office blood pressure measurement procedure on individual blood pressure classification: a cross-sectional study. **Clin Res Cardiol**. 2019. Impact Factor 4.907
123. Wachter R, Senni M, Belohlavek J, Straburzynska-Migaj E, Witte KK, Kobalava Z, Fonseca C, Goncalvesova E, Cavusoglu Y, Fernandez A, Chaaban S, Bøhmer E, Pouleur AC, Mueller C, Tribouilloy C, Lonn E, A L Buraiki J, Gniot J, Mozheiko M, Lelonek M, Noè A, Schwende H, Bao W, Butylin D, Pascual-Figal D; TRANSITION Investigators. Initiation of sacubitril/valsartan in haemodynamically stabilised heart failure patients in hospital or early after discharge: primary results of the randomised TRANSITION study. **Eur J Heart Fail**. 2019. Impact Factor 13.965
124. Walter J, Nestelberger T, Boeddinghaus J, Twerenbold R, Croton L, Badertscher P, Wildi K, Wussler D, du Fay de Lavallaz J, Mueller C; APACE investigators. Growth differentiation factor-15 and all-cause mortality in patients with suspected myocardial infarction. **Int J Cardiol**. 2019. Impact Factor 4.034
125. Walter J, Tanglay Y, du Fay de Lavallaz J, Strelbel I, Boeddinghaus J, Twerenbold R, Doerflinger S, Puelacher C, Nestelberger T, Wussler D, Amrein M, Badertscher P, Todd J, Rentsch K, Fahrni G, Jeger R, Kaiser C, Reichlin T, Mueller C. Clinical utility of circulating interleukin-6 concentrations in the detection of functionally relevant coronary artery disease. **Int J Cardiol**. 2019. Impact Factor 4.034
126. Waschki B, Alter P, Zeller T, Magnussen C, Neumann JT, Twerenbold R, Sinning C, Herr C, Kahnert K, Fähndrich S, Blankenberg S, Rabe KF, Welte T, Jörres RA, Vogelmeier CF, Bals R, Watz H; German COSYCONET Cohort. High-sensitivity troponin I and all-cause mortality in patients with stable COPD: An analysis of the COSYCONET study. **Eur Respir J**. 2019. Impact Factor 11.807
127. Weber D, Koller M, Theuns D, Yap S, Kühne M, Sticherling C, Reichlin T, Szili-Torok T, Osswald S, Schaefer B. Predicting defibrillator benefit in patients with cardiac resynchronization therapy: A competing risk study. **Heart Rhythm**. 2019. Impact Factor 5.525
128. Wettersten N, Horiuchi Y, van Veldhuisen DJ, Mueller C, Filippatos G, Nowak R, Hogan C, Kontos MC, Cannon CM, Müller GA, Birkhahn R, Taub P, Vilke GM, Barnett O, McDonald K, Mahon N, Nuñez J, Briguori C, Passino C, Murray PT, Maisel A. B-type natriuretic peptide trend predicts clinical significance of worsening renal function in acute heart failure. **Eur J Heart Fail**. 2019. Impact Factor 13.965
129. Wettersten N, Horiuchi Y, van Veldhuisen DJ, Mueller C, Filippatos G, Nowak R, Hogan C, Kontos MC, Cannon CM, Müller GA, Birkhahn R, Taub P, Vilke GM, Barnett O, McDonald K, Mahon N, Nuñez J, Briguori C, Passino C, Maisel A, Murray PT. Short-term prognostic implications of serum and urine neutrophil gelatinase-associated lipocalin in acute heart failure: findings from the AKINESIS study. **Eur J Heart Fail**. 2019. Impact Factor 13.965
130. Wildi K, Boeddinghaus J, Nestelberger T, Twerenbold R, Badertscher P, Wussler D, Giménez MR, Puelacher C, du Fay de Lavallaz J, Dietsche S, Walter J, Kozhuharov N, Morawiec B, Miró O, Javier Martin-Sanchez F, Subramaniam S, Geigy N, Keller DI, Reichlin T, Mueller C; APACE investigators. Comparison of fourteen rule-out strategies for acute myocardial infarction. **Int J Cardiol**. 2019. Impact Factor 4.034
131. Wildi K, Nestelberger T, Wussler D, Boeddinghaus J, Badertscher P, Koechlin L, Duwe P, Rubini Gimenez M, Twerenbold R, Mueller C. Impact of Food and Drug Administration Regulatory Approach on the 0/2-Hour Algorithm for Rapid Triage of Suspected Myocardial Infarction. **Circ Cardiovasc Qual Outcomes**. 2019. Impact Factor 4.378
132. Wischnewsky MB, Candrea A, Bacchi B, Cammann VL, Kato K, Szawan KA, Gili S, D'Ascenzo F, Dichtl W, Citro R, Bossone E, Neuhaus M, Franke J, Sorici-Barb I, Jaguszewski M, Noutsias M, Knorr M, Heiner S, Burgdorf C, Kherad B, Tschöpe C, Sarcon A, Shinbane J, Rajan L, Michels G, Pfister R, Cuneo A, Jacobshagen C, Karakas M, Koenig W, Pott A, Meyer P, Arroja JD, Banning A, Cuculi F, Kobza R, Fischer TA, Vasankari T, Airaksinen KEJ, Napp LC, Budnik M, Dworakowski R, MacCarthy P, Kaiser C, Osswald S, Galiuto L, Chan C, Bridgman P, Beug D, Delmas C, Lairez O, El-Battrawy I, Akin I, Gilyarova E, Shilova A, Gilyarov M, Kozel M, Tousek P, Winchester DE, Galuszka J, Ukena C, Poglajen G, Carrilho-Ferreira P, Hauck C, Paolini C, Bilato C, Prasad A, Rihal CS, Liu K, Schulze PC, Bianco M, Jörg L, Rickli H, Nguyen TH, Kobayashi Y, Böhm M, Maier LS, Pinto FJ, Widimský P, Borggrefe M, Felix SB, Opolski G, Braun-Dullaues RC, Rottbauer W, Hasenfuß G, Pieske BM, Schunkert H, Thiele H, Bauersachs J, Katus HA, Horowitz J, Di Mario C, Münzel T, Crea F, Bax JJ, Lüscher TF, Ruschitzka F, Ghadri JR, Templin C. Prediction of short- and long-term mortality in takotsubo syndrome: the InterTAK Prognostic Score. **Eur J Heart Fail**. 2019. Impact Factor 13.965
133. Witassek F, Springer A, Adam L, Aeschbacher S, Beer JH, Blum S, Bonati L, Conen D, Kobza R, Kühne M, Moschovitis G, Osswald S, Rodondi N, Sticherling C, Szucs T, Schwenkglens M. Determinants of health related quality of life in patients with atrial fibrillation: the role of symptoms, comorbidities and AF type. **PlosOne**. 2019. Impact Factor 2.776
134. Wussler D, Kozhuharov N, Oliveira MT, Bossa A, Sabti Z, Nowak A, Murray K, Fay de Lavallaz JD, Badertscher P, Twerenbold R, Shrestha S, Flores D, Nestelberger T, Walter J, Boeddinghaus J, Zimmermann T, Koechlin L, von Eckardstein A, Breidhardt T, Mueller C. Clinical Utility of Procalcitonin in the Diagnosis of Pneumonia. **Clin Chem**. 2019. Impact Factor 8.636
135. Wussler D, Kozhuharov N, Sabti Z, Walter J, Strelbel I, Scholl L, Miró O, Rossello X, Martín-Sánchez FJ, Pocock SJ, Nowak A, Badertscher P, Twerenbold R, Wildi K, Puelacher C, du Fay de Lavallaz J, Shrestha S, Strauch O, Flores D, Nestelberger T, Boeddinghaus J, Schumacher C, Goudev A, Pfister O, Breidhardt T, Mueller C. External Validation of the MEESI Acute Heart Failure Risk Score: A Cohort Study. **Ann Intern Med**. 2019. Impact Factor 19.384

Publikationen

136. Yang H, Bouma BJ, Dimopoulos K, Khairy P, Ladouceur M, Niwa K, Greutmann M, Schwerzmann M, Egbe A, Scognamiglio G, Budts W, Veldtman G, Opatowsky AR, Broberg CS, Gumbiene L, Meijboom FJ, Rutz T, Post MC, Moe T, Lipczyńska M, Tsai SF, Chakrabarti S, Tobler D, Davidson W, Morissens M, van Dijk A, Buber J, Boucharly J, Skoglund K, Christersson C, Kronvall T, Konings TC, Alonso-Gonzalez R, Mizuno A, Webb G, Laukyte M, Sieswerda GTJ, Shafer K, Aboulhosn J, Mulder BJM. Non-vitamin K antagonist oral anticoagulants (NOACs) for thromboembolic prevention, are they safe in congenital heart disease? Results of a worldwide study. **Int J Cardiol.** 2019 in Press. Impact Factor 3.471
137. Zabel M, Schlögl S, Lubinski A, Svendsen JH, Bauer A, Arbelo E, Brusich S, Conen D, Cygankiewicz I, Dommasch M, Flevari P, Galuszka J, Hansen J, Hasenfuß G, Hatala R, Huikuri HV, Kenttä T, Kucejko T, Haarmann H, Harden M, Iovov S, Kääh S, Kaliska G, Katsimardos A, Kasprzak JD, Qavoq D, Lüthje L, Malik M, Novotný T, Pavlović N, Perge P, Röver C, Schmidt G, Shalганov T, Sriharan R, Svetlosak M, Sallo Z, Szavits-Nossan J, Traykov V, Vandenberg B, Velchev V, Vos MA, Willich SN, Friede T, Willems R, Merkely B, Sticherling C; EU-CERT-ICD Study Investigators. Present criteria for prophylactic ICD implantation: Insights from the EU-CERT-ICD (Comparative Effectiveness Research to Assess the Use of Primary Prophylactic Implantable Cardioverter Defibrillators in EUrope) project. **J Electrocardiol.** 2019. Impact Factor 1.357
138. Zabel M, Sticherling C, Rik Willems, Lubinski A, Bauer A, Bergau L, Braunschweig F, Brugada J, Brusich S, Conen D, Cygankiewicz I, Flevari P, Taborsky M, Hansen J, Hasenfuß G, Hatala R, Huikuri HV, Kääh S, Kaliska G, Kasprzak JD, Lüthje L, Malik M, Novotný T, Pavlović N, Schmidt G, Shalганov T, Sriharan R, Schlögl SC, Szavits-Nossan J, Traykov V, Tuinenburg A, Velchev V, Vos MA, Willich SN, Friede T, Hastrup Svendsen J, Merkely B, for the EU-CERT-ICD Study Investigators. Rationale, Objectives and Design of the EU-CERT-ICD (Comparative Effectiveness Research to Assess the Use of Primary Prophylactic Implantable Cardioverter Defibrillators in EUrope) Prospective Study: Use of an Observational Controlled Study Design to Assess the Comparative Effectiveness of Primary Prophylactic ICD Implantation. **ESC Heart Fail J.** 2019 Impact Factor 3.407
139. Zeljkovic I, Knecht S, Pavlovic N, Celikyrt, Spiess F, Burri S, Mannhart D, Peterhans L, Reichlin T, Schaer B, Osswald S, Sticherling C, Kühne M. High-sensitive cardiac troponin T as a predictor of efficacy and safety after pulmonary vein isolation using focal radiofrequency, multielectrode radiofrequency and cryoballoon ablation catheter. **Open Heart.** 2019. Impact Factor 2.13
140. Zeljkovic I, Knecht S, Spiess F, Reichlin T, Schaer B, Osswald S, Kühne M, Sticherling C. High-sensitivity cardiac Troponin T delta concentration after repeat pulmonary vein isolation. **Biochem Med.** 2019. Impact Factor 2.202
141. Zilberszac, R., Chandiramani, R., Hengstenberg, C., Sartori, S., Cao, D., Chandrasekhar, J., Schafer U., Tchetché, D., Violini, R., Jeger, R., Van Belle, E., BoeksteZabel M, Schlögl S, Lubinski A, Svendsen JH, Bauer A, Arbelo E, Brusich S, Conen D, Cygankiewicz I, Dommasch M, Flevari P, Galuszka J, Hansen J, Hasenfuß G, Hatala R, Huikuri HV, Kenttä T, Kucejko T, Haarmann H, Harden M, Iovov S, Kääh S, Kaliska G, Katsimardos A, Kasprzak JD, Qavoq D, Lüthje L, Malik M, Novotný T, Pavlović N, Perge P, Röver C, Schmidt G, Shalганov T, Sriharan R, Svetlosak M, Sallo Z, Szavits-Nossan J, Traykov V, Vandenberg B, Velchev V, Vos MA, Willich SN, Friede T, Willems R, Merkely B, Sticherling C; EU-CERT-ICD Study Investigators. Present criteria for prophylactic ICD implantation: Insights from the EU-CERT-ICD (Comparative Effectiveness Research gers, P., Hambrecht, R., Tron, C., Dumonteil, N., Linke, A., Ten Berg, J.M., Deliargyris, E.N., Anthopoulos, P., Mehran, R., Dangas, G. Clinical outcomes after TAVR with heparin or bivalirudin as periprocedural anticoagulation in patients with and without peripheral arterial disease: Results from the BRAVO-3 randomized trial. **Catheter Cardiovasc Interv.** 2019. Impact Factor 2.551

▪ Editorials

1. Kühne M, Krisai P, Conen D, Osswald S. The heart-brain connection: further establishing the relationship between atrial fibrillation and dementia? **Eur Heart J.** 2019. Impact Factor 24.889
2. Meyre P, Conen D. Does tooth brushing protect from atrial fibrillation and heart failure? **Eur J Prev Cardiol** 2019. Impact Factor 5.640
3. Michou E, Fahrni G, Mueller C. Quantifying heart failure using natriuretic peptides may help the HEART team in decision-making. **Eur Heart J.** 2019. Impact Factor 24.889
4. Michou E, Gualandro D, Mueller C. It is B-type and not brain natriuretic peptide after all. **Int J Cardiol.** 2019. Impact Factor 4.034
5. Müller C, Twerenbold R, Reichlin T. Early Diagnosis of Myocardial Infarction with Sensitive Cardiac Troponin Assays. **Clin Chem.** 2019. Impact Factor 8.636
6. Müller C. The GREAT research network. **Eur Heart J.** 2019. Impact Factor 24.889

■ Reviews

1. Bauersachs J, König T, van der Meer P, Petrie MC, Hilfiker-Kleiner D, Mbakwem A, Hamdan R, Jackson AM, Forsyth P, de Boer RA, Mueller C, Lyon AR, Lund LH, Piepoli MF, Heymans S, Chioncel O, Anker SD, Ponikowski P, Seferovic PM, Johnson MR, Mebazaa A, Sliwa K. Pathophysiology, diagnosis and management of peripartum cardiomyopathy: a position statement from the Heart Failure Association of the European Society of Cardiology Study Group on peripartum cardiomyopathy. **Eur J Heart Fail.** 2019. Impact Factor 13.965
2. Bolliger D, Buser A, Erb JM. Patient blood management in cardiac surgery. **Curr Anesthesiol Rep.** 2019.
3. Fröhlich L, Meyre P, Aeschbacher S, Blum S, Djokic D, Kühne M, Osswald S, Kaufmann BA, Conen D. Left atrial dimensions and cardiovascular outcomes in patients with and without atrial fibrillation: a systematic review and meta-analysis. **Heart.** 2019. Impact Factor 5.082
4. du Fay de Lavallaz J, Clerc O, Pudenz C, Illigens B, Kühne M. Sex-specific efficacy and safety of cryoballoon versus radiofrequency ablation for atrial fibrillation: A systematic review and meta-analysis. **J Cardiovasc Electrophysiol.** 2019. Impact Factor 2.910
5. Giannitsis E, Mueller C, Katus HA. Skeletal myopathies as a non-cardiac cause of elevations of cardiac troponin concentrations. **Diagnosis (Berl).** 2019. Impact Factor 0.77
6. Gualandro DM, Twerenbold R, Boeddinghaus J, Nestelberger T, Puelacher C, Müller C. Biomarkers in cardio-vascular medicine: towards precision medicine. **Swiss Med Wkly.** 2019. Impact Factor 1.821
7. Jeger RV, Kaiser C, Gilgen N, Coslovsky M, Scheller B. Drug-coated balloons: room for development of BASKET-SMALL 2 - Authors' reply. **Lancet.** 2019. Impact Factor 59.102
8. Kosareva A, Abou-Elkacem L, Chowdhury S, Lindner JR, Kaufmann BA. Seeing the invisible – ultrasound molecular imaging. **Ultrasound in Medicine and Biology.** 2019. Impact Factor 2.205
9. Krisai P, Sticherling C. Catecholaminerge polymorphe ventrikuläre Tachykardie- seltene Funktionsstörung des strukturell gesunden Herzmuskels. **Cardiovasc.** 2019.
10. Kuster GM, Pfister O. Chronic heart failure: advances in pharmacological treatment and future perspectives. **Swiss Med Wkly.** 2019. Impact Factor 1.821
11. Maack C, Eschenhagen T, Hamdani N, Heinzel FR, Lyon AR, Manstein DJ, Metzger J, Papp Z, Tocchetti CG, Yilmaz MB, Anker SD, Balligand JL, Bauersachs J, Brutsaert D, Carrier L, Chlopicki S, Cleland JG, de Boer RA, Dietl A, Fischmeister R, Harjola VP, Heymans S, Hilfiker-Kleiner D, Holzmeister J, de Keulenaer G, Limongelli G, Linke WA, Lund LH, Masip J, Metra M, Mueller C, Pieske B, Ponikowski P, Ristic A, Ruschitzka F, Seferovic PM, Skouri H, Zimmermann WH, Mebazaa A. Treatments targeting inotropy. **Eur Heart J.** 2019. Impact Factor 24.889
12. Menosi Gualandro D, Twerenbold R, Boeddinghaus J, Nestelberger T, Puelacher C, Müller C. Biomarkers in cardiovascular medicine: towards precision medicine. **Swiss Med Wkly.** 2019. Impact Factor 1.821
13. Meyre P, Blum S, Berger S, Aeschbacher S, Schoepfer H, Briel M, Osswald S, Conen D. Risk of Hospital Admissions in Patients With Atrial Fibrillation: A Systematic Review and Meta-analysis. **Can J Cardiol.** 2019. Impact Factor 5.592
14. Mueller C, McDonald K, de Boer RA, Maisel A, Cleland JGF, Kozhuharov N, Coats AJS, Metra M, Mebazaa A, Ruschitzka F, Lainscak M, Filippatos G, Seferovic PM, Meijers WC, Bayes-Genis A, Mueller T, Richards M, Januzzi JL Jr. Heart Failure Association of the European Society of Cardiology practical guidance on the use of natriuretic peptide concentrations. Heart Failure Association of the European Society of Cardiology. **Eur J Heart Fail.** 2019. Impact Factor 13.965
15. Mueller C, Twerenbold R, Reichlin T. Early Diagnosis of Myocardial Infarction with Sensitive Cardiac Troponin Assays. **Clin Chem.** 2019. Impact Factor 8.636
16. Nestelberger T., Jeger, R. Drug-coated Balloons for Small Coronary Vessel Interventions: A Literature Review. **Interventional cardiology.** 2019. Impact Factor 0.25
17. Platz E, Jhund PS, Girerd N, Pivetta E, McMurray JJV, Peacock WF, Masip J, Martin-Sanchez FJ, Miró Ò, Price S, Cullen L, Maisel AS, Vrints C, Cowie MR, DiSomma S, Bueno H, Mebazaa A, Gualandro DM, Tavares M, Metra M, Coats AJS, Ruschitzka F, Seferovic PM, Mueller C; Study Group on Acute Heart Failure of the Acute Cardiovascular Care Association and the Heart Failure Association of the European Society of Cardiology. Expert consensus document: Reporting checklist for quantification of pulmonary congestion by lung ultrasound in heart failure. **Eur J Heart Fail.** 2019. Impact Factor 13.965
18. Schaer B, Buser M, Christen S, Fellay M, Pfaeffli M. Fahreignung und kardiovaskuläre Erkrankungen. **Cardiovascular Medicine.** 2019. Impact Factor 0.85
19. Seferović PM, Polovina M, Bauersachs J, Arad M, Gal TB, Lund LH, Felix SB, Arbustini E, Caforio ALP, Farmakis D, Filippatos GS, Gialafos E, Kanjuh V, Krljanac G, Limongelli G, Linhart A, Lyon AR, Maksimović R, Miličić D, Milinković I, Noutsias M, Oto A, Oto Ó, Pavlović SU, Piepoli MF, Ristić AD, Rosano GMC, Seggewiss H, Ašanin M, Seferović JP, Ruschitzka F, Čelutkienė J, Jaarsma T, Mueller C, Moura B, Hill L, Volterrani M, Lopatin Y, Metra M, Backs J, Mullens W, Chioncel O, de Boer R, Anker S, Rapezzi C, Coats AJS, Tschöpe C. Heart failure in cardiomyopathies: a position paper from the Heart Failure Association of the European Society of Cardiology. **Eur J Heart Fail.** 2019. Impact Factor 13.965
20. Tobler D, Greutmann M. Simple cardiac shunts in adults: atrial septal defects, ventricular septal defects, patent ductus arteriosus. **Heart.** 2020. Impact Factor 5.082

Publikationen

Letter to the Editor

1. Badertscher P, du Fay de Lavallaz J, Müller C ; BASEL IX Investigators. Reply: On the True Prevalence of Pulmonary Embolism in Patients Hospitalized for a First Syncopal Event. **J Am Coll Cardiol.** 2019. Impact Factor 18.369
2. du Fay de Lavallaz J, Badertscher P, Müller C. Response by du Fay de Lavallaz et al to Letter Regarding Article, "B-Type Natriuretic Peptides and Cardiac Troponins for Diagnosis and Risk-Stratification of Syncope". **Circulation.** 2019. Impact Factor 19
3. Frey SM, Sticherling C, Mueller C. Comment to: Reduction in mortality from implantable cardioverter-defibrillators in non-ischaemic cardiomyopathy patients is dependent on the presence of left ventricular scar. **Eur Heart J.** 2019. Impact Factor 24.889
4. Gueckel J, Koechlin L, Zimmermann T, Gualandro DM, Mueller C. Cardiac Troponin in Stable Chest Pain. **J Am Coll Cardiol.** 2019. Impact Factor 18.369
5. Haegle M, Strebel I, Pfister O. Effect of High-Intensity Interval Training in De Novo Heart Transplant Recipients in Scandinavia. **Circulation.** 2019. Impact Factor 19
6. Hafner B, Koechlin L, Mueller C. Letter by Hafner et al Regarding Article, "Safely Identifying Emergency Department Patients With Acute Chest Pain for Early Discharge: HEART Pathway Accelerated Diagnostic Protocol". **Circulation.** 2019. Impact Factor 19
7. Koechlin L, Troester V, Mueller C. Validity of a Novel Point-of-Care Troponin Assay for Single-Test Rule-Out of Acute Myocardial Infarction. **JAMA Cardiol.** 2019. Impact Factor 11.866
8. Madaffari A, Knecht S, Spies F, Schaer B, Kühne M, Sticherling C, Osswald S. Epicardial connection: The Achilles heel of gap mapping after wide antral pulmonary veins isolation. **J Am Coll Cardiol Clin EP.** 2019. Impact Factor 18.639
9. Zimmermann T, du Fay de Lavallaz J, Mueller C. Letter by Zimmermann et al Regarding Article, "Duration of Electrocardiographic Monitoring of Emergency Department Patients With Syncope". **Circulation.** 2019. Impact Factor 19

Case Reports

1. Caobelli F, Zwisler D, Haaf P, Zellweger MJ. 82Rb myocardial perfusion PET/CT after anterior/antero-septal wall myectomy. **J Nucl Cardiol.** 2019. Impact Factor 4.112
2. Krisai P, Knecht S, Sticherling C, Osswald S, Kühne M. Ablation of ventricular tachycardia using coils. **Eur Heart J.** 2019. Impact Factor 24.889
3. Nestelberger T, Lange R, Kühne M, Haaf P. Calcified epicardial fat necrosis causing epicardial constriction. **Eur Heart J.** 2019. Impact Factor 24.889
4. Ratzenböck E, Kühne M, Stalder M. An Inferior STEMI . . . or not? **Dtsch Arztebl Int.** 2019. Impact Factor 4.469
5. Rubini Gimenez M, Gonzalez Jurka L, Zellweger MJ, Haaf P. A case report of a giant hiatal hernia mimicking an ST-elevation myocardial infarction. **Eur Heart J Case Rep.** 2019.
6. Schaeffer T, Mork C, Erb J, Reuthebuch O. Thoracoscopic epicardial left ventricular bipolar lead implantation with the use of automated titanium fasteners (Cor-Knot®). **J Cardiothorac Surg.** 2019. Impact Factor 1.470