

Publikationen Klinik für Neurochirurgie Universitätsspital Basel 2014

Peer reviewed articles

1. Stienen MN, Smoll NR, Battaglia M, Schatlo B, Woernle CM, Fung C, *Röthlisberger M*, Daniel RT, Fathi AR, Fandino J, Hildebrandt G, Schaller K, Bijlenga P, Ahlborn P, Muroi C, Coluccia D, *Soleman J*, Marbacher S, Kerkeni H, Danura H, Schmid N, Winkler K, Bernays R, Keller E, Tok S, Burkhardt JK, Bozinov O, Brugger P, Mondadori C, Bervini D, Kotowski M, Levivier M, Seule MA, Studerus-Germann A, *D. Zumofen*, *L. Mariani*, D. D'alonzo, M. Sailer, C. Zweifel, *R. Guzman*, S. Blsi, A. U. Monsch, A. Raabe, J. Beck, P. Schucht, R. Mri, K. Gutbrod, A. Zweifel-Zehnder, Mv Corniola, C. Chicherio, M. Reinert, D. Valsecchi, D. Kuhlen, L. Sacco. **Intracranial Aneurysm Rupture Is Predicted by Measures of Solar Activity.** World Neurosurgery 2014. Impact factor: 2.878

2. Matthew B Potts, *Daniel W Zumofen*, Eytan Raz, Peter K Nelson, Howard A Riina. **Curing arteriovenous malformations using embolization.** Neurosurgical FOCUS 2014. Impact factor: 2.105

3. O Tanweer, E Raz, A Brunswick, *D Zumofen*, M Shapiro, H A Riina, M Fouladvand, T Becske, P K Nelson. **Cavernous Carotid Aneurysms in the Era of Flow Diversion: A Need to Revisit Treatment Paradigms.** American Journal of Neuroradiology 2014. Impact factor: 3.589

4. *D. Zumofen*, N. Sahasrabudhe, H. Riina, E. Raz, M. Shapiro, T. Becske, P. Nelson. **Temporary Solitaire Stent Scaffolding during Cerebral Aneurysm Coil Embolization.** Journal of Neurological Surgery. Part A: Central European Neurosurgery 2014. Impact factor: 0.608

5. *D. Zumofen*, E. Raz, M. Shapiro, T. Becske, H. Riina, P. Nelson. **Endoluminal Reconstruction of Complex Posterior Cerebral Artery Aneurysms with the Pipeline Embolization Device.** Journal of Neurological Surgery. Part A: Central European Neurosurgery 2014. Impact factor: 0.608

6. *Zumofen D, Potts M, Tanweer O, Riina HA.* **Supersselective Endovascular Embolization as an Adjunct to Safe and Effective Surgical Resection of Cerebral and Spinal Tumors.** Journal of Neurological Surgery. Part A: Central European Neurosurgery 2014. Impact factor: 0.608

7. *Hutter G, von Felten S, Sailer MH, Schulz M, Mariani L.* **Risk factors for postoperative CSF leakage after elective craniotomy and the efficacy of fleece-bound tissue sealing against dural suturing alone: a randomized controlled trial.** J Neurosurg 2014. Impact factor: 3.737

8. *Cordier D, Gerber A, Kluba C, Bauman A, Hutter G, Mindt TL, Mariani L.* **Expression of different neurokinin-1 receptor (NK1R) isoforms in glioblastoma multiforme: potential implications for targeted therapy.** Cancer Biother Radiopharm 2014. Impact factor: 1.778

9. *Hutter G, Benz R, Taub E, Kothbauer KF, Baur M.* **Extensive cervical prevertebral haemorrhage with airway obstruction after low-energy hyperextension injury.** Injury Extra 2014. Impact factor: 0.040

10. *Kamenova M, Hench J, Wehrle-Wieland E, Wasner M-G, Zweifel Ch, Guzman R, Jost G.* **Ein Parasit lähmt die Beine: Echinokokkus im Spinalkanal.** Swiss Medical Forum 2014. Impact factor: -

11. *Nevzati E, Marbacher S, Soleman J, Perrig WN, Diepers M, Khamis A, Fandino J.* **Accuracy of pedicle screw placement in the thoracic and lumbosacral spine using a conventional intraoperative fluoroscopy-guided technique: a national neurosurgical education and training center analysis of 1236 consecutive screws.** World Neurosurg 2014. Impact factor: 2.878

12. Savitz SI, Cramer SC, Wechsler L; Aronowski J, Boltze J, Borlongan C, Case C, Chase T, Chopp M, Carmichael ST, Cramer SC, Duncan P, Finklestein S, Fischkoff S, *Guzman R*, Hess DC, Huang D, Hinson J, Kautz S, Kondziolka D, Mays R, Misra V, Mitsias P, Modo M, Muir K, Savitz SI, Sinden J, Snyder E, Steinberg G, Vahidy F, Wechsler L, Willing A, Wolf S, Yankee E, Yavagal DR. **Stem cells as an emerging paradigm in stroke 3: enhancing the development of clinical trials.** Stroke 2014. Impact factor: 5.723

13. Rosenblum S, Smith TN, Wang N, Chua JY, Westbrook E, Wang K, *Guzman R*. **BDNF Pre-treatment of Human Embryonic-Derived Neural Stem Cells Improves Cell Survival and Functional Recovery after Transplantation in Hypoxic-Ischemic Stroke.** Cell Transplant 2014. Impact factor: 3.127

14. Lartey FM, Ahn GO, Ali R, Rosenblum S, Miao Z, Arksey N, Shen B, Colomer MV, Rafat M, Ajejandra Chen, JW, Palmer T, *Guzman R*, Loo BW, Graves E. **The Relationship Between Serial [18 F]PBR06 PET Imaging of Microglial Activation and Motor Function Following Stroke in Mice.** Mol Imaging Biol 2014. Impact factor: 2.774

15. Choudhri O, Nathan J, Feroze A, Cheshier S, *Guzman R*. **Ventricular Endoscopy in the Pediatric Population: Review of Indications.** Childs Nerv Syst 2014. Impact factor: 1.114

16. Chicha L, Smith TN, Rosenblum S, *Guzman R*. **Stem cells for brain repair in neonatal hypoxia-ischemia.** Childs Nerv Syst 2014. Impact factor: 1.114

17. Meier PM, *Guzman R*, Erb TO. **Endoscopic pediatric neurosurgery: implications for anesthesia.** Pediatric Anesthesia 2014. Impact factor: 1.85

18. Pollo C, Kaelin-Lang A, Oertel MF, Stieglitz L, *Taub E*, Fuhr P, Lozano AM, Raabe A, Schüpbach M. **Directional deep brain stimulation: an intraoperative double-blind pilot study.** Brain 2014. Impact factor: 9.196

19. Zimmermann R, Gschwandtner U, Benz N, Hatz F, Schindler C, *Taub E*, Fuhr P. **Cognitive training in Parkinson disease: cognition-specific vs nonspecific computer training.** Neurology 2014. Impact factor: 8.286

20. Jost GF, Wasner M, *Taub E*, Walti L, *Mariani L*, Trampuz A. **Sonication of catheter tips for improved detection of microorganisms on external ventricular drains and ventriculo-peritoneal shunts.** J Clin Neurosci 2014. Impact factor: 1.378

Book chapters:

1. Forrer F, *Cordier D*. **Radiopeptide Therapy of Brain Tumors: Therapeutic Nuclear Medicine** (Baum R.P., ed.), 199-206, Springer 2014, ISBN 978-3-540-36718-5

2. *Soleman J*, Taussky P, Fandino J, Muroi C. **Evidence-Based Treatment of Chronic Subdural Hematoma.** Traumatic Brain Injury 2014. Dr. Farid Sadaka (Ed.), ISBN: 978-953-51-1222-8, InTech, DOI: 10.5772/57336.