

## Publikationen Klinik für Neurochirurgie Universitätsspital Basel 2014

### Peer reviewed articles

1. *Daniel W Zumofen*, Nikhil Sahasrabudhe, Howard A Riina, Eytan Raz, Maksim Shapiro, Tibor Becske, Peter K Nelson. **Temporary stent scaffolding during aneurysm coiling.** Journal of Clinical Neuroscience 2013. Impact factor: 1.378
2. M Shapiro, T Becske, HA Riina, E Raz, *D Zumofen*, J J Jafar, P P Huang, P K Nelson. **Toward an Endovascular Internal Carotid Artery Classification System.** American Journal of Neuroradiology 2013. Impact factor: 3.589
3. *Daniel Zumofen*, Howard A Riina. **Perspectives on the Evolution of Endovascular Treatment of Carotid Cavernous Fistulas.** World Neurosurgery 2013. Impact factor: 2.878
4. Maksim Shapiro, Tibor Becske, Howard A Riina, Eytan Raz, *Daniel Zumofen*, Peter K Nelson. **Non-saccular vertebrobasilar aneurysms and dolichoectasia: A systematic literature review.** Journal of Neurointerventional Surgery 2013. Impact factor: 0.780
5. *Hutter G*, Nuvolone M, Kana V, Sakata D, Mortin-Toth SM, Russo G, Danska JS, Aguzzi A. **SIRP $\alpha$  polymorphisms, but not the prion protein, control phagocytosis of apoptotic cells.** J Exp Med. 2013. Impact factor: 12.515
6. Sailer MH, Gerber A, Tostado C, *Hutter G*, *Cordier D*, *Mariani L*, Ritz MF. **Non-invasive neural stem cells become invasive in vitro by combined FGF2 and BMP4 signaling.** J Cell Sci. 2013. Impact factor: 5.432

7. *Leu S*, von Felten S, Frank S, Vassella E, Vajtai I, Taylor E, Schulz M, *Hutter G*, Hench J, Schucht P, Boulay JL, *Mariani L*. **IDH/MGMT-driven molecular classification of low-grade glioma is a strong predictor for long-term survival.** *Neuro Oncol.* 2013. Impact factor: 5.562

8. *Soleman J*, Fathi A-R, Marbacher S, Fandino J. **The role of intraoperative magnetic resonance imaging in complex meningioma surgery.** *Magn Reson Imaging* 2013. Impact factor: 2.09

9. Hayden Gephart MG, Woodard JI, Arrigo RT, Lorenz HP, Schendel SA, Edwards MSB and *Guzman R*. **Using Bioabsorbable Fixation Systems in the Treatment of Pediatric Skull Deformities Leads to Good Outcomes and Low Morbidity.** *Childs Nerv Syst* 2013. Impact factor: 1.542

10. *Guzman R*, Pendharkar AV, Zerah M, Sainte-Rose Ch. **Use of the Neuro Balloon Catheter for endoscopic third ventriculostomy: Technical Note.** *J Neurosurg Pediatr* 2013. Impact factor: 1.487

11. Lee SW, Haditsch U, Cord BJ, *Guzman R*, Kim SJ, Boettcher C, Priller J, Ormerod BK, Palmer TD. **Absence of CCL2 is sufficient to restore hippocampal neurogenesis following cranial irradiation.** *Brain Behav Immun* 2013. Impact factor: 5.889

12. *Guzman R*, Schubert M, Keller-Lang D, Huhn SL, Curt A. **Human Neural Stem Cell Transplantation in Chronic SCI: Interim Results of a Phase I/II Trial.** *Neurosurgery* 2013. Impact factor: 3.620

13. Fuhr P, Gschwandtner U, Brunnschweiler H, *Taub E*. **Practical aspects of the treatment of Parkinson's disease.** *Praxis (Bern 1994)* 2013. Impact factor: 0.10

14. Suter MR, Sprenger T, *Taub E*, Besson M. **New concepts in the pathophysiology, diagnosis and treatment of neuropathic pain.** *Rev Med Suisse* 2013. Impact factor: 0.13

15. Pouskoulas CD, *Taub E*, Ruppen W. **Successful treatment of post-dural-puncture headache with surgical dura repair two years after spinal anesthesia.** Cephalalgia 2013. Impact factor: 4.891

16. Gantenbein AR, Jäggi C, Sturzenegger M, Gobbi C, Merki-Feld GS, Emmenegger MJ, *Taub E*, Sándor PS; **SHS Study Group.** **Awareness of headache and of National Headache Society activities among primary care physicians - a qualitative study.** BMC Res Notes 2013. Impact factor: 1.88