

Publikationen

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	Titel	Autoren	Quelle / Verlag / etc.	Jahr
1	Neurochirurgie bei älteren Patienten	Uhl E, Schöller K (Hrsg.)	Springer -Verlag. ISBN 978-3-662-60353-6	2021
2	DTI in der Diagnostik der zervikalen Myelopathie	Schöller K, Siller S	Die Wirbelsäule November; 04(04):268-274	2020
3	Troponin I as an early biomarker of cardiopulmonary parameters during the first 24 h of intensive care unit treatment in isolated traumatic brain injury patients	Bender M, Stein M, Schoof B, Kolodziej MA, Uhl E, Schöller K	Injury. May;51(5):1189-1195. doi: 10.1016/j.injury.2020.01.002. Epub 2020 Jan 7	2020
4	Serum Biomarkers for Risk Assessment of Intra-hospital Transports in Mechanically Ventilated Neurosurgical Intensive Care Unit Patients	Bender M, Stein M, Kim SW, Uhl E, Schöller K	J Intensive Care Med. Nov 28;885066619891063. doi: 10.1177/0885066619891063. [Epub ahead of print]	2019
5	Implementation of Transforaminal Endoscopic Lumbar Sequestrectomy in a German University Hospital Setting: A long and rocky road	Bender M, Gramsch C, Herrmann L, Kim SW, Uhl E, Schöller K	Neurol Surg A Cent Eur Neurosurg. Aug 29. doi: 10.1055/s-0039-1694040	2019
6	Diffusion tensor imaging for surgical planning in patients with cervical spondylotic myelopathy	Schöller K, Siller S, Brem C, Lutz J, Zausinger S	Neurol Surg A Cent Eur Neurosurg. Jun 10. doi: 10.1055/s-0039-1691822	2019
7	Stellenwert der Navigation bei lumbalen Eingriffen – wann ist sie sinnvoll?	Schöller K, Jablawi F	Der Orthopäde. Jan;48(1):59–68	2019
8	Kortison-Injektionen an der Wirbelsäule (periartikulär, nervennah, epidural)	Jablawi F, Schöller K	Die Wirbelsäule. 02: 111–118.	2018
9	Neurosurgery in East Africa: Foundations	Mangat HS, Schöller K, Budohoski KP, Ngerageza JN, Qureshi M,	World Neurosurg. May;113:411-424. doi: 10.1016/j.wneu.2018.01.086	2018

		Santos MM, Shabani HK, Zubkov MR, Härtl R, Stieg P		
10	Neurosurgery in East Africa: Innovations	Budohoski KP, Ngerageza JN, Austard B, Fuller A, Galler R, Haglund M, Lett R, Lieberman, ICH, Mangat HS, March K, Olouch- Olunya D, Piquer J, Qureshi M, Santos MM, Schöller K, Shabani HK, Trivedi RA, Young P, Zubkov MR, Härtl R, Stieg P	World Neurosurg. May;113:436-452. doi: 10.1016/j.wneu.2018.01.085	2018
11	The Growth of Neurosurgery in East Africa: Challenges	Santos MM, Qureshi M, Budohoski KP, Mangat HS, Ngerageza JN, Schöller K, Shabani HK, Zubkov MR, Härtl R	World Neurosurg. May;113:425-435. doi: 10.1016/j.wneu.2018.01.084	2018
12	Microvasospasms after experimental subarachnoid hemorrhage do not depend on endothelin A receptors	Liu H, Dienel A, Schöller K, Schwarzmeier S, Nehrkorn K, Plesnila N, Terpolilli N	Stroke. Mar;49(3):693-699. doi: 10.1161/STROKEAHA.117.020028. Epub 2018 Feb 8	2018

13	Cerebral Alterations Following Experimental Multiple Trauma and Hemorrhagic Shock	Vogt N, Herden C, Roeb E, Roderfeld M, Eschbach D, Steinfeldt T, Wulf H, Ruchholtz S, Uhl E, Schöller K	Shock. Feb;49(2):164-173. doi: 10.1097/SHK.0000000000000943	2018
14	Hypothermia does not influence liver damage and function in a porcine polytrauma model	Eschbach D, Horst K, Sassen M, Andruszkow J, Mohr J, Debus F, Vogt N, Steinfeldt T, Hildebrand F, Schöller K, Uhl E, Wulf H, Ruchholtz S, Pape H, Frink M	Technol Health Care. 26(2):209-221. doi: 10.3233/THC-171043	2018
15	Ten-Step Minimally Invasive Spine Lumbar Decompression and Dural Repair Through Tubular Retractors	Boukebir MA, Berlin CD, Navarro-Ramirez R, Heiland T, Schöller K, Rawanduzy C, Kirnaz S, Jada A, Härtl R	Oper Neurosurg (Hagerstown). Apr 1;13(2):232-245. doi: 10.1227/NEU.0000000000001407	2017
16	Lumbar Spinal Stenosis Associated With Degenerative Lumbar Spondylolisthesis: A Systematic Review and Meta-analysis of Secondary Fusion Rates Following Open vs Minimally Invasive Decompression	Schöller K, Alimi M, Cong GT, Christos P, Härtl R	Neurosurgery. Mar 1;80(3):355-367	2017
17	Successful conservative treatment of a bilateral C5 palsy following posterior cervical decompression and fusion surgery for ossification of posterior longitudinal ligament	Kim SW, Gronen F, Uhl E, Schöller K	J Spinal Stud Surg. 1(1):22-24; Case Report	2017

18	Kommentar zur Publikation “Tranexamic acid reduces perioperative blood loss of posterior lumbar surgery for stenosis or spondylolisthesis”, Medicine 2017 (Referiert und kommentiert)	Schöllner K	Die Wirbelsäule. 04:230-32	2017
19	Kommentar zur Publikation „Effects of steroid use in anterior cervical discectomy and fusion: a randomized controlled trial”, JNS Spine 2015 (Referiert und kommentiert)	Schöllner K	Die Wirbelsäule. 02:86-88	2017
20	Minimally invasive decompression surgery for lumbar spinal stenosis and spondylolisthesis (Comment&Analysis)	Schöllner K, Härtl R	SpinalNews International Issue 40	2016
21	The application of a compact HD-exoscope for illumination and magnification in high- precision surgical procedures	Krishnan K, Schöllner K, Uhl E	World Neurosurg. Sep 19. pii: S1878- 8750(16)30863-4. doi: 10.1016/j.wneu.2016.09.037. [Epub ahead of print]	2016
22	Microsurgical unilateral laminotomy for decompression of lumbar spinal stenosis: long-term results and predictive factors	Schöllner K, Steingrüber T, Stein M, Vogt N, Müller T, Pons- Kühnemann J, Uhl E	Acta Neurochir (Wien). Jun;158(6):1103- 13	2016
23	Nitric oxide inhalation reduces brain damage, prevents mortality, and improves neurological outcome after subarachnoid hemorrhage by resolving early pial microvasospasms	Terpolilli NA, Feiler S, Dienel A, Müller F, Heumos N, Friedrich B, Stover J, Thal S, Schöllner K, Plesnila N	J Cereb Blood Flow Metab. Dec;36(12):2096-2107	2016

24	A porcine polytrauma model with two different degrees of hemorrhagic shock: outcome related to trauma within the first 48 h	Eschbach D, Steinfeldt T, Hildebrand F, Frink M, Schöller K, Sassen M, Wiesmann T, Debus F, Vogt N, Uhl E, Wulf H, Ruchholtz S, Pape HC, Horst K	Eur J Med Res. Sep 4;20:73. doi: 10.1186/s40001-015-0162-0	2015
25	Microsurgical fenestration of idiopathic intramedullary cysts in adult patients	Schwartz C, Lutz J, Romagna A, Tonn JC, Zausinger S, Schöller K	Eur Spine J. May;24(5):968-74	2015
26	Aneurysmal subarachnoid hemorrhage in elderly patients: long-term outcome and prognostic factors in an interdisciplinary treatment approach	Schöller K, Massmann M, Markl G, Kunz M, Fesl G, Brückmann H, Pfefferkorn T, Tonn JC, Schichor C	J Neurol. Apr;260(4):1052-60. doi: 10.1007/s00415-012-6758-1	2013
27	Impact of anesthesia on pathophysiology and mortality following subarachnoid hemorrhage in rats	Hockel K, Trabold R, Schöller K, Török E, Plesnila N	Exp Transl Stroke Med. Mar 13;4(1):5. doi: 10.1186/2040-7378-4-5	2012
28	Zweizeitige Resektion eines mediastinalen Ganglioneuroms mit paravertebraler Komponente	Ehrl D, Beer M, Schöller K, Parzhuber A, Rau HG	Z Herz- Thorax- Gefäßchir. DOI 10.1007/s00398-011-0899-x; Case Report	2012
29	Experimental subarachnoid hemorrhage causes early and long-lasting microarterial constriction and microthrombosis: an in-vivo microscopy study	Friedrich B, Müller F, Feiler S, Schöller K, Plesnila N	J Cereb Blood Flow Metab. Mar;32(3):447-55. doi: 10.1038/jcbfm.2011.154	2012

30	Vasopressin V(1a) receptors mediate posthemorrhagic systemic hypertension thereby determining rebleeding rate and outcome after experimental subarachnoid hemorrhage	Hockel K, Schöller K, Trabold R, Nussberger J, Plesnila N	Stroke. Jan;43(1):227-32. doi: 10.1161/STROKEAHA.111.626168	2012
31	Contribution of matrix metalloproteinase-9 to cerebral edema and functional outcome following experimental subarachnoid hemorrhage	Feiler S, Plesnila N, Thal SC, Zausinger S, Schöller K	Cerebrovasc Dis. 32(3):289-95. doi: 10.1159/000328248	2011
32	Contribution of bradykinin receptors to the development of secondary brain damage after experimental subarachnoid hemorrhage	Schöller K, Feiler S, Anetsberger S, Kim SW, Plesnila N	Neurosurgery. Apr;68(4):1118-23. doi: 10.1227/NEU.0b013e31820a0024	2011
33	Standardized induction of subarachnoid hemorrhage in mice by intracranial pressure monitoring	Feiler S, Friedrich B, Schöller K, Thal SC, Plesnila N	J Neurosci Methods. Jul 15;190(2):164-70. doi: 10.1016/j.jneumeth.2010.05.005	2010
34	Combined surgical and radiosurgical treatment of symptomatic aggressive vertebral osteomyelitis	Zausinger S, Schöller K, Arzberger T, Muacevic A	Minim Invasive Neurosurg. Apr;53(2):80-2. doi: 10.1055/s-0030-1249682	2010
35	Mild hypothermia (33 degrees C) reduces intracranial hypertension and improves functional outcome after subarachnoid hemorrhage in rats	Török E, Klopotowski M, Trabold R, Thal SC, Plesnila N, Schöller K	Neurosurgery. Aug;65(2):352-9; discussion 359. doi: 10.1227/01.NEU.0000345632.09882.FF	2009
36	Randomized controlled trials in neurosurgery-how good are we?	Schöller K, Licht S, Tonn JC, Uhl E	Acta Neurochir (Wien). May;151(5):519- 27; discussion 527. doi: 10.1007/s00701- 009-0280-y. Review	2009
37	Role of vasopressin V(1a) and V2 receptors for the development of secondary brain damage after traumatic brain injury in mice	Trabold R, Krieg S, Schöller K, Plesnila N	J Neurotrauma. Dec;25(12):1459-65. doi: 10.1089/neu.2008.0597	2008

38	Three-dimensional constructive interference in steady-state magnetic resonance imaging in obstructive hydrocephalus: relevance for endoscopic third ventriculostomy and clinical results	Kunz M, Schulte-Altedorneburg G, Uhl E, Schmid-Elsaesser R, Schöller K, Zausinger S	J Neurosurg. Nov;109(5):931-8. doi: 10.3171/JNS/2008/109/11/0931	2008
39	Magnetically guided neuronavigation of flexible instruments in shunt placement, transsphenoidal procedures, and craniotomies	Schichor C, Witte J, Schöller K, Tanner P, Uhl E, Goldbrunner R, Tonn JC	Neurosurgery. Jul;63(1 Suppl 1):ONS121-7; discussion ONS127-8. doi: 10.1227/01.neu.0000335026.00650.ca	2008
40	Surgical resection plus stereotactic 125I brachytherapy in adult patients with eloquently located supratentorial WHO grade II glioma - feasibility and outcome of a combined local treatment concept	Schnell O, Schöller K, Ruge M, Siefert A, Tonn JC, Kreth FW	J Neurol. Oct;255(10):1495-502. doi: 10.1007/s00415-008-0948-x	2008
41	Characterization of microvascular basal lamina damage and blood-brain barrier dysfunction following subarachnoid hemorrhage in rats	Schöller K, Trinkl A, Klopotoski M, Thal SC, Plesnila N, Trabold R, Hamann GF, Schmid-Elsaesser R, Zausinger S	Brain Res. Apr 20;1142:237-46	2007
42	Introducing a freely accessible internet database for identification of cerebral aneurysm clips to determine magnetic resonance imaging compatibility	Schöller K, Morhard D, Zausinger S, Steiger HJ, Schmid-Elsaesser R	Neurosurgery. 56(1):118-23; discussion 123	2005
43	Neuroprotection in ischemic stroke-- combination drug therapy and mild hypothermia in a rat model of permanent focal cerebral ischemia	Schöller K, Zausinger S, Baethmann A, Schmid-Elsaesser R	Brain Res. Oct 15;1023(2):272-8	2004

44	Combination drug therapy and mild hypothermia after transient focal cerebral ischemia in rats	Zausinger S, Schöller K, Plesnila N, Schmid- Elsaesser R	Stroke. Sep;34(9):2246-51	2003
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