

# Florian Roser

## List of Publications by Year in descending order

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106  
papers

3,186  
citations

159573

30  
h-index

161844

54  
g-index

106  
all docs

106  
docs citations

106  
times ranked

3132  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Natural History of Incidental Meningiomas. <i>Neurosurgery</i> , 2003, 53, 62-71.	1.1	341
2	Spinal Robotics. <i>Neurosurgery</i> , 2013, 72, A12-A18.	1.1	243
3	TUBERCULUM SELLAE MENINGIOMAS. <i>Neurosurgery</i> , 2006, 59, 1019-1029.	1.1	169
4	Olfactory Groove Meningiomas: Clinical Outcome and Recurrence Rates after Tumor Removal Through the Frontolateral and Bifrontal Approach. <i>Neurosurgery</i> , 2007, 60, 844-852.	1.1	146
5	Medial Sphenoid Wing Meningiomas: Clinical Outcome and Recurrence Rate. <i>Neurosurgery</i> , 2006, 58, 626-639.	1.1	125
6	The Ki-67 proliferation antigen in meningiomas. Experience in 600 cases. <i>Acta Neurochirurgica</i> , 2004, 146, 37-44.	1.7	117
7	Intraventricular meningiomas: a review of 16 cases with reference to the literature. <i>World Neurosurgery</i> , 2003, 59, 490-503.	1.3	112
8	Facial and Cochlear Nerve Function after Surgery of Cerebellopontine Angle Meningiomas. <i>Neurosurgery</i> , 2005, 57, 77-90.	1.1	105
9	Do antibiotic-impregnated shunts in hydrocephalus therapy reduce the risk of infection? An observational study in 258 patients. <i>BMC Infectious Diseases</i> , 2007, 7, 38.	2.9	93
10	Do long-term results justify decompressive craniectomy after severe traumatic brain injury?. <i>Journal of Neurosurgery</i> , 2008, 109, 685-690.	1.6	83
11	Sphenoid wing meningiomas with osseous involvement. <i>World Neurosurgery</i> , 2005, 64, 37-43.	1.3	74
12	Transition from meningeal melanocytoma to primary cerebral melanoma. <i>Journal of Neurosurgery</i> , 2004, 101, 528-531.	1.6	66
13	Meningiomas of the cerebellopontine angle with extension into the internal auditory canal. <i>Journal of Neurosurgery</i> , 2005, 102, 17-23.	1.6	64
14	OLFACTORY GROOVE MENINGIOMAS. <i>Neurosurgery</i> , 2008, 62, SHC1224-SHC1232.	1.1	58
15	The role of surgery in meningiomas involving the optic nerve sheath. <i>Clinical Neurology and Neurosurgery</i> , 2006, 108, 470-476.	1.4	53
16	Intramedullary lesions of the conus medullaris: differential diagnosis and surgical management. <i>Neurosurgical Review</i> , 2009, 32, 287-301.	2.4	47
17	Meningiomas Of the Internal Auditory Canal. <i>Neurosurgery</i> , 2004, 55, 119-128.	1.1	46
18	Defining the line between hydromyelia and syringomyelia. A differentiation is possible based on electrophysiological and magnetic resonance imaging studies. <i>Acta Neurochirurgica</i> , 2010, 152, 213-219.	1.7	46

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19	Management of skull based meningiomas in the elderly patient. <i>Journal of Clinical Neuroscience</i> , 2007, 14, 224-228.	1.5	45
20	Characteristics of Large-Vessel Occlusion Associated with COVID-19 and Ischemic Stroke. <i>American Journal of Neuroradiology</i> , 2020, 41, 2263-2268.	2.4	45
21	Volumetric Analysis of the Growth Rate of Incompletely Resected Intracranial Meningiomas. <i>Zentralblatt Fur Neurochirurgie</i> , 2005, 66, 17-23.	0.5	38
22	Three-dimensional constructive interference in steady-state magnetic resonance imaging in syringomyelia: advantages over conventional imaging. <i>Journal of Neurosurgery: Spine</i> , 2008, 8, 429-435.	1.7	38
23	Risk Factors of Preoperative and Early Postoperative Seizures in Patients with Meningioma: A Retrospective Single-Center Cohort Study. <i>World Neurosurgery</i> , 2017, 97, 538-546.	1.3	37
24	In Vitro Comparison of Hypericin and 5-Aminolevulinic Acid-Derived Protoporphyrin IX for Photodynamic Inactivation of Medulloblastoma Cells. <i>PLoS ONE</i> , 2012, 7, e51974.	2.5	36
25	Surgical treatment of cerebellopontine angle meningiomas in elderly patients. <i>Acta Neurochirurgica</i> , 2005, 147, 603-610.	1.7	35
26	Vascular endothelial growth factor signals through platelet-derived growth factor receptor $\beta^2$ in meningiomas in vitro. <i>British Journal of Cancer</i> , 2012, 107, 1702-1713.	6.4	35
27	Proliferation potential of spinal meningiomas. <i>European Spine Journal</i> , 2006, 15, 211-215.	2.2	34
28	Proliferation and progesterone receptor status in benign meningiomas are not age dependent. <i>Cancer</i> , 2005, 104, 598-601.	4.1	33
29	The Retrosigmoid Endoscopic Approach for Cerebellopontine-Angle Tumors and Microvascular Decompression. <i>World Neurosurgery</i> , 2014, 82, S171-S176.	1.3	33
30	The microglial/macrophagic response at the tumour-brain border of invasive meningiomas. <i>Neuropathology and Applied Neurobiology</i> , 2009, 35, 82-88.	3.2	32
31	Endoscopic-Assisted Posterior Intradural Petrous Apicectomy in Petroclival Meningiomas: A Clinical Series and Assessment of Perioperative Morbidity. <i>World Neurosurgery</i> , 2015, 84, 1708-1718.	1.3	32
32	The midline suboccipital subtonsillar approach to the hypoglossal canal: surgical anatomy and clinical application. <i>Acta Neurochirurgica</i> , 2006, 148, 965-969.	1.7	31
33	Vestibular schwannoma surgery via the retrosigmoid transmeatal approach. <i>Acta Neurochirurgica</i> , 2014, 156, 421-425.	1.7	31
34	Patterns of SPARC expression and basement membrane intactness at the tumour-brain border of invasive meningiomas. <i>Neuropathology and Applied Neurobiology</i> , 2006, 32, 525-531.	3.2	29
35	Subcellular colocalization of hypericin with respect to endoplasmic reticulum and Golgi apparatus in glioblastoma cells. <i>Anticancer Research</i> , 2008, 28, 2033-8.	1.1	27
36	Single cerebral metastasis 3 and 19 years after primary renal cell carcinoma: case report and review of the literature. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2002, 72, 257-258.	1.9	26

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37	Microsurgical and Endoscopic Anatomy of the Retrosigmoid Intradural Suprameatal Approach to Lesions Extending from the Posterior Fossa to the Central Skull Base. <i>Skull Base</i> , 2009, 19, 319-323.	0.4	26
38	Clinical characteristics and admission patterns of stroke patients during the COVID 19 pandemic: A single center retrospective, observational study from the Abu Dhabi, United Arab Emirates. <i>Clinical Neurology and Neurosurgery</i> , 2020, 199, 106227.	1.4	26
39	Selection of suitable reference genes for quantitative real-time polymerase chain reaction in human meningiomas and arachnoidea. <i>BMC Research Notes</i> , 2011, 4, 275.	1.4	25
40	Diagnostic Value of EAAT-1 and Kir7.1 for Distinguishing Endolymphatic Sac Tumors From Choroid Plexus Tumors. <i>American Journal of Clinical Pathology</i> , 2012, 138, 85-89.	0.7	24
41	The astrocytic response towards invasive meningiomas. <i>Neuropathology and Applied Neurobiology</i> , 2007, 33, 163-168.	3.2	23
42	Management of intramedullary spinal cord lesions: interdependence of the longitudinal extension of the lesion and the functional outcome. <i>European Spine Journal</i> , 2010, 19, 665-669.	2.2	22
43	Peduncular Hallucinosis: Insights from a Neurosurgical Point of View. <i>Neurosurgery</i> , 2005, 57, E1068-E1068.	1.1	20
44	Evaluation of quality of life parameters in patients who have syringomyelia. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 1599-1603.	1.5	20
45	Intraoperative auditory brainstem responses in patients with cerebellopontine angle meningiomas involving the inner auditory canal: analysis of the predictive value of the responses. <i>Journal of Neurosurgery</i> , 2005, 102, 637-642.	1.6	19
46	A new concept in the electrophysiological evaluation of syringomyelia. <i>Journal of Neurosurgery: Spine</i> , 2008, 8, 517-523.	1.7	19
47	The role of intraoperative neuromonitoring in adults with Chiari I malformation. <i>Clinical Neurology and Neurosurgery</i> , 2016, 150, 27-32.	1.4	18
48	An overview of endoscopy in neurologic surgery. <i>Cleveland Clinic Journal of Medicine</i> , 2019, 86, 16ME-24ME.	1.3	18
49	Apoptosis, vascularity, and proliferation in primary central nervous system lymphomas (PCNSL): A histopathological study. <i>World Neurosurgery</i> , 2004, 62, 393-399.	1.3	15
50	Fractional Anisotropy Levels Derived From Diffusion Tensor Imaging in Cervical Syringomyelia. <i>Neurosurgery</i> , 2010, 67, 901-905.	1.1	15
51	Intralesional Mitoxantrone Biopolymer-Mediated Chemotherapy Prolongs Survival in Rats with Experimental Brain Tumors. <i>Journal of Neuro-Oncology</i> , 2004, 68, 225-232.	2.9	14
52	Rigid, Variable-View Endoscope in Neurosurgery. <i>Surgical Innovation</i> , 2015, 22, 390-393.	0.9	14
53	The basement membrane at the tumour-brain interface of brain-invasive grade I meningiomas. <i>Neuropathology and Applied Neurobiology</i> , 2005, 31, 339-342.	3.2	12
54	Hypericin uptake: A prognostic marker for survival in high-grade glioma. <i>Journal of Clinical Neuroscience</i> , 2008, 15, 778-783.	1.5	12

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55	Management of Holocord Pilocytic Astrocytomas in Children and Adolescents: An Update. <i>Pediatric Neurosurgery</i> , 2012, 48, 133-140.	0.7	12
56	Live surgery in neurosurgical training courses: essential infrastructure and technical set-up. <i>Acta Neurochirurgica</i> , 2013, 155, 541-545.	1.7	12
57	Detection and quantification of farnesol-induced apoptosis in difficult primary cell cultures by TaqMan protein assay. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 452-466.	4.9	10
58	The value of dynamic radiographic myelography in addition to magnetic resonance imaging in detection lumbar spinal canal stenosis: A prospective study. <i>Clinical Neurology and Neurosurgery</i> , 2016, 143, 4-8.	1.4	10
59	Challenges for Restoration of Lower Urinary Tract Innervation in Patients with Spinal Cord Injury: A European Single-center Retrospective Study with Long-term Follow-up. <i>European Urology</i> , 2016, 69, 771-774.	1.9	10
60	Biopolymer-mediated suramin chemotherapy in the treatment of experimental brain tumours. <i>Acta Oncologica</i> , 2004, 43, 259-263.	1.8	9
61	Morphometric subaxial lateral mass evaluation allows for preoperative optimal screw trajectory planning. <i>European Spine Journal</i> , 2014, 23, 1705-1711.	2.2	9
62	A model for intratumoural chemotherapy in the rat brain. <i>Acta Neurochirurgica</i> , 2004, 146, 731-4.	1.7	8
63	Primary non-Hodgkin lymphoma of the cranial nerves mimicking neurofibromatosis Type 2. <i>Journal of Neurosurgery</i> , 2005, 102, 1166.	1.6	8
64	Step-by-step education of the retrosigmoid approach leads to low approach-related morbidity through young residents. <i>Acta Neurochirurgica</i> , 2010, 152, 985-988.	1.7	8
65	The first 50s: can we achieve acceptable results in vestibular schwannoma surgery from the beginning?. <i>Acta Neurochirurgica</i> , 2010, 152, 1359-1365.	1.7	8
66	Topographic Changes in Petrous Bone Anatomy in the Presence of a Vestibular Schwannoma and Implications for the Retrosigmoid Transmeatal Approach. <i>Operative Neurosurgery</i> , 2014, 10, 481-486.	0.8	8
67	Photodynamic therapy of malignant glioma with hypericin: comprehensive in vitro study in human glioblastoma cell lines. <i>International Journal of Oncology</i> , 2007, 30, 659-67.	3.3	8
68	Are there attacking points in the eicosanoid cascade for chemotherapeutic options in benign meningiomas?. <i>Neurosurgical Focus</i> , 2007, 23, E8.	2.3	7
69	Familial trigeminal neuralgia – Microsurgical experience and psychological observations. <i>Acta Neurochirurgica</i> , 2010, 152, 381-382.	1.7	7
70	The midline suboccipital subtonsillar approach to the cerebellomedullary cistern and its structures: Anatomical considerations, surgical technique and clinical application. <i>Clinical Neurology and Neurosurgery</i> , 2014, 125, 98-105.	1.4	7
71	Improved CT Imaging for Mastoid Emissary Vein Visualization Prior to Posterior Fossa Approaches. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2016, 77, 511-514.	0.8	7
72	Framed and non-framed robotics in neurosurgery: A 10-year single-center experience. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2021, 17, e2282.	2.3	7

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73	Erythropoietin receptor is expressed in meningiomas and lower levels are associated with tumour recurrence. <i>Neuropathology and Applied Neurobiology</i> , 2009, 35, 555-565.	3.2	6
74	New shift models for doctors in a large German University Neurosurgery Department: how they comply with the European Working Time Directive 3 years after implementation. <i>Acta Neurochirurgica</i> , 2012, 154, 1935-1940.	1.7	6
75	Glossopharyngeal Neuralgia Treated with an Endoscopic Assisted Midline Suboccipital Subtonsillar Approach: Technical Note. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2013, 74, 318-320.	0.8	6
76	The midline suboccipital subtonsillar approach to the cerebellomedullary cistern: how I do it. <i>Acta Neurochirurgica</i> , 2017, 159, 1613-1617.	1.7	6
77	Malignant triton tumor diagnosed twelve years after radiosurgically treated vestibular schwannoma. <i>Clinical Neurology and Neurosurgery</i> , 2019, 183, 105367.	1.4	6
78	Letter to the Editor: Petroclival tumors. <i>Journal of Neurosurgery</i> , 2013, 119, 526-528.	1.6	5
79	The endoscope-assisted contralateral paramedian approach to large falcine meningiomas. <i>Acta Neurochirurgica</i> , 2018, 160, 79-82.	1.7	5
80	Spinal nerve root ganglionitis as a cause of disc herniation. <i>Journal of Neurosurgery: Spine</i> , 2005, 2, 472-475.	1.7	4
81	A 27-YEAR-OLD WOMAN WITH CRANIAL NERVE DYSFUNCTION. <i>Brain Pathology</i> , 2007, 17, 327-328.	4.1	4
82	Parotid carcinoma metastasis to parietal meningioma: Case report and molecular biologic considerations. <i>Clinical Neurology and Neurosurgery</i> , 2011, 113, 254-257.	1.4	4
83	Meningiomas, Nerve Sheath Tumors, and Pituitary Tumors. <i>Hematology/Oncology Clinics of North America</i> , 2012, 26, 855-879.	2.2	4
84	The possibility of seeding vestibular schwannomas through surgery: Limited experience with two cases. , 2016, 7, 291.		4
85	Posttraumatic Syringomyelia. <i>Journal of Neurosurgery: Spine</i> , 2007, 6, 193.	1.7	3
86	Minimal exposure maximal precision ventriculoperitoneal shunt: how I do it. <i>Acta Neurochirurgica</i> , 2019, 161, 1619-1622.	1.7	3
87	Hypericin: a promising fluorescence marker for differentiating between glioblastoma and neurons in vitro. <i>International Journal of Oncology</i> , 2005, 27, 1543-9.	3.3	3
88	Evidence of ubiquitous in vivo and in vitro expression of pro-apoptotic Smac/DIABLO protein in meningioma cell lines. <i>Oncology Reports</i> , 2009, 21, 1181-8.	2.6	2
89	Closer to the Edge – The Value of Intraoperative Brain Mapping. <i>World Neurosurgery</i> , 2016, 89, 689-691.	1.3	2
90	Spinal Robotics: Present Indications and Trends. , 2016, , 591-600.		2

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91	Robot-Assisted Pedicle Screw Placement. <i>Neuromethods</i> , 2021, , 161-174.	0.3	2
92	Detection and Quantification of Apoptosis in Primary Cells Using Taqman® Protein Assay. <i>Methods in Molecular Biology</i> , 2015, 1219, 57-73.	0.9	2
93	Letter: Position of Retrosigmoid Craniotomy in Hearing Preservation Surgery for Vestibular Schwannoma. <i>Operative Neurosurgery</i> , 2022, 23, e79-e80.	0.8	2
94	Neurosurgical Safety Checklists: An Unnecessary Burden or an Essential Requirement?. <i>World Neurosurgery</i> , 2020, 134, 457-459.	1.3	1
95	Electrophysiological predictors of hearing deterioration based on AEP monitoring during petroclival meningioma resection. <i>Neurosurgical Review</i> , 2021, 44, 1601-1609.	2.4	1
96	Sphenoid Wing Meningiomas. , 2008, , 99-108.		1
97	Long-standing Intraspinial Glass Fragments Causing Subsequent Radiculopathy After Dorsal Stabilization-Case Report-. <i>Neurologia Medico-Chirurgica</i> , 2006, 46, 459-461.	2.2	0
98	Proliferation Behaviour of Meningiomas. , 2014, , 21-31.		0
99	Spinal Robotics. , 2014, , 69-75.		0
100	The Whole Is Other Than the Sum of the Parts. <i>World Neurosurgery</i> , 2016, 86, 25-27.	1.3	0
101	PIPA, RISA, ATPA & Co.: The Efforts We Spent on Convincing Others to Do the Best for our Patients with Petroclival Meningiomas. <i>World Neurosurgery</i> , 2016, 87, 483.	1.3	0
102	Response to: Phillips M. et al. "Safety of commercial airlight in patients with brain tumors: a case series" <i>Journal of Neuro-Oncology</i> (2018) 139:617-623. <i>Journal of Neuro-Oncology</i> , 2019, 142, 393-394.	2.9	0
103	Syringomyelia and Syringobulbia. , 2014, , 569-576.		0
104	Sphenoid Wing Meningiomas. , 2014, , 173-183.		0
105	Electrophysiological Diagnostics in Chiari Malformation. , 2020, , 301-311.		0
106	Proliferation Behaviour of Meningiomas. , 2008, , 27-34.		0