

Michael M Safaei

List of Publications by Year in descending order

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92
papers

2,587
citations

201674

27
h-index

223800

46
g-index

93
all docs

93
docs citations

93
times ranked

3836
citing authors

#	ARTICLE	IF	CITATIONS
1	Gliomas Promote Immunosuppression through Induction of B7-H1 Expression in Tumor-Associated Macrophages. <i>Clinical Cancer Research</i> , 2013, 19, 3165-3175.	7.0	393
2	Neurological outcomes and surgical complications in 221 spinal nerve sheath tumors. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 103-111.	1.7	111
3	Monitoring of Regulatory T Cell Frequencies and Expression of CTLA-4 on T Cells, before and after DC Vaccination, Can Predict Survival in GBM Patients. <i>PLoS ONE</i> , 2012, 7, e32614.	2.5	83
4	Tuberculoma of the central nervous system. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 1333-1341.	1.5	81
5	Tumor control after surgery for spinal myxopapillary ependymomas: distinct outcomes in adults versus children. <i>Journal of Neurosurgery: Spine</i> , 2013, 19, 471-476.	1.7	80
6	Choroid plexus papillomas: advances in molecular biology and understanding of tumorigenesis. <i>Neuro-Oncology</i> , 2013, 15, 255-267.	1.2	78
7	Adjuvant radiotherapy delays recurrence following subtotal resection of spinal cord ependymomas. <i>Neuro-Oncology</i> , 2013, 15, 208-215.	1.2	70
8	Tubular microdiscectomy: techniques, complication avoidance, and review of the literature. <i>Neurosurgical Focus</i> , 2017, 43, E7.	2.3	69
9	Clinical characteristics and diagnostic imaging of epidermoid tumors. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 1158-1162.	1.5	66
10	Survival impact of time to initiation of chemoradiotherapy after resection of newly diagnosed glioblastoma. <i>Journal of Neurosurgery</i> , 2015, 122, 1144-1150.	1.6	64
11	Prognosis by tumor location in adults with spinal ependymomas. <i>Journal of Neurosurgery: Spine</i> , 2013, 18, 226-235.	1.7	59
12	Current management of choroid plexus carcinomas. <i>Neurosurgical Review</i> , 2014, 37, 179-192.	2.4	56
13	Ligament augmentation for prevention of proximal junctional kyphosis and proximal junctional failure in adult spinal deformity. <i>Journal of Neurosurgery: Spine</i> , 2018, 28, 512-519.	1.7	56
14	The prognostic implications of Hyam's subtype for patients with Kadish stage C esthesioneuroblastoma. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 281-286.	1.5	51
15	Epidemiology and Socioeconomic Trends in Adult Spinal Deformity Care. <i>Neurosurgery</i> , 2020, 87, 25-32.	1.1	51
16	Pigmented villonodular synovitis of the temporomandibular joint with intracranial extension: A case series and systematic review. <i>Head and Neck</i> , 2015, 37, 1213-1224.	2.0	46
17	Microsurgical clipping of ophthalmic artery aneurysms: surgical results and visual outcomes with 208 aneurysms. <i>Journal of Neurosurgery</i> , 2018, 129, 1511-1521.	1.6	45
18	Overexpression of CD97 Confers an Invasive Phenotype in Glioblastoma Cells and Is Associated with Decreased Survival of Glioblastoma Patients. <i>PLoS ONE</i> , 2013, 8, e62765.	2.5	44

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19	Gross total resection improves overall survival in children with choroid plexus carcinoma. <i>Journal of Neuro-Oncology</i> , 2014, 116, 179-185.	2.9	43
20	Association of tumor location, extent of resection, and neurofibromatosis status with clinical outcomes for 221 spinal nerve sheath tumors. <i>Neurosurgical Focus</i> , 2015, 39, E5.	2.3	43
21	Spinal ependymomas: Benefits of extent of resection for different histological grades. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 1390-1397.	1.5	39
22	Surgical outcomes in spinal cord ependymomas and the importance of extent of resection in children and young adults. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 13, 393-399.	1.3	39
23	Genomewide Clonal Analysis of Lethal Mutations in the <i>Drosophila melanogaster</i> Eye: Comparison of the X Chromosome and Autosomes. <i>Genetics</i> , 2007, 177, 689-697.	2.9	37
24	G-protein coupled receptor kinase (GRK)-5 regulates proliferation of glioblastoma-derived stem cells. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 1014-1018.	1.5	32
25	Na ⁺ /K ⁺ -ATPase α 2-subunit (AMOG) expression abrogates invasion of glioblastoma-derived brain tumor-initiating cells. <i>Neuro-Oncology</i> , 2013, 15, 1518-1531.	1.2	30
26	Surgical outcomes in choroid plexus papillomas: an institutional experience. <i>Journal of Neuro-Oncology</i> , 2013, 113, 117-125.	2.9	29
27	Effects of adjuvant chemotherapy and radiation on overall survival in children with choroid plexus carcinoma. <i>Journal of Neuro-Oncology</i> , 2014, 120, 353-360.	2.9	28
28	The transylvian approach for resection of insular gliomas: technical nuances of splitting the Sylvian fissure. <i>Journal of Neuro-Oncology</i> , 2016, 130, 283-287.	2.9	28
29	Proximal Junctional Kyphosis Prevention Strategies: A Video Technique Guide. <i>Operative Neurosurgery</i> , 2017, 13, 581-585.	0.8	28
30	MIB-1 labeling index predicts recurrence in intraventricular central neurocytomas. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 89-93.	1.5	26
31	Pleomorphic Xanthoastrocytoma with Anaplastic Features: Retrospective Case Series. <i>World Neurosurgery</i> , 2016, 95, 368-374.	1.3	26
32	The relative patient benefit of gross total resection in adult choroid plexus papillomas. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 808-812.	1.5	25
33	The limited capacity of malignant glioma-derived exosomes to suppress peripheral immune effectors. <i>Journal of Neuroimmunology</i> , 2016, 290, 103-108.	2.3	25
34	Histologic grade and extent of resection are associated with survival in pediatric spinal cord ependymomas. <i>Child's Nervous System</i> , 2013, 29, 2057-2064.	1.1	22
35	Use of thrombin-based hemostatic matrix during meningioma resection: A potential risk factor for perioperative thromboembolic events. <i>Clinical Neurology and Neurosurgery</i> , 2014, 119, 116-120.	1.4	22
36	Timing, severity of deficits, and clinical improvement after surgery for spinal dural arteriovenous fistulas. <i>Journal of Neurosurgery: Spine</i> , 2018, 29, 85-91.	1.7	22

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37	Stable luciferase expression does not alter immunologic or in vivo growth properties of GL261 murine glioma cells. <i>Journal of Translational Medicine</i> , 2014, 12, 345.	4.4	21
38	Surgical risk factors for post-operative pneumonia following meningioma resection. <i>Clinical Neurology and Neurosurgery</i> , 2014, 118, 76-79.	1.4	21
39	Microsurgical Clipping Techniques and Outcomes for Paraclinoid Internal Carotid Artery Aneurysms. <i>Operative Neurosurgery</i> , 2020, 18, 183-192.	0.8	21
40	Surgical resection of fourth ventricular ependymomas: case series and technical nuances. <i>Journal of Neuro-Oncology</i> , 2016, 130, 341-349.	2.9	20
41	Alignment, Classification, Clinical Evaluation, and Surgical Treatment for Adult Cervical Deformity: A Complete Guide. <i>Neurosurgery</i> , 2021, 88, 864-883.	1.1	20
42	Disseminated progression of glioblastoma after treatment with bevacizumab. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 1795-1801.	1.4	19
43	Proportional Upregulation of CD97 Isoforms in Glioblastoma and Glioblastoma-Derived Brain Tumor Initiating Cells. <i>PLoS ONE</i> , 2015, 10, e0111532.	2.5	19
44	PI3K pathway inhibitors: potential prospects as adjuncts to vaccine immunotherapy for glioblastoma. <i>Immunotherapy</i> , 2014, 6, 737-753.	2.0	17
45	Prognosis by tumor location for pediatric spinal cord ependymomas. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 11, 282-288.	1.3	16
46	Techniques for the Application of Stereotactic Head Frames Based on a 25-Year Experience. <i>Cureus</i> , 2016, 8, e543.	0.5	16
47	The impact of obesity on perioperative complications in patients undergoing anterior lumbar interbody fusion. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 332-341.	1.7	16
48	Results of Spinal Fusion After Spinal Nerve Sheath Tumor Resection. <i>World Neurosurgery</i> , 2016, 90, 6-13.	1.3	15
49	Anatomical triangles defining routes to anterior communicating artery aneurysms: the junctional and precommunicating triangles and the role of dome projection. <i>Journal of Neurosurgery</i> , 2020, 132, 1517-1528.	1.6	15
50	Safety and efficacy of direct nerve root decompression via anterior cervical discectomy and fusion with uncinectomy for cervical radiculopathy. <i>Journal of Spine Surgery</i> , 2020, 6, 205-209.	1.2	15
51	Delirium Risk Factors and Associated Outcomes in a Neurosurgical Cohort: A Case-Control Study. <i>World Neurosurgery</i> , 2019, 126, e930-e936.	1.3	14
52	Utility of neuromonitoring during lumbar pedicle subtraction osteotomy for adult spinal deformity. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 397-407.	1.7	14
53	Interfacility neurosurgical transfers: an analysis of nontraumatic inpatient and emergency department transfers with implications for improvements in care. <i>Journal of Neurosurgery</i> , 2019, 131, 281-289.	1.6	13
54	The tumor biology and molecular characteristics of medulloblastoma identifying prognostic factors associated with survival outcomes and prognosis. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 886-890.	1.5	12

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55	Survival outcomes of giant cell glioblastoma: Institutional experience in the management of 20 patients. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 2129-2134.	1.5	12
56	Impact of Human Immunodeficiency Virus in the Pathogenesis and Outcome of Patients with Glioblastoma Multiforme. <i>Brain Tumor Research and Treatment</i> , 2016, 4, 77.	1.0	12
57	Abscess Formation in a Nonfunctioning Pituitary Adenoma. <i>World Neurosurgery</i> , 2016, 90, 703.e15-703.e18.	1.3	11
58	Preoperative Prediction of the Necessity for Anterior Clinoidectomy During Microsurgical Clipping of Ruptured Posterior Communicating Artery Aneurysms. <i>World Neurosurgery</i> , 2018, 109, e493-e501.	1.3	11
59	Comparative Sensitivity of Intraoperative Motor Evoked Potential Monitoring in Predicting Postoperative Neurologic Deficits: Nondegenerative versus Degenerative Myelopathy. <i>Global Spine Journal</i> , 2016, 6, 452-458.	2.3	10
60	Sacral epidural arteriovenous fistulas: imitators of spinal dural arteriovenous fistulas with different pathologic anatomy: report of three cases and review of the literature. <i>Acta Neurochirurgica</i> , 2017, 159, 1087-1092.	1.7	10
61	Tailored Extended Bifrontal Craniotomy for Anterior Skull Base Tumors: Anatomic Description of a Modified Surgical Technique and Case Series. <i>Operative Neurosurgery</i> , 2018, 14, 386-394.	0.8	10
62	Radiation exposure with hybrid image-guidance-based minimally invasive transforaminal lumbar interbody fusion. <i>Journal of Clinical Neuroscience</i> , 2018, 48, 122-127.	1.5	10
63	Falcine and parasagittal chondrosarcomas. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 1232-1236.	1.5	9
64	The Safety and Efficacy of CT-Guided, Fluoroscopy-Free Vertebroplasty in Adult Spinal Deformity Surgery. <i>World Neurosurgery</i> , 2018, 116, e944-e950.	1.3	9
65	Perilesional edema associated with an intracranial calcifying pseudoneoplasm of the neuraxis in a child: case report and review of imaging features. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 22, 528-531.	1.3	9
66	Telemedicine in Neurosurgery: Standardizing the Spinal Physical Examination Using A Modified Delphi Method. <i>Neurospine</i> , 2021, 18, 292-302.	2.9	9
67	Minimally Invasive Lateral Retroperitoneal Approach for Resection of Extraforaminal Lumbar Plexus Schwannomas: Operative Techniques and Literature Review. <i>Operative Neurosurgery</i> , 2018, 15, 516-521.	0.8	8
68	CD97 is associated with mitogenic pathway activation, metabolic reprogramming, and immune microenvironment changes in glioblastoma. <i>Scientific Reports</i> , 2022, 12, 1464.	3.3	8
69	Epidermal growth factor-like module containing mucin-like hormone receptor 2 expression in gliomas. <i>Journal of Neuro-Oncology</i> , 2015, 121, 53-61.	2.9	7
70	Cost Analysis of Outpatient Anterior Cervical Discectomy and Fusion at an Academic Medical Center without Dedicated Ambulatory Surgery Centers. <i>World Neurosurgery</i> , 2021, 146, e940-e946.	1.3	7
71	Implementation of Outpatient Minimally Invasive Lumbar Decompression at an Academic Medical Center without Ambulatory Surgery Centers: A Cost Analysis and Systematic Review. <i>World Neurosurgery</i> , 2021, 146, e961-e971.	1.3	7
72	Anterior Lumbar Interbody Fusion With Cage Retrieval for the Treatment of Pseudarthrosis After Transforaminal Lumbar Interbody Fusion: A Single-Institution Case Series. <i>Operative Neurosurgery</i> , 2021, 20, 164-173.	0.8	6

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73	The effect of anterior lumbar interbody fusion staging order on perioperative complications in circumferential lumbar fusions performed within the same hospital admission. <i>Neurosurgical Focus</i> , 2020, 49, E6.	2.3	6
74	The role of epidermal growth factor-like module containing mucin-like hormone receptor 2 in human cancers. <i>Oncology Reviews</i> , 2014, 8, 242.	1.8	5
75	Mini-open spinal column shortening for the treatment of adult tethered cord syndrome. <i>Journal of Clinical Neuroscience</i> , 2017, 44, 315-319.	1.5	5
76	Magnitude, Location, and Factors Related to Regional and Global Sagittal Alignment Change in Long Adult Deformity Constructs. <i>Clinical Spine Surgery</i> , 2017, 30, E948-E953.	1.3	5
77	Anterior osteotomy for rigid cervical deformity correction. <i>Journal of Spine Surgery</i> , 2020, 6, 210-216.	1.2	5
78	Diagnostic Challenges in Primary Sacral Tumors and the Yield of Computed Tomography-Guided Needle Biopsy in the Modern Era. <i>World Neurosurgery</i> , 2020, 138, e806-e818.	1.3	5
79	Management of Noncatastrophic Internal Carotid Artery Injury in Endoscopic Skull Base Surgery. <i>Cureus</i> , 2019, 11, e5537.	0.5	5
80	Rare case of a recurrent juvenile ossifying fibroma of the lumbosacral spine. <i>Journal of Neurosurgery: Spine</i> , 2018, 28, 647-653.	1.7	4
81	Minimally Invasive Pedicle Screw Fixation With Indirect Decompression by Ligamentotaxis in Pathological Fractures. <i>Operative Neurosurgery</i> , 2020, 19, 210-217.	0.8	4
82	Posterior osteotomy techniques for rigid cervical deformity correction. <i>Journal of Spine Surgery</i> , 2020, 6, 274-279.	1.2	4
83	Intraoperative Conversion from Endoscopic to Open Transcortical Transventricular Removal of Colloid Cysts as a Salvage Procedure. <i>Cureus</i> , 2015, 7, e247.	0.5	4
84	Hospital complications and costs of spinal arteriovenous malformations in the United States from 2002-2014. <i>Journal of Neurosurgical Sciences</i> , 2021, 65, 54-62.	0.6	3
85	Management of aortic injury during minimally invasive lateral lumbar interbody fusion. <i>European Spine Journal</i> , 2018, 27, 538-543.	2.2	2
86	334 Interfacility Neurosurgical Transfers. <i>Neurosurgery</i> , 2018, 65, 134.	1.1	2
87	Cone Beam Intraoperative Computed Tomography-based Image Guidance for Minimally Invasive Transforaminal Interbody Fusion. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	2
88	Thoracolumbar Vertebral Column Resection With Rectangular Endplate Cages Through a Posterior Approach: Surgical Techniques and Early Postoperative Outcomes. <i>Operative Neurosurgery</i> , 2019, 18, 329-338.	0.8	2
89	A Type II Split Cord Malformation in an Adult Patient: An Operative Case Report. <i>Operative Neurosurgery</i> , 2020, 20, E148-E151.	0.8	2
90	Evaluating the Clinical Utility and Cost of Imaging Strategies in Adults with Newly Diagnosed Primary Intradural Spinal Tumors. <i>World Neurosurgery</i> , 2021, 147, e239-e246.	1.3	2

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91	Kickstand Rod With Asymmetric Pedicle Subtraction Osteotomy for Treatment of Adult Kyphoscoliosis With Severe Coronal Imbalance. Operative Neurosurgery, 2022, Publish Ahead of Print, .	0.8	2
92	Commentary on Vertebral Body Sliding Osteotomy for Cervical Myelopathy With Rigid Kyphosis: A Technical Note. Neurospine, 2020, 17, 650-651.	2.9	1