

Alexander Tuchman

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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516710

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44
docs citations

44
times ranked

1164
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of T1 Slope on the Cervical Sagittal Balance in Degenerative Cervical Spine. Spine, 2016, 41, 185-190.	2.0	83
2	Reoperation Rates After Single-level Lumbar Discectomy. Spine, 2017, 42, E496-E501.	2.0	77
3	The indications and timing for operative management of spinal epidural abscess: literature review and treatment algorithm. Neurosurgical Focus, 2014, 37, E8.	2.3	69
4	Iliac Crest Bone Graft versus Local Autograft or Allograft for Lumbar Spinal Fusion: A Systematic Review. Global Spine Journal, 2016, 6, 592-606.	2.3	63
5	Autograft versus Allograft for Cervical Spinal Fusion. Global Spine Journal, 2017, 7, 59-70.	2.3	50
6	Human versus Robot. Spine, 2018, 43, E1297-E1304.	2.0	44
7	Endoscopic-Assisted Resection of Intracranial Epidermoid Tumors. World Neurosurgery, 2014, 82, 450-454.	1.3	37
8	Intrathecal Morphine in Spine Surgery. Spine, 2017, 42, E740-E747.	2.0	37
9	Utilization of the 3D-printed spine model for freehand pedicle screw placement in complex spinal deformity correction. Journal of Spine Surgery, 2018, 4, 319-327.	1.2	34
10	Surgery and Radiosurgery for Acromegaly: A Review of Indications, Operative Techniques, Outcomes, and Complications. International Journal of Endocrinology, 2012, 2012, 1-7.	1.5	33
11	Oxidative Damage and Defective DNA Repair is Linked to Apoptosis of Migrating Neurons and Progenitors During Cerebral Cortex Development in Ku70-Deficient Mice. Cerebral Cortex, 2005, 15, 696-707.	2.9	31
12	Material Science in Cervical Total Disc Replacement. BioMed Research International, 2015, 2015, 1-9.	1.9	28
13	Topical tranexamic acid in spinal surgery: A systematic review and meta-analysis. Journal of Clinical Neuroscience, 2019, 61, 114-119.	1.5	27
14	Spontaneous spinal CSF-venous fistulas associated with venous/venolymphatic vascular malformations: report of 3 cases. Journal of Neurosurgery: Spine, 2020, 32, 305-310.	1.7	24
15	Infection rate correlated with time to repair of open neural tube defects (myelomeningoceles): an institutional and national study. Child's Nervous System, 2016, 32, 1675-1681.	1.1	23
16	Intracranial complications associated with spinal surgery. European Spine Journal, 2016, 25, 888-894.	2.2	23
17	Transpedicular Corpectomy and Cage Placement in the Treatment of Traumatic Lumbar Burst Fractures. Clinical Spine Surgery, 2017, 30, 360-366.	1.3	17
18	High prevalence of greater trochanteric pain syndrome among patients presenting to spine clinic for evaluation of degenerative lumbar pathologies. Journal of Clinical Neuroscience, 2018, 53, 89-91.	1.5	16

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19	Evaluation of Effect of Weekend Admission on the Prevalence of Hospital-Acquired Conditions in Patients Receiving Cervical Fusions. <i>World Neurosurgery</i> , 2015, 84, 58-68.	1.3	15
20	Delayed Cavernous Carotid Artery Pseudoaneurysm Caused by Absorbable Plate Following Transsphenoidal Surgery: Case Report and Review of the Literature. <i>Journal of Neurological Surgery Reports</i> , 2013, 74, 010-016.	0.6	14
21	Semitendinosus Graft for Interspinous Ligament Reinforcement in Adult Spinal Deformity. <i>Orthopedics</i> , 2017, 40, e206-e210.	1.1	13
22	Hallucinations in multiple system atrophy. <i>Parkinsonism and Related Disorders</i> , 2007, 13, 193-194.	2.2	12
23	Radiosurgery for Metastatic Disease at the Craniocervical Junction. <i>World Neurosurgery</i> , 2014, 82, 1331-1336.	1.3	10
24	Risk and Cost of Reoperation After Single-Level Posterior Cervical Foraminotomy: A Large Database Study. <i>Global Spine Journal</i> , 2017, 7, 116-122.	2.3	7
25	Large solitary osteochondroma of the thoracic spine: Case report and review of the literature. , 2016, 7, 323.		7
26	Locomotor Biomechanics After Total Sacrectomy. <i>Spine</i> , 2014, 39, E1481-E1487.	2.0	5
27	Quantitative and qualitative analyses of spinal canal encroachment during cervical laminectomy using the Kerrison rongeur versus High-Speed burr. <i>British Journal of Neurosurgery</i> , 2019, 33, 131-134.	0.8	5
28	Addition of Intrathecal Morphine for Postoperative Pain Management in Pediatric Spine Surgery. <i>Clinical Spine Surgery</i> , 2019, 32, 104-110.	1.3	5
29	Unilateral versus bilateral lower extremity motor deficit following complex adult spinal deformity surgery: is there a difference in recovery up to 2-year follow-up?. <i>Spine Journal</i> , 2019, 19, 395-402.	1.3	4
30	Surgeon-specific risk stratification model for early complications after complex adult spinal deformity surgery. <i>Spine Deformity</i> , 2020, 8, 97-104.	1.5	4
31	Cystic choroid plexus papilloma in the cavum septum pellucidum. <i>Journal of Neurosurgery: Pediatrics</i> , 2009, 4, 580-583.	1.3	3
32	Novel application of pre-operative vertebral body embolization to reduce intraoperative blood loss during a three-column spinal osteotomy for non-oncologic spinal deformity. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 765-767.	1.5	3
33	Dynamic changes in the reflex exam of patients with sub-axial cervical stenosis. <i>Journal of Clinical Neuroscience</i> , 2019, 60, 84-87.	1.5	3
34	Intraoperative versus postoperative radiographic coronal balance for adult spinal deformity surgery. <i>Spine Deformity</i> , 2021, 9, 1077-1084.	1.5	3
35	189â€fInfection Rates Following Prolonged Time to Open Neural Tube Repair. <i>Neurosurgery</i> , 2015, 62, 229.	1.1	2
36	A case report of two different skull base pathologies causing hearing loss in the same ear: vestibular schwannoma and superior semicircular canal dehiscence. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2015, 36, 488-491.	1.3	2

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37	An in Vitro Biomechanical Model of Differing Pedicle Screw Configurations for Long Construct Segmental Thoracic Fixation. Operative Neurosurgery, 2017, 13, 718-723.	0.8	2
38	Prone Positionâ€“Induced Quadriceps Transcranial Motor Evoked Potentials Signal Lossâ€“A Case Report. Spine Deformity, 2018, 6, 627-630.	1.5	2
39	Editorial: Comparing minimally invasive, hybrid, and open surgical techniques for adult spinal deformity. Neurosurgical Focus, 2014, 36, E16.	2.3	1
40	Stent Coil Embolization of an Iatrogenic Cavernous Carotid Pseudoaneurysm. Journal of Neurological Surgery, Part B: Skull Base, 2012, 73, .	0.8	0
41	Reoperation Rates following Single-Level Lumbar Discectomy. Spine Journal, 2016, 16, S140-S141.	1.3	0
42	Motion preserving management of unstable traumatic clivus fracture extending through bilateral occipital condyles. Journal of Clinical Neuroscience, 2020, 80, 257-260.	1.5	0
43	Cervical Alignment and Sagittal Balance. , 2019, , 29-36.		0