

Morgan B Giers

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

309
citations

840776
11
h-index

888059
17
g-index

18
all docs

18
docs citations

18
times ranked

391
citing authors

#	ARTICLE	IF	CITATIONS
1	Preoperative estimation of disc herniation recurrence after microdiscectomy: predictive value of a multivariate model based on radiographic parameters. Spine Journal, 2017, 17, 390-400.	1.3	43
2	Hyaluronic acid scaffold has a neuroprotective effect in hemisection spinal cord injury. Journal of Neurosurgery: Spine, 2016, 25, 114-124.	1.7	39
3	Prospective Comparison of Microsurgical, Tubular-Based Endoscopic, and Endoscopically Assisted Discectomies: Clinical Effectiveness and Complications in Railway Workers. World Neurosurgery, 2016, 90, 273-280.	1.3	27
4	Biomechanical and Endplate Effects on Nutrient Transport in the Intervertebral Disc. World Neurosurgery, 2017, 99, 395-402.	1.3	26
5	Development of a standardized histopathology scoring system for human intervertebral disc degeneration: an Orthopaedic Research Society Spine Section Initiative. JOR Spine, 2021, 4, e1167.	3.2	25
6	Intelligence-Based Spine Care Model: A New Era of Research and Clinical Decision-Making. Global Spine Journal, 2021, 11, 135-145.	2.3	24
7	Apparent diffusion coefficient maps in the assessment of surgical patients with lumbar spine degeneration. PLoS ONE, 2017, 12, e0183697.	2.5	21
8	Genetic Predisposition to Symptomatic Lumbar Disk Herniation in Pediatric and Young Adult Patients. Spine, 2019, 44, E640-E649.	2.0	16
9	Distribution of molecules locally delivered from bone cement. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 806-814.	3.4	15
10	<scp>Patientâ€specific</scp> apparent diffusion maps used to model nutrient availability in degenerated intervertebral discs. JOR Spine, 2021, 4, e1179.	3.2	14
11	The Role of Bone Morphogenetic Proteins 2, 7, and 14 in Approaches for Intervertebral Disk Restoration. World Neurosurgery, 2015, 84, 871-873.	1.3	13
12	Spatiotemporal Quantification of Local Drug Delivery Using MRI. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-12.	1.3	11
13	Comparison of MRI Visualization Following Minimally Invasive and Open TLIF: A Retrospective Single-Center Study. Diagnostics, 2021, 11, 906.	2.6	8
14	3D-printed cranial models simulating operative field depth for microvascular training in neurosurgery. , 2021, 12, 213.		8
15	Jeannette Wilkins Award: Can Locally Delivered Gadolinium Be Visualized on MRI? A Pilot Study. Clinical Orthopaedics and Related Research, 2012, 470, 2654-2662.	1.5	7
16	Antimicrobial Distribution From Local Delivery Depends on Dose. Clinical Orthopaedics and Related Research, 2014, 472, 3324-3329.	1.5	7
17	Surgical treatment of lower lumbar spine pathology in children and adolescents. Pediatric Traumatology, Orthopaedics and Reconstructive Surgery, 2018, 6, 37-47.	0.3	4
18	APOPTOSIS, NUTRITION, AND METABOLISM OF TRANSPLANTED INTERVERTEBRAL DISC CELLS. Coluna/ Columna, 2018, 17, 317-322.	0.2	1