

# Morgan B Giers

## List of Publications by Year in descending order

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docs citations

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391  
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#	ARTICLE	IF	CITATIONS
1	Intelligence-Based Spine Care Model: A New Era of Research and Clinical Decision-Making. Global Spine Journal, 2021, 11, 135-145.	2.3	24
2	Comparison of MRI Visualization Following Minimally Invasive and Open TLIF: A Retrospective Single-Center Study. Diagnostics, 2021, 11, 906.	2.6	8
3	3D-printed cranial models simulating operative field depth for microvascular training in neurosurgery. , 2021, 12, 213.		8
4	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
5	<scp>Patientâ€specific</scp> apparent diffusion maps used to model nutrient availability in degenerated intervertebral discs. JOR Spine, 2021, 4, e1179.	3.2	14
6	Genetic Predisposition to Symptomatic Lumbar Disk Herniation in Pediatric and Young Adult Patients. Spine, 2019, 44, E640-E649.	2.0	16
7	APOPTOSIS, NUTRITION, AND METABOLISM OF TRANSPLANTED INTERVERTEBRAL DISC CELLS. Coluna/ Columna, 2018, 17, 317-322.	0.2	1
8	Surgical treatment of lower lumbar spine pathology in children and adolescents. Pediatric Traumatology, Orthopaedics and Reconstructive Surgery, 2018, 6, 37-47.	0.3	4
9	Biomechanical and Endplate Effects on Nutrient Transport in the Intervertebral Disc. World Neurosurgery, 2017, 99, 395-402.	1.3	26
10	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
11	Apparent diffusion coefficient maps in the assessment of surgical patients with lumbar spine degeneration. PLoS ONE, 2017, 12, e0183697.	2.5	21
12	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
13	Hyaluronic acid scaffold has a neuroprotective effect in hemisection spinal cord injury. Journal of Neurosurgery: Spine, 2016, 25, 114-124.	1.7	39
14	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
15	Distribution of molecules locally delivered from bone cement. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 806-814.	3.4	15
16	Antimicrobial Distribution From Local Delivery Depends on Dose. Clinical Orthopaedics and Related Research, 2014, 472, 3324-3329.	1.5	7
17	Spatiotemporal Quantification of Local Drug Delivery Using MRI. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-12.	1.3	11
18	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