Fred H Geisler

List of Publications by Year
in descending order

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55 papers	3,904 citations	257450 24 h-index	197818 49 g-index
57 all docs	57 docs citations	57 times ranked	2098 citing authors

#	Article	IF	Citations
1	Recovery of Motor Function after Spinal-Cord Injury â€" A Randomized, Placebo-Controlled Trial with GM-1 Ganglioside. New England Journal of Medicine, 1991, 324, 1829-1838.	27.0	540
2	A Prospective, Randomized, Multicenter Food and Drug Administration Investigational Device Exemptions Study of Lumbar Total Disc Replacement With the CHARITÃ‰â„¢ Artificial Disc Versus Lumbar Fusion. Spine, 2005, 30, 1565-1575.	2.0	495
3	The SygenÂ® Multicenter Acute Spinal Cord Injury Study. Spine, 2001, 26, S87-S98.	2.0	369
4	Prospective, randomized, multicenter Food and Drug Administration investigational device exemption study of lumbar total disc replacement with the CHARITÃ‰ artificial disc versus lumbar fusion: Five-year follow-up. Spine Journal, 2009, 9, 374-386.	1.3	261
5	Long-term Outcomes of the US FDA IDE Prospective, Randomized Controlled Clinical Trial Comparing PCM Cervical Disc Arthroplasty With Anterior Cervical Discectomy and Fusion. Spine, 2015, 40, 674-683.	2.0	183
6	Two-Year Fusion Rate Equivalency Between GraftonÂ® DBM Gel and Autograft in Posterolateral Spine Fusion. Spine, 2004, 29, 660-666.	2.0	177
7	The influence of timing of surgical decompression for acute spinal cord injury: a pooled analysis of individual patient data. Lancet Neurology, The, 2021, 20, 117-126.	10.2	175
8	A Prospective, Randomized, Controlled Clinical Investigation Comparing PCM Cervical Disc Arthroplasty With Anterior Cervical Discectomy and Fusion. Spine, 2013, 38, E907-E918.	2.0	171
9	Neurological complications of lumbar artificial disc replacement and comparison of clinical results with those related to lumbar arthrodesis in the literature: results of a multicenter, prospective, randomized investigational device exemption study of CharitÃ© intervertebral disc. Journal of Neurosurgery: Spine, 2004, 1, 143-154.	1.7	149
10	Measurements and Recovery Patterns in a Multicenter Study of Acute Spinal Cord Injury. Spine, 2001, 26, S68-S86.	2.0	137
11	Revisability of the CHARITÃ‰ Artificial Disc Replacement. Spine, 2006, 31, 1217-1226.	2.0	126
12	Reoperation in Patients After Anterior Cervical Plate Stabilization in Degenerative Disease. Spine, 1998, 23, 911-920.	2.0	116
13	Injury severity as primary predictor of outcome in acute spinal cord injury: retrospective results from a large multicenter clinical trial*1. Spine Journal, 2004, 4, 373-378.	1.3	91
14	Gangliosides: Treatment Avenues in Neurodegenerative Disease. Frontiers in Neurology, 2019, 10, 859.	2.4	79
15	Recruitment and Early Treatment in a Multicenter Study of Acute Spinal Cord Injury. Spine, 2001, 26, S58-S67.	2.0	75
16	Prognostic Value of Pinprick Preservation in Motor Complete, Sensory Incomplete Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2005, 86, 988-992.	0.9	63
17	Past and current clinical studies with GM-1 ganglioside in acute spinal cord injury. Annals of Emergency Medicine, 1993, 22, 1041-1047.	0.6	58
18	Superion Interspinous Process Spacer for Intermittent Neurogenic Claudication Secondary to Moderate Lumbar Spinal Stenosis. Spine, 2015, 40, 275-282.	2.0	55

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19	Evaluation of Surgical Volume and the Early Experience With Lumbar Total Disc Replacement as Part of the Investigational Device Exemption Study of the CharitÃ© Artificial Disc. Spine, 2006, 31, 2270-2276.	2.0	52
20	Five-year durability of stand-alone interspinous process decompression for lumbar spinal stenosis. Clinical Interventions in Aging, 2017, Volume 12, 1409-1417.	2.9	41
21	Distribution of in vivo and in vitro range of motion following 1-level arthroplasty with the CHARITÃ‰ artificial disc compared with fusion. Journal of Neurosurgery: Spine, 2008, 8, 7-12.	1.7	35
22	Clinical Trials of Pharmacotherapy for Spinal Cord Injury. Annals of the New York Academy of Sciences, 1998, 845, 374-381.	3.8	33
23	Surgical Technique of Lumbar Artificial Disc Replacement with the CharitÃ© Artificial Disc. Operative Neurosurgery, 2005, 56, ONS-46-ONS-57.	0.8	30
24	Quantification of Asymmetric Lung Pathophysiology as a Guide to the Use of Simultaneous Independent Lung Ventilation in Posttraumatic and Septic Adult Respiratory Distress Syndrome. Annals of Surgery, 1985, 202, 425-439.	4.2	29
25	Hemodynamic Parameters and Timing of Surgical Decompression in Acute Cervical Spinal Cord Injury. Journal of Spinal Cord Medicine, 2007, 30, 482-490.	1.4	26
26	Superion Interspinous Spacer Treatment of Moderate Spinal Stenosis: 4-Year Results. World Neurosurgery, 2017, 104, 279-283.	1.3	25
27	Geometric Results of Anterior Cervical Plate Stabilization in Degenerative Disease. Spine, 2004, 29, 1226-1234.	2.0	24
28	Patient selection for lumbar arthroplasty and arthrodesis: the effect of revision surgery in a controlled, multicenter, randomized study. Journal of Neurosurgery: Spine, 2008, 8, 13-16.	1.7	24
29	Effect of previous surgery on clinical outcome following 1-level lumbar arthroplasty. Journal of Neurosurgery: Spine, 2008, 8, 108-114.	1.7	24
30	Two-year clinical outcomes of a multicenter randomized controlled trial comparing two interspinous spacers for treatment of moderate lumbar spinal stenosis. BMC Musculoskeletal Disorders, 2014, 15, 221.	1.9	24
31	Stand-alone interspinous spacer versus decompressive laminectomy for treatment of lumbar spinal stenosis. Expert Review of Medical Devices, 2015, 12, 763-769.	2.8	23
32	Traumatic Thoracic ASIA A Examinations and Potential for Clinical Trials. Spine, 2009, 34, 2525-2529.	2.0	19
33	Effect of age on clinical and radiographic outcomes and adverse events following 1-level lumbar arthroplasty after a minimum 2-year follow-up. Journal of Neurosurgery: Spine, 2008, 8, 101-107.	1.7	18
34	Anterior cervical plating for the treatment of neoplasms in the cervical vertebrae. Journal of Neurosurgery: Spine, 1999, 90, 27-34.	1.7	16
35	Spinal cord injury. Lancet, The, 2002, 360, 1883.	13.7	15
36	Complications of Lumbar Artificial Disc Replacement Compared to Fusion: Results From the Prospective, Randomized, Multicenter US Food and Drug Administration Investigational Device Exemption Study of the CharitÃ© Artificial Disc. SAS Journal, 2007, 1, 20-27.	1.3	15

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37	Superion® InterSpinous Spacer for treatment of moderate degenerative lumbar spinal stenosis: durable three-year results of a randomized controlled trial. Journal of Pain Research, 2015, 8, 657.	2.0	15
38	Prospective, Randomized, Multicenter FDA IDE Study of CHARITÃ‰ Artificial Disc versus Lumbar Fusion: Effect at 5-year Follow-up of Prior Surgery and Prior Discectomy on Clinical Outcomes Following Lumbar Arthroplasty. SAS Journal, 2009, 3, 17-25.	1.3	11
39	Interspinous Process Decompression: Expanding Treatment Options for Lumbar Spinal Stenosis. BioMed Research International, 2016, 2016, 1-5.	1.9	11
40	Prospective, Randomized, Multicenter FDA IDE Study of CHARITÃ‰ Artificial Disc versus Lumbar Fusion: Effect at 5-year Follow-up of Prior Surgery and Prior Discectomy on Clinical Outcomes Following Lumbar Arthroplasty. International Journal of Spine Surgery, 2009, 3, 17-25.	1.5	11
41	Complications of Lumbar Artificial Disc Replacement Compared to Fusion: Results From the Prospective, Randomized, Multicenter US Food and Drug Administration Investigational Device Exemption Study of the CharitÃ© Artificial Disc. International Journal of Spine Surgery, 2007, 1, 20-27.	1.5	10
42	Surgical Treatment for Discogenic Low-Back Pain: Lumbar Arthroplasty Results in Superior Pain Reduction and Disability Level Improvement Compared With Lumbar Fusion. SAS Journal, 2007, 1, 12-19.	1.3	9
43	Interspinous Process Decompression Improves Quality of Life in Patients with Lumbar Spinal Stenosis. Minimally Invasive Surgery, 2018, 2018, 1-4.	0.5	9
44	Surgical Treatment for Discogenic Low-Back Pain: Lumbar Arthroplasty Results in Superior Pain Reduction and Disability Level Improvement Compared With Lumbar Fusion. International Journal of Spine Surgery, 2007, 1, 12-19.	1.5	8
45	Routine Blood Chemistry Predicts Functional Recovery After Traumatic Spinal Cord Injury: A Post Hoc Analysis. Neurorehabilitation and Neural Repair, 2021, 35, 321-333.	2.9	7
46	A New Noninvasive Method for the Simultaneous Determination of Cardiac Output, &OV0312;A/&OV0422;Ä‡ Disparity, and the Magnitude of Peripheral Perfusion, Suitable for Use in the Critically Ill Patient. Journal of Trauma, 1978, 18, 751-765.	2.3	6
47	Computer-based evaluation of cardiopulmonary function for the optimization of ventilatory therapy in the adult respiratory distress syndrome. Journal of Clinical Monitoring and Computing, 1984, 1, 107-126.	0.3	5
48	The First 18 Months Following Food and Drug Administration Approval of Lumbar Total Disc Replacement in the United States: Reported Adverse Events Outside an Investigational Device Exemption Study Environment. International Journal of Spine Surgery, 2007, 1, 8-11.	1.5	4
49	The First 18 Months Following Food and Drug Administration Approval of Lumbar Total Disc Replacement in the United States: Reported Adverse Events Outside an Investigational Device Exemption Study Environment. SAS Journal, 2007, 1, 8-11.	1.3	3
50	The CharitÃ©â„¢ Artificial Disc. , 2007, , 253-277.		1
51	Spinal Cord Injuries. , 2010, , 137-147.		1
52	Bone Graft Extenders. Journal of Neurosurgery: Spine, 2005, 3, 332; author reply 332-3.	1.7	0
53	Guidelines for GM-1 in Acute Spinal Cord Injury. Neurosurgery, 2013, 73, E383-E384.	1.1	0
54	Spinal Cord Injuries. , 2001, , 205-217.		0

#	Article	IF	Citations
55	Lumbar Spinal Arthroplasty. , 2012, , 1883-1889.		0