

William E Clifton

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

571
citations

687363

13
h-index

713466

21
g-index

72
all docs

72
docs citations

72
times ranked

643
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing Creativity Specific to Engineering with the Revised Creative Engineering Design Assessment. <i>Journal of Engineering Education</i> , 2011, 100, 778-799.	3.0	70
2	Understanding the Impact of Obesity on Short-term Outcomes and In-hospital Costs After Instrumented Spinal Fusion. <i>Neurosurgery</i> , 2016, 78, 127-132.	1.1	55
3	Considerations and Cautions for Three-Dimensional-Printed Personal Protective Equipment in the COVID-19 Crisis. <i>3D Printing and Additive Manufacturing</i> , 2020, 7, 97-99.	2.9	44
4	Long-term clinical outcome of minimally invasive versus open single-level transforaminal lumbar interbody fusion for degenerative lumbar diseases: a meta-analysis. <i>Spine Journal</i> , 2021, 21, 2049-2065.	1.3	42
5	Development of a Novel 3D Printed Phantom for Teaching Neurosurgical Trainees the Freehand Technique of C2 Laminar Screw Placement. <i>World Neurosurgery</i> , 2019, 129, e812-e820.	1.3	28
6	Prognostic factors and survival in low grade gliomas of the spinal cord: A population-based analysis from 2006 to 2012. <i>Journal of Clinical Neuroscience</i> , 2019, 61, 14-21.	1.5	22
7	A Feasibility Study for the Production of Three-dimensional-printed Spine Models Using Simultaneously Extruded Thermoplastic Polymers. <i>Cureus</i> , 2019, 11, e4440.	0.5	21
8	The importance of teaching clinical anatomy in surgical skills education: Spare the patient, use a sim!. <i>Clinical Anatomy</i> , 2020, 33, 124-127.	2.7	18
9	Investigation of a 3D printed dynamic cervical spine model for anatomy and physiology education. <i>Clinical Anatomy</i> , 2021, 34, 30-39.	2.7	17
10	Neuropsychology Outcomes Following Trephine Epilepsy Surgery: The Inferior Temporal Gyrus Approach for Amygdalohippocampectomy in Medically Refractory Mesial Temporal Lobe Epilepsy. <i>Neurosurgery</i> , 2018, 82, 833-841.	1.1	16
11	Cost-Effective Method for 3-Dimensional Printing Dynamic Multiobject and Patient-Specific Brain Tumor Models: Technical Note. <i>World Neurosurgery</i> , 2020, 140, 173-179.	1.3	16
12	Biomimetic 3-Dimensional Printed Posterior Cervical Laminectomy and Fusion Simulation: Advancements in Education Tools for Trainee Instruction. <i>World Neurosurgery</i> , 2020, 135, 308.	1.3	15
13	The pharyngeal plexus: an anatomical review for better understanding postoperative dysphagia. <i>Neurosurgical Review</i> , 2021, 44, 763-772.	2.4	14
14	Investigation and Feasibility of Combined 3D Printed Thermoplastic Filament and Polymeric Foam to Simulate the Cortiocancellous Interface of Human Vertebrae. <i>Scientific Reports</i> , 2020, 10, 2912.	3.3	13
15	How I do it: total uncinectomy during anterior discectomy and fusion for cervical radiculopathy caused by uncovertebral joint hypertrophy. <i>Acta Neurochirurgica</i> , 2019, 161, 2229-2232.	1.7	12
16	The Future of Biomechanical Spine Research: Conception and Design of a Dynamic 3D Printed Cervical Myelography Phantom. <i>Cureus</i> , 2019, 11, e4591.	0.5	12
17	Sensitivity of Green's Word Memory Test Genuine Memory Impairment Profile to Temporal Pathology: A Study in Patients With Temporal Lobe Epilepsy. <i>Clinical Neuropsychologist</i> , 2014, 28, 941-953.	2.3	11
18	The SpineBox: A Freely Available, Open-access, 3D-printed Simulator Design for Lumbar Pedicle Screw Placement. <i>Cureus</i> , 2020, 12, e7738.	0.5	11

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19	The three-dimensional printing renaissance of individualized anatomical modeling: Are we repeating history?. <i>Clinical Anatomy</i> , 2020, 33, 428-430.	2.7	10
20	Development of a Lumbar Drain Simulator for Instructional Technique and Skill Assessment. <i>Neurocritical Care</i> , 2020, 32, 894-898.	2.4	8
21	Ex vivo virtual and 3D printing methods for evaluating an anatomy-based spinal instrumentation technique for the 12th thoracic vertebra. <i>Clinical Anatomy</i> , 2020, 33, 458-467.	2.7	7
22	Orientation Planning in the Fused Deposition Modeling 3D Printing of Anatomical Spine Models. <i>Cureus</i> , 2020, 12, e7081.	0.5	7
23	Clinical implications of nervus intermedius variants in patients with geniculate neuralgia: Let anatomy be the guide. <i>Clinical Anatomy</i> , 2020, 33, 1056-1061.	2.7	6
24	Microsphere Embolization of Hypervascular Posterior Fossa Tumors. <i>World Neurosurgery</i> , 2018, 109, 182-187.	1.3	5
25	Surgically Treated de Novo Cervicomedullary Arachnoid Cyst in Symptomatic Adult Patient. <i>World Neurosurgery</i> , 2018, 116, 329-332.	1.3	5
26	Freehand C2 Pedicle Screw Placement: Surgical Anatomy and Operative Technique. <i>World Neurosurgery</i> , 2019, 132, 113.	1.3	5
27	Delayed Myelopathy in Patients with Traumatic Preganglionic Brachial Plexus Avulsion Injuries. <i>World Neurosurgery</i> , 2019, 122, e1562-e1569.	1.3	5
28	Microanatomical considerations for safe unciniate removal during anterior cervical discectomy and fusion: 10-year experience. <i>Clinical Anatomy</i> , 2020, 33, 920-926.	2.7	5
29	Three-Dimensionally Printed Surgical Simulation Tool for Brain Mapping Training and Preoperative Planning. <i>Operative Neurosurgery</i> , 2021, 21, 523-532.	0.8	5
30	Use of Handheld Video Otoscopy for the Diagnosis of Acute Otitis Media: Technical Note. <i>Cureus</i> , 2019, 11, e5547.	0.5	5
31	The Eye of Horus: The Connection Between Art, Medicine, and Mythology in Ancient Egypt. <i>Cureus</i> , 2019, 11, e4731.	0.5	5
32	Vertebral Artery Injury with Coinciding Unstable Cervical Spine Trauma: Mechanisms, Evidence-based Management, and Treatment Options. <i>Cureus</i> , 2020, 12, e7225.	0.5	5
33	Reflections of a Millennial Surgeon. <i>JAMA Surgery</i> , 2020, 155, 685.	4.3	4
34	Investigation of the "Superior Facet Rule" Using 3D-Printed Thoracic Vertebrae With Simulated Corticocancellous Interface. <i>World Neurosurgery</i> , 2020, 143, e51-e59.	1.3	4
35	Delayed cervical palsy following cervical spine fusion leads to an increase in hospital-related costs. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 11-14.	1.7	3
36	Infection or Glioma? The False Dilemma of Primary Central Nervous System Histiocytic Sarcoma. <i>World Neurosurgery</i> , 2017, 106, 1053.e1-1053.e5.	1.3	3

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37	Paradoxical Distraction with Upright Position After Halo Fixation in 2 Patients with Atlanto-Occipital Dislocation. <i>World Neurosurgery</i> , 2018, 110, 303-308.	1.3	3
38	How I do it: tapered rod placement across the cervicothoracic junction for augmented posterior constructs. <i>Acta Neurochirurgica</i> , 2019, 161, 2429-2431.	1.7	3
39	3-Dimensionally Printed Biomimetic Surgical Simulation—Operative Technique of a Transforaminal Lumbar Interbody Fusion: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E153-E153.	0.8	3
40	Neurosurgical Interactive Teaching Series: Multidisciplinary Educational Approach. <i>World Neurosurgery</i> , 2020, 144, e766-e773.	1.3	3
41	Does Surgical Intervention Help with Neurological Recovery in a Lumbar Spinal Gun Shot Wound? A Case Report and Literature Review. <i>Cureus</i> , 2019, 11, e4978.	0.5	3
42	Total Anterior Uncinectomy During Anterior Discectomy and Fusion for Recurrent Cervical Radiculopathy: A Two-dimensional Operative Video and Technical Report. <i>Cureus</i> , 2020, 12, e7466.	0.5	3
43	Emergency Airway Management During Awake Craniotomy: Comparison of 5 Techniques in a Cadaveric Model. <i>Journal of Neurosurgical Anesthesiology</i> , 2022, 34, 74-78.	1.2	3
44	Idiopathic localizing signs and atypical symptoms of cervical disk pathology: A case report. <i>Journal of Clinical Neuroscience</i> , 2019, 61, 293-295.	1.5	2
45	Establishing a Cost-Effective 3-Dimensional Printing Laboratory for Anatomical Modeling and Simulation. <i>Simulation in Healthcare</i> , 2021, 16, 213-220.	1.2	2
46	Investigation of a Cost-effective and Durable Material for Containing Ballistic Gel in the Construction of Ultrasound Phantoms. <i>Cureus</i> , 2019, 11, e5220.	0.5	2
47	Letter to the Editor. Safety in the use of a high-speed burr for total uncinectomy during ACDF. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 488-489.	1.7	2
48	Cervical spine osteomyelitis in head and neck cancer patients: Looking twice for posterior hypopharyngeal dehiscence. <i>Radiology of Infectious Diseases</i> , 2018, 5, 81-84.	0.0	1
49	Techniques and Tips for Freehand Placement of C7 Pedicle Screws With Respect to Cervicothoracic Constructs: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 18, E234-E234.	0.8	1
50	Letter: The Living Spine Model: A Biomimetic Surgical Training and Education Tool. <i>Operative Neurosurgery</i> , 2020, 19, E331-E331.	0.8	1
51	Safety and Accuracy of the Freehand Placement of C7 Pedicle Screws in Cervical and Cervicothoracic Constructs. <i>Cureus</i> , 2019, 11, e5304.	0.5	1
52	A Case of Delayed Paraplegia Following Missed Diagnosis on Computed Tomography. <i>Cureus</i> , 2019, 11, e4151.	0.5	1
53	Mysterious Civilizations: Is There a Connection between Medicine and Architecture in Ancient Egypt and Peru?. <i>Cureus</i> , 2019, 11, e4576.	0.5	1
54	Construction of an Affordable Lumbar Neuraxial Block Model Using 3D Printed Materials. <i>Cureus</i> , 2019, 11, e6033.	0.5	1

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55	An Anatomical Method for Rib Disconnection During Posterior Costotransversectomy for Paravertebral Access to the Ventral Thoracic Spine. <i>World Neurosurgery</i> , 2022, 164, 367-373.	1.3	1
56	Abdominal wall paresis after posterior spine surgery: An anatomic explanation. <i>Clinical Neurology and Neurosurgery</i> , 2019, 186, 105551.	1.4	0
57	3-Dimensional Simulation Videography for Instructional Placement of Bedside External Ventricular Drains. <i>World Neurosurgery</i> , 2019, 131, 242.	1.3	0
58	Finding the "Sweet Spot" for C2 Root Transection in C1 Lateral Mass Exposure. <i>World Neurosurgery</i> , 2019, 127, e738-e744.	1.3	0
59	Operative Adjuncts and Technique for En Bloc Removal of Lumbar Intradural-Extramedullary Tumor: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 18, E235-E235.	0.8	0
60	A Unique Approach to Building a Learner-Guided Ultrasound Simulator for Central Venous Access Training. <i>Ultrasound Quarterly</i> , 2020, 36, 275-279.	0.8	0
61	Change the Trainee, or Change the Training Environment? "Reply. <i>JAMA Surgery</i> , 2020, 155, 1173.	4.3	0
62	In Reply to the Letter to the Editor Regarding "Development of a Novel 3D Printed Phantom for Teaching Neurosurgical Trainees the Freehand Technique of C2 Laminar Screw Placement". <i>World Neurosurgery</i> , 2020, 136, 439.	1.3	0
63	Iatrogenic Lumbar Arachnoid Cyst Fenestration for Tethered Cord: 2-Dimensional Operative Video. <i>World Neurosurgery</i> , 2020, 135, 130.	1.3	0
64	Arachnoid Web Fenestration: Diagnostic and Surgical Nuances. <i>World Neurosurgery</i> , 2021, 150, 92.	1.3	0
65	Proposed procedural algorithm for the cost-effective use of cadaveric torsos in the training of neurosurgical residents. <i>BMJ Simulation and Technology Enhanced Learning</i> , 2020, 6, 178-179.	0.7	0
66	The Importance of the Pars Interarticularis as a Landmark for Safe Lumbar Pedicle Screw Placement: Technical Note. <i>Cureus</i> , 2019, 11, e4413.	0.5	0
67	Troubleshooting a Rare Anatomic Variation with Intraoperative Navigation in a Patient with Bilateral C2 Pars Fractures. <i>Cureus</i> , 2019, 11, e4427.	0.5	0
68	Freehand C2 Laminar Screw Placement: Technical Note and Operative Video. <i>Cureus</i> , 2019, 11, e5549.	0.5	0
69	Cervicothoracic Manipulation Techniques Reviewed Utilizing Three-Dimensional Spine Model. <i>Cureus</i> , 2019, 11, e5836.	0.5	0
70	Decisions matter: choosing conscience over comfort. <i>Journal of Neurosurgery</i> , 2020, 132, 673-674.	1.6	0
71	Does Thoracic Manipulation Cause Extravasation at Joint Following Facet Injections?. <i>Cureus</i> , 2020, 12, e11340.	0.5	0
72	Imparting knowledge to a unique generation of budding clinical anatomists. <i>Clinical Anatomy</i> , 2022, , .	2.7	0