

Beatrice Ugiliweneza

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

1,084
citations

361413

20
h-index

454955

30
g-index

64
all docs

64
docs citations

64
times ranked

1255
citing authors

#	ARTICLE	IF	CITATIONS
1	Health Care Utilization in Patients Undergoing Repeat Stereotactic Radiosurgery for Vestibular Schwannoma with 5-Year Follow-up: A National Database Analysis. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, 019-027.	0.8	4
2	Spinal cord imaging markers and recovery of standing with epidural stimulation in individuals with clinically motor complete spinal cord injury. <i>Experimental Brain Research</i> , 2022, 240, 279-288.	1.5	12
3	Durability of Improved Trunk Control Following Activity-Based Locomotor Training in Children With Acquired Spinal Cord Injuries. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2022, 28, 53-63.	1.8	1
4	Impact of age on mortality and complications in patients with Ankylosing Spondylitis spine fractures. <i>Journal of Clinical Neuroscience</i> , 2022, 95, 188-197.	1.5	1
5	Retrospective trends in length of stay and bowel management at discharge from inpatient rehabilitation among individuals with spinal cord injury. <i>Spinal Cord</i> , 2022, , .	1.9	0
6	The Phenotypes of Anxiety and Depression: Analysis of Combined Comorbidity and Treatment in Patients Undergoing Spinal Fusion. <i>Neurosurgery</i> , 2022, 91, 103-114.	1.1	3
7	Targeting bladder function with network-specific epidural stimulation after chronic spinal cord injury. <i>Scientific Reports</i> , 2022, 12, .	3.3	12
8	Restoration of autonomic cardiovascular regulation in spinal cord injury with epidural stimulation: a case series. <i>Clinical Autonomic Research</i> , 2021, 31, 317-320.	2.5	22
9	Bladder and bowel responses to lumbosacral epidural stimulation in uninjured and transected anesthetized rats. <i>Scientific Reports</i> , 2021, 11, 3268.	3.3	9
10	Long-term impact of abusive head trauma in young children: Outcomes at 5 and 11 years old. <i>Journal of Pediatric Surgery</i> , 2021, 56, 2318-2325.	1.6	13
11	Preoperative and Postoperative Opioid Dependence in Patients Undergoing Anterior Cervical Discectomy and Fusion for Degenerative Spinal Disorders. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2021, 82, 232-240.	0.8	3
12	Single and sequential voluntary cough in children with chronic spinal cord injury. <i>Respiratory Physiology and Neurobiology</i> , 2021, 285, 103604.	1.6	1
13	Impact of US hospital center and interhospital transfer on spinal cord injury management: An analysis of the National Trauma Data Bank. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 90, 1067-1076.	2.1	9
14	Burden of preoperative opioid use and its impact on healthcare utilization after primary single level lumbar discectomy. <i>Spine Journal</i> , 2021, 21, 1700-1710.	1.3	10
15	Health Care Utilization and Associated Economic Burden of Postoperative Surgical Site Infection after Spinal Surgery with Follow-Up of 24 Months. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2021, , .	0.8	3
16	Patterns and Impact of Electronic Health Records-Defined Depression Phenotypes in Spine Surgery. <i>Neurosurgery</i> , 2021, 89, E19-E32.	1.1	5
17	Spine Surgery in the Octogenarian Population: A Comparison of Demographics, Surgical Approach, and Healthcare Utilization With the PearlDiver Database. <i>Cureus</i> , 2021, 13, e14561.	0.5	2
18	Clinical Trial Designs for Neuromodulation in Chronic Spinal Cord Injury Using Epidural Stimulation. <i>Neuromodulation</i> , 2021, 24, 405-415.	0.8	4

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19	Novel Clinimetric Toolset to Quantify the Stability of Blood Pressure and Its Application to Evaluate Cardiovascular Function After Spinal Cord Injury. <i>Frontiers in Analytical Science</i> , 2021, 1, .	2.4	1
20	Impact of preoperative treatment of osteoporosis on re-operations, complications and health care utilization in patients undergoing thoraco-lumbar spine fusions. A 5-year national database analysis. <i>Journal of Clinical Neuroscience</i> , 2021, 93, 122-129.	1.5	2
21	Predictors of volitional motor recovery with epidural stimulation in individuals with chronic spinal cord injury. <i>Brain</i> , 2021, 144, 420-433.	7.6	28
22	Noninvasive spinal stimulation safely enables upright posture in children with spinal cord injury. <i>Nature Communications</i> , 2021, 12, 5850.	12.8	24
23	Longitudinal Trends and Prevalence of Bowel Management in Individuals With Spinal Cord Injury. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2021, 27, 53-67.	1.8	7
24	Simulating Episode-Based Bundled Payments for Cranial Neurosurgical Procedures. <i>Neurosurgery</i> , 2020, 87, 86-95.	1.1	10
25	Long-Term Comparison of Health Care Utilization and Reoperation Rates in Patients Undergoing Cervical Disc Arthroplasty and Anterior Cervical Discectomy and Fusion for Cervical Degenerative Disc Disease. <i>World Neurosurgery</i> , 2020, 134, e855-e865.	1.3	15
26	Spinal Cord Imaging Markers and Recovery of Volitional Leg Movement With Spinal Cord Epidural Stimulation in Individuals With Clinically Motor Complete Spinal Cord Injury. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 559313.	2.5	25
27	Heart rate and blood pressure response improve the prediction of orthostatic cardiovascular dysregulation in persons with chronic spinal cord injury. <i>Physiological Reports</i> , 2020, 8, e14617.	1.7	16
28	Beneficial Cardiac Structural and Functional Adaptations After Lumbosacral Spinal Cord Epidural Stimulation and Task-Specific Interventions: A Pilot Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 554018.	2.8	10
29	Systolic and diastolic function in chronic spinal cord injury. <i>PLoS ONE</i> , 2020, 15, e0236490.	2.5	4
30	Epidural stimulation for cardiovascular function increases lower limb lean mass in individuals with chronic motor complete spinal cord injury. <i>Experimental Physiology</i> , 2020, 105, 1684-1691.	2.0	9
31	Recombinant Human Bone Morphogenetic Proteinâ€™2 Use in Adult Spinal Deformity Surgery: Comparative Analysis and Healthcare Utilization at 24 Monthsâ€™ Follow-up. <i>Global Spine Journal</i> , 2020, 12, 219256822094737.	2.3	7
32	Contribution of Trunk Muscles to Upright Sitting with Segmental Support in Children with Spinal Cord Injury. <i>Children</i> , 2020, 7, 278.	1.5	1
33	Factors Impacting Outcomes and Health Care Utilization in Osteoporotic Patients Undergoing Lumbar Spine Fusions: A MarketScan Database Analysis. <i>World Neurosurgery</i> , 2020, 141, e976-e988.	1.3	2
34	Improvements in Bladder Function Following Activity-Based Recovery Training With Epidural Stimulation After Chronic Spinal Cord Injury. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 614691.	2.5	28
35	Sensitivity to change and responsiveness of the Segmental Assessment of Trunk Control (SATCo) in children with spinal cord injury. <i>Developmental Neurorehabilitation</i> , 2019, 22, 260-271.	1.1	22
36	Ninety-Day Bundled Payment Reimbursement for Patients Undergoing Anterior and Posterior Procedures for Degenerative Cervical Radiculopathy. <i>Neurosurgery</i> , 2019, 85, E851-E859.	1.1	4

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37	Feasibility of Bundled Payments in Anterior, Middle, and Posterior Cranial Fossa Skull Base Meningioma Surgery: MarketScan Analysis of Health Care Utilization and Outcomes. <i>World Neurosurgery</i> , 2019, 131, e116-e127.	1.3	8
38	Optimizing Neuromuscular Electrical Stimulation Pulse Width and Amplitude to Promote Central Activation in Individuals With Severe Spinal Cord Injury. <i>Frontiers in Physiology</i> , 2019, 10, 1310.	2.8	16
39	Bundled Payment Models in Spine Surgery: Current Challenges and Opportunities, a Systematic Review. <i>World Neurosurgery</i> , 2019, 123, 177-183.	1.3	55
40	Differences in clinical outcomes and health care utilization between octogenarians and nonagenarians following decompression for lumbar spinal stenosis. A market scan analysis. <i>Clinical Neurology and Neurosurgery</i> , 2019, 182, 63-69.	1.4	8
41	Opioid Dependence and Health Care Utilization After Decompression and Fusion in Patients With Adult Degenerative Scoliosis. <i>Spine</i> , 2019, 44, 280-290.	2.0	21
42	Health Care Utilization and Payments of Postoperative and Drug Abuse-Related Spinal Infections. <i>Spine</i> , 2019, 44, 1449-1455.	2.0	5
43	Muscle Activation Patterns During Movement Attempts in Children With Acquired Spinal Cord Injury: Neurophysiological Assessment of Residual Motor Function Below the Level of Lesion. <i>Frontiers in Neurology</i> , 2019, 10, 1295.	2.4	7
44	Activity-Based Therapy Targeting Neuromuscular Capacity After Pediatric-Onset Spinal Cord Injury. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2019, 25, 132-149.	1.8	14
45	Insights into complication rates, reoperation rates, and healthcare utilization associated with use of recombinant human bone morphogenetic protein α 2 in patients with spine infections. <i>Neurosurgical Focus</i> , 2019, 46, E8.	2.3	12
46	Demographics and Outcomes of Spine Surgery in Octogenarians and Nonagenarians: A Comparison of the National Inpatient Sample, MarketScan and National Surgical Quality Improvement Program Databases. <i>Cureus</i> , 2019, 11, e6195.	0.5	6
47	Impact of Surgical Timing and Approaches to Health Care Utilization in Patients Undergoing Surgery for Acute Traumatic Cervical Spinal Cord Injury. <i>Cureus</i> , 2019, 11, e6166.	0.5	2
48	Health care utilization and overall costs based on opioid dependence in patients undergoing surgery for degenerative spondylolisthesis. <i>Neurosurgical Focus</i> , 2018, 44, E14.	2.3	12
49	Survival in elderly glioblastoma patients treated with bevacizumab-based regimens in the United States. <i>Neuro-Oncology Practice</i> , 2018, 5, 251-261.	1.6	10
50	Normalization of Blood Pressure With Spinal Cord Epidural Stimulation After Severe Spinal Cord Injury. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 83.	2.0	81
51	Factors predicting opioid dependence in patients undergoing surgery for degenerative spondylolisthesis: analysis from the MarketScan databases. <i>Journal of Neurosurgery: Spine</i> , 2018, 29, 271-278.	1.7	28
52	Long-term impact of abusive head trauma in young children. <i>Child Abuse and Neglect</i> , 2018, 85, 39-46.	2.6	35
53	Spine Surgery Outcomes in Elderly Patients Versus General Adult Patients in the United States: A MarketScan Analysis. <i>World Neurosurgery</i> , 2017, 103, 780-788.	1.3	27
54	Racial Disparities in Elderly Patients Receiving Lumbar Spinal Stenosis Surgery. <i>Global Spine Journal</i> , 2017, 7, 162-169.	2.3	18

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55	Scoliosis surgery in the elderly: Complications, readmissions, reoperations and mortality. Journal of Clinical Neuroscience, 2016, 34, 158-161.	1.5	17
56	A Surveillance, Epidemiology and End Results-Medicare data analysis of elderly patients with glioblastoma multiforme: Treatment patterns, outcomes and cost. Molecular and Clinical Oncology, 2015, 3, 971-978.	1.0	27
57	Surgery for Spinal Stenosis. Spine, 2014, 39, 978-987.	2.0	39
58	Spinal Surgery. Spine, 2014, 39, 1235-1242.	2.0	112
59	Interspinous device versus laminectomy for lumbar spinal stenosis: a comparative effectiveness study. Spine Journal, 2014, 14, 1484-1492.	1.3	22
60	Utilization of Spinal Cord Stimulation in Patients With Failed Back Surgery Syndrome. Spine, 2014, 39, E719-E727.	2.0	43
61	Racial Disparities in Outcomes of Spinal Surgery for Lumbar Stenosis. Spine, 2013, 38, 927-935.	2.0	66
62	Disparities in the Outcomes of Lumbar Spinal Stenosis Surgery Based on Insurance Status. Spine, 2013, 38, 1119-1127.	2.0	32
63	Racial Disparities in Outcomes after Spinal Cord Injury. Journal of Neurotrauma, 2013, 30, 492-497.	3.4	32
64	90-Day Bundled Payment Simulation, Health Care Utilization, and Complications following Craniopharyngioma Resection in Adult Patients. Journal of Neurological Surgery, Part B: Skull Base, 0, ..	0.8	0