Beatrice Ugiliweneza

List of Publications by Year
in descending order

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64	1,084	361413	454955
papers	citations	20 h-index	30 g-index

64	64	64	1255
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spinal Surgery. Spine, 2014, 39, 1235-1242.	2.0	112
2	Normalization of Blood Pressure With Spinal Cord Epidural Stimulation After Severe Spinal Cord Injury. Frontiers in Human Neuroscience, 2018, 12, 83.	2.0	81
3	Racial Disparities in Outcomes of Spinal Surgery for Lumbar Stenosis. Spine, 2013, 38, 927-935.	2.0	66
4	Bundled Payment Models in Spine Surgery: Current Challenges and Opportunities, a Systematic Review. World Neurosurgery, 2019, 123, 177-183.	1.3	55
5	Utilization of Spinal Cord Stimulation in Patients With Failed Back Surgery Syndrome. Spine, 2014, 39, E719-E727.	2.0	43
6	Surgery for Spinal Stenosis. Spine, 2014, 39, 978-987.	2.0	39
7	Long-term impact of abusive head trauma in young children. Child Abuse and Neglect, 2018, 85, 39-46.	2.6	35
8	Disparities in the Outcomes of Lumbar Spinal Stenosis Surgery Based on Insurance Status. Spine, 2013, 38, 1119-1127.	2.0	32
9	Racial Disparities in Outcomes after Spinal Cord Injury. Journal of Neurotrauma, 2013, 30, 492-497.	3.4	32
10	Factors predicting opioid dependence in patients undergoing surgery for degenerative spondylolisthesis: analysis from the MarketScan databases. Journal of Neurosurgery: Spine, 2018, 29, 271-278.	1.7	28
11	Improvements in Bladder Function Following Activity-Based Recovery Training With Epidural Stimulation After Chronic Spinal Cord Injury. Frontiers in Systems Neuroscience, 2020, 14, 614691.	2.5	28
12	Predictors of volitional motor recovery with epidural stimulation in individuals with chronic spinal cord injury. Brain, 2021, 144, 420-433.	7.6	28
13	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
14	Spine Surgery Outcomes in Elderly Patients Versus General Adult Patients in the United States: A MarketScan Analysis. World Neurosurgery, 2017, 103, 780-788.	1.3	27
15	Spinal Cord Imaging Markers and Recovery of Volitional Leg Movement With Spinal Cord Epidural Stimulation in Individuals With Clinically Motor Complete Spinal Cord Injury. Frontiers in Systems Neuroscience, 2020, 14, 559313.	2.5	25
16	Noninvasive spinal stimulation safely enables upright posture in children with spinal cord injury. Nature Communications, 2021, 12, 5850.	12.8	24
17	Interspinous device versus laminectomy for lumbar spinal stenosis: a comparative effectiveness study. Spine Journal, 2014, 14, 1484-1492.	1.3	22
18	Sensitivity to change and responsiveness of the Segmental Assessment of Trunk Control (SATCo) in children with spinal cord injury. Developmental Neurorehabilitation, 2019, 22, 260-271.	1.1	22

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19	Restoration of autonomic cardiovascular regulation in spinal cord injury with epidural stimulation: a case series. Clinical Autonomic Research, 2021, 31, 317-320.	2.5	22
20	Opioid Dependence and Health Care Utilization After Decompression and Fusion in Patients With Adult Degenerative Scoliosis. Spine, 2019, 44, 280-290.	2.0	21
21	Racial Disparities in Elderly Patients Receiving Lumbar Spinal Stenosis Surgery. Global Spine Journal, 2017, 7, 162-169.	2.3	18
22	Scoliosis surgery in the elderly: Complications, readmissions, reoperations and mortality. Journal of Clinical Neuroscience, 2016, 34, 158-161.	1.5	17
23	Optimizing Neuromuscular Electrical Stimulation Pulse Width and Amplitude to Promote Central Activation in Individuals With Severe Spinal Cord Injury. Frontiers in Physiology, 2019, 10, 1310.	2.8	16
24	Heart rate and blood pressure response improve the prediction of orthostatic cardiovascular dysregulation in persons with chronic spinal cord injury. Physiological Reports, 2020, 8, e14617.	1.7	16
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. World Neurosurgery, 2020, 134, e855-e865.	1.3	15
26	Activity-Based Therapy Targeting Neuromuscular Capacity After Pediatric-Onset Spinal Cord Injury. Topics in Spinal Cord Injury Rehabilitation, 2019, 25, 132-149.	1.8	14
27	Long-term impact of abusive head trauma in young children: Outcomes at 5 and 11 years old. Journal of Pediatric Surgery, 2021, 56, 2318-2325.	1.6	13
28	Health care utilization and overall costs based on opioid dependence in patients undergoing surgery for degenerative spondylolisthesis. Neurosurgical Focus, 2018, 44, E14.	2.3	12
29	Insights into complication rates, reoperation rates, and healthcare utilization associated with use of recombinant human bone morphogenetic proteinâ€“2 in patients with spine infections. Neurosurgical Focus, 2019, 46, E8.	2.3	12
30	Spinal cord imaging markers and recovery of standing with epidural stimulation in individuals with clinically motor complete spinal cord injury. Experimental Brain Research, 2022, 240, 279-288.	1.5	12
31	Targeting bladder function with network-specific epidural stimulation after chronic spinal cord injury. Scientific Reports, 2022, 12, .	3.3	12
32	Survival in elderly glioblastoma patients treated with bevacizumab-based regimens in the United States. Neuro-Oncology Practice, 2018, 5, 251-261.	1.6	10
33	Simulating Episode-Based Bundled Payments for Cranial Neurosurgical Procedures. Neurosurgery, 2020, 87, 86-95.	1.1	10
34	Beneficial Cardiac Structural and Functional Adaptations After Lumbosacral Spinal Cord Epidural Stimulation and Task-Specific Interventions: A Pilot Study. Frontiers in Neuroscience, 2020, 14, 554018.	2.8	10
35	Burden of preoperative opioid use and its impact on healthcare utilization after primary single level lumbar discectomy. Spine Journal, 2021, 21, 1700-1710.	1.3	10
36	Epidural stimulation for cardiovascular function increases lower limb lean mass in individuals with chronic motor complete spinal cord injury. Experimental Physiology, 2020, 105, 1684-1691.	2.0	9

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37	Bladder and bowel responses to lumbosacral epidural stimulation in uninjured and transected anesthetized rats. Scientific Reports, 2021, 11, 3268.	3.3	9
38	Impact of US hospital center and interhospital transfer on spinal cord injury management: An analysis of the National Trauma Data Bank. Journal of Trauma and Acute Care Surgery, 2021, 90, 1067-1076.	2.1	9
39	Feasibility of Bundled Payments in Anterior, Middle, and Posterior Cranial Fossa Skull Base Meningioma Surgery: MarketScan Analysis of Health Care Utilization and Outcomes. World Neurosurgery, 2019, 131, e116-e127.	1.3	8
40	Differences in clinical outcomes and health care utilization between octogenarians and nonagenarians following decompression for lumbar spinal stenosis. A market scan analysis. Clinical Neurology and Neurosurgery, 2019, 182, 63-69.	1.4	8
41	Muscle Activation Patterns During Movement Attempts in Children With Acquired Spinal Cord Injury: Neurophysiological Assessment of Residual Motor Function Below the Level of Lesion. Frontiers in Neurology, 2019, 10, 1295.	2.4	7
42	Recombinant Human Bone Morphogenetic Proteinâ€“2 Use in Adult Spinal Deformity Surgery: Comparative Analysis and Healthcare Utilization at 24 Monthsâ€™ Follow-up. Global Spine Journal, 2020, 12, 219256822094737.	2.3	7
43	Longitudinal Trends and Prevalence of Bowel Management in Individuals With Spinal Cord Injury. Topics in Spinal Cord Injury Rehabilitation, 2021, 27, 53-67.	1.8	7
44	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. Cureus, 2019, 11, e6195.	0.5	6
45	Health Care Utilization and Payments of Postoperative and Drug Abuse-Related Spinal Infections. Spine, 2019, 44, 1449-1455.	2.0	5
46	Patterns and Impact of Electronic Health Records-Defined Depression Phenotypes in Spine Surgery. Neurosurgery, 2021, 89, E19-E32.	1.1	5
47	Ninety-Day Bundled Payment Reimbursement for Patients Undergoing Anterior and Posterior Procedures for Degenerative Cervical Radiculopathy. Neurosurgery, 2019, 85, E851-E859.	1.1	4
48	Systolic and diastolic function in chronic spinal cord injury. PLoS ONE, 2020, 15, e0236490.	2.5	4
49	Health Care Utilization in Patients Undergoing Repeat Stereotactic Radiosurgery for Vestibular Schwannoma with 5-Year Follow-up: A National Database Analysis. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, 019-027.	0.8	4
50	Clinical Trial Designs for Neuromodulation in Chronic Spinal Cord Injury Using Epidural Stimulation. Neuromodulation, 2021, 24, 405-415.	0.8	4
51	Preoperative and Postoperative Opioid Dependence in Patients Undergoing Anterior Cervical Diskectomy and Fusion for Degenerative Spinal Disorders. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2021, 82, 232-240.	0.8	3
52	Health Care Utilization and Associated Economic Burden of Postoperative Surgical Site Infection after Spinal Surgery with Follow-Up of 24 Months. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2021, , .	0.8	3
53	The Phenotypes of Anxiety and Depression: Analysis of Combined Comorbidity and Treatment in Patients Undergoing Spinal Fusion. Neurosurgery, 2022, 91, 103-114.	1.1	3
54	Factors Impacting Outcomes and Health Care Utilization in Osteoporotic Patients Undergoing Lumbar Spine Fusions: A MarketScan Database Analysis. World Neurosurgery, 2020, 141, e976-e988.	1.3	2

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55	Spine Surgery in the Octogenarian Population: A Comparison of Demographics, Surgical Approach, and Healthcare Utilization With the PearlDiver Database. Cureus, 2021, 13, e14561.	0.5	2
56	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. Journal of Clinical Neuroscience, 2021, 93, 122-129.	1.5	2
57	Impact of Surgical Timing and Approaches to Health Care Utilization in Patients Undergoing Surgery for Acute Traumatic Cervical Spinal Cord Injury. Cureus, 2019, 11, e6166.	0.5	2
58	Contribution of Trunk Muscles to Upright Sitting with Segmental Support in Children with Spinal Cord Injury. Children, 2020, 7, 278.	1.5	1
59	Single and sequential voluntary cough in children with chronic spinal cord injury. Respiratory Physiology and Neurobiology, 2021, 285, 103604.	1.6	1
60	Novel Clinimetric Toolset to Quantify the Stability of Blood Pressure and Its Application to Evaluate Cardiovascular Function After Spinal Cord Injury. Frontiers in Analytical Science, 2021, 1, .	2.4	1
61	Durability of Improved Trunk Control Following Activity-Based Locomotor Training in Children With Acquired Spinal Cord Injuries. Topics in Spinal Cord Injury Rehabilitation, 2022, 28, 53-63.	1.8	1
62	Impact of age on mortality and complications in patients with Ankylosing Spondylitis spine fractures. Journal of Clinical Neuroscience, 2022, 95, 188-197.	1.5	1
63	Retrospective trends in length of stay and bowel management at discharge from inpatient rehabilitation among individuals with spinal cord injury. Spinal Cord, 2022, , .	1.9	0
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