

Asdrubal Falavigna

List of Publications by Year in descending order

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Version: 2024-02-01

121
papers

1,701
citations

394421

19
h-index

377865

34
g-index

137
all docs

137
docs citations

137
times ranked

2233
citing authors

#	ARTICLE	IF	CITATIONS
1	COMPARISON OF OPEN DISCECTOMY WITH MICROENDOSCOPIC DISCECTOMY IN LUMBAR DISC HERNIATIONS. <i>Neurosurgery</i> , 2007, 61, 545-549.	1.1	190
2	Remote Patient Monitoring: A Systematic Review. <i>Telemedicine Journal and E-Health</i> , 2020, 26, 576-583.	2.8	120
3	Intracerebral Clysis in a Rat Glioma Model. <i>Neurosurgery</i> , 2000, 46, 683-691.	1.1	87
4	Consistency and reliability of the Brazilian Portuguese version of the Mini-Sleep Questionnaire in undergraduate students. <i>Sleep and Breathing</i> , 2011, 15, 351-355.	1.7	66
5	Use of methylphenidate among medical students: a systematic review. <i>Revista Da Associação Médica Brasileira</i> , 2013, 59, 285-289.	0.7	52
6	Effectiveness of Operative and Nonoperative Care for Adult Spinal Deformity: Systematic Review of the Literature. <i>Global Spine Journal</i> , 2017, 7, 170-178.	2.3	52
7	Current Status of Worldwide Use of Patient-Reported Outcome Measures (PROMs) in Spine Care. <i>World Neurosurgery</i> , 2017, 108, 328-335.	1.3	52
8	Increased prevalence of low back pain among physiotherapy students compared to medical students. <i>European Spine Journal</i> , 2011, 20, 500-505.	2.2	45
9	Depression Subscale of the Hospital Anxiety and Depression Scale applied preoperatively in spinal surgery. <i>Arquivos De Neuro-Psiquiatria</i> , 2012, 70, 352-356.	0.8	42
10	Editorial. COVID-19 and spinal surgery. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 1-3.	1.7	39
11	Effect of deep wound infection following lumbar arthrodesis for degenerative disc disease on long-term outcome: a prospective study. <i>Journal of Neurosurgery: Spine</i> , 2011, 15, 399-403.	1.7	36
12	Instrumentos de avaliação clínica e funcional em cirurgia da coluna vertebral. <i>Coluna/ Columna</i> , 2011, 10, 62-67.	0.2	31
13	Polyurethane tissue adhesives for annulus fibrosus repair: Mechanical restoration and cytotoxicity. <i>Journal of Biomaterials Applications</i> , 2019, 34, 673-686.	2.4	30
14	Prevalence and impact of headache in undergraduate students in Southern Brazil. <i>Arquivos De Neuro-Psiquiatria</i> , 2010, 68, 873-877.	0.8	27
15	Intramuscular myxoma of the cervical paraspinal muscle. <i>European Spine Journal</i> , 2009, 18, 245-249.	2.2	25
16	Awareness of stroke risk factors and warning signs in southern Brazil. <i>Arquivos De Neuro-Psiquiatria</i> , 2009, 67, 1076-1081.	0.8	24
17	Responsiveness of depression and its influence on surgical outcomes of lumbar degenerative diseases. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2015, 25, 35-41.	1.4	24
18	Anterior approach to the cervicothoracic junction: proposed indication for manubriotomy based on preoperative computed tomography findings. <i>Journal of Neurosurgery: Spine</i> , 2011, 15, 38-47.	1.7	22

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19	Retrotransposon Proliferation Coincident with the Evolution of Dioecy in <i>Asparagus</i> . <i>C3: Genes, Genomes, Genetics</i> , 2016, 6, 2679-2685.	1.8	22
20	Worldwide Steroid Prescription for Acute Spinal Cord Injury. <i>Global Spine Journal</i> , 2018, 8, 303-310.	2.3	20
21	Infrasellar craniopharyngioma: case report. <i>Arquivos De Neuro-Psiquiatria</i> , 2001, 59, 424-430.	0.8	19
22	Sleep disorders among undergraduate students in Southern Brazil. <i>Sleep and Breathing</i> , 2011, 15, 519-524.	1.7	19
23	Polyurethane as a strategy for annulus fibrosus repair and regeneration: a systematic review. <i>Regenerative Medicine</i> , 2018, 13, 611-626.	1.7	19
24	Soybean-modified polyamide-6 mats as a long-term cutaneous wound covering. <i>Materials Science and Engineering C</i> , 2019, 99, 957-968.	7.3	19
25	Biocompatibility Assessment of Poly(lactic acid) Films after Sterilization with Ethylene Oxide in Histological Study In Vivo with Wistar Rats and Cellular Adhesion of Fibroblasts In Vitro. <i>International Journal of Polymer Science</i> , 2017, 2017, 1-9.	2.7	18
26	Concomitant dermoid cysts of conus medullaris and cauda equina. <i>Arquivos De Neuro-Psiquiatria</i> , 2009, 67, 293-296.	0.8	18
27	Awareness, attitudes and perceptions on epilepsy in Southern Brazil. <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 1186-1191.	0.8	16
28	Avaliação clínica e funcional no pré-operatório de doenças degenerativas da coluna vertebral. <i>Coluna/ Columna</i> , 2009, 8, 245-253.	0.2	16
29	Correlation Between Persistent Neurological Impairment and Clinical Outcome After Microdiscectomy for Treatment of Lumbar Disc Herniation. <i>Neurosurgery</i> , 2012, 70, 390-397.	1.1	16
30	Twelve Years of Scientific Production on Medline by Latin American Spine Surgeons. <i>PLoS ONE</i> , 2014, 9, e87945.	2.5	16
31	Spinal surgery complications: an unsolved problem? Is the World Health Organization Safety Surgical Checklist an useful tool to reduce them?. <i>European Spine Journal</i> , 2020, 29, 927-936.	2.2	16
32	Knowledge and Attitude Regarding Radiation Exposure Among Spine Surgeons in Latin America. <i>World Neurosurgery</i> , 2018, 112, e823-e829.	1.3	15
33	A rare case of intramedullary lipoma associated with cyst. <i>Arquivos De Neuro-Psiquiatria</i> , 2001, 59, 112-115.	0.8	14
34	Impact of an injury prevention program on teenagers' knowledge and attitudes: results of the Pense Bem "Caxias do Sul Project. <i>Journal of Neurosurgery: Pediatrics</i> , 2012, 9, 562-568.	1.3	14
35	Health System and Medical Education in Brazil: History, Principles, and Organization. <i>World Neurosurgery</i> , 2013, 80, 723-727.	1.3	14
36	Perspective of Value-Based Management of Spinal Disorders in Brazil. <i>World Neurosurgery</i> , 2016, 87, 346-354.	1.3	14

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37	Cavernous angioma of the cauda equina: case report. <i>Arquivos De Neuro-Psiquiatria</i> , 2004, 62, 531-534.	0.8	14
38	Why and how should we measure outcomes in spine surgery?. <i>Journal of Taibah University Medical Sciences</i> , 2016, 11, 91-97.	0.9	13
39	Steroid Use for Acute Spinal Cord Injury in Latin America: A Potentially Dangerous Practice Guided by Fear of Lawsuit. <i>World Neurosurgery</i> , 2016, 88, 342-349.	1.3	12
40	Management of Type II Odontoid Fractures: Experience from Latin American Spine Centers. <i>World Neurosurgery</i> , 2017, 98, 673-681.	1.3	11
41	Anterior Cervical Interbody Fusion With Hydroxyapatite Graft. <i>Spine</i> , 2009, 34, 2769-2774.	2.0	10
42	Sertraline-Related Anisocoria. <i>Journal of Clinical Psychopharmacology</i> , 2010, 30, 646-647.	1.4	10
43	How can we teach them about neurotrauma prevention? Prospective and randomized "Pense Bem" Caxias do Sul study with multiple interventions in preteens and adolescents. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 94-100.	1.3	10
44	Epidemiology and Management of Spinal Trauma in Children and Adolescents <18 Years Old. <i>World Neurosurgery</i> , 2018, 110, e479-e483.	1.3	10
45	Economic value of treating lumbar disc herniation in Brazil. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 608-614.	1.7	9
46	Editorial: Management of Type II odontoid process fracture in octogenarians. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 1-3.	1.7	9
47	Hyperbaric Oxygen Therapy After Acute Thoracic Spinal Cord Injury. <i>Spine</i> , 2018, 43, E442-E447.	2.0	9
48	Access to Technology and Education for the Development of Minimally Invasive Spine Surgery Techniques in Latin America. <i>World Neurosurgery</i> , 2020, 142, e203-e209.	1.3	9
49	Spine Surgeons Burnout and Quality of Life. <i>Spine</i> , 2021, 46, 1418-1927.	2.0	9
50	Transcription analysis of TIMP-1 and NM23-h1 genes in glioma cell invasion. <i>Arquivos De Neuro-Psiquiatria</i> , 2006, 64, 774-780.	0.8	9
51	Minimally invasive approaches for thoracic decompression from discectomy to corpectomy. <i>Journal of Neurosurgical Sciences</i> , 2013, 57, 175-92.	0.6	9
52	Anterior surgical management of the cervicothoracic junction lesions at T1 and T2 vertebral bodies. <i>Arquivos De Neuro-Psiquiatria</i> , 2008, 66, 199-203.	0.8	8
53	Association between primary headaches and depression in young adults in southern Brazil. <i>Revista Da Associação Médica Brasileira</i> , 2013, 59, 589-593.	0.7	8
54	Surgical Treatment of Chronic Subdural Hematoma: Systematic Review and Meta-Analysis of the Literature. <i>Brazilian Neurosurgery</i> , 2016, 35, 118-127.	0.1	8

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55	Assessing Publication Rate of Abstracts Presented in Spine Conferences as a Quality Benchmark: The Example of the Canadian Spine Society Annual Meetings. <i>World Neurosurgery</i> , 2019, 131, e339-e345.	1.3	8
56	Primary melanoma of Meckel's cave: case report. <i>Arquivos De Neuro-Psiquiatria</i> , 2004, 62, 353-356.	0.8	7
57	Intraosseous sacral paraganglioma with extradural extension: Case report. <i>Acta Neurochirurgica</i> , 2010, 152, 475-480.	1.7	7
58	Surgical Planning and Neurological Outcome After Anterior Approach to Remove a Disc Herniation at the C7-T1 Level in 19 Patients. <i>Spine</i> , 2014, 39, E219-E225.	2.0	7
59	Strategy to increase research in Latin America: project on education in research by AOSpine Latin America. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2015, 25, 13-20.	1.4	7
60	Representation of Women on Editorial Boards of Medline-Indexed Spine, Neurosurgery, and Orthopedic Journals. <i>International Journal of Spine Surgery</i> , 2022, 16, 404-411.	1.5	7
61	Chemical and Thermal Evaluation of Commercial and Medical Grade PEEK Sterilization by Ethylene Oxide. <i>Materials Research</i> , 2016, 19, 807-811.	1.3	6
62	Improving Sperm Viability After Spinal Cord Injury Using Hyperbaric Therapy. <i>World Neurosurgery</i> , 2018, 113, e232-e238.	1.3	6
63	Reliability of Tokuhashi Score to Predict Prognosis: Comparison of 117 Patients. <i>World Neurosurgery</i> , 2018, 111, e1-e6.	1.3	6
64	Critical review of a scientific manuscript: a practical guide for reviewers. <i>Journal of Neurosurgery</i> , 2018, 128, 312-321.	1.6	6
65	Commentary: Worldwide Knowledge and Attitude of Spine Surgeons Regarding Radiation Exposure. <i>Neurosurgery</i> , 2018, 83, E153-E161.	1.1	6
66	Effects of hyperbaric oxygen therapy after spinal cord injury: systematic review. <i>Coluna/ Columna</i> , 2009, 8, 330-336.	0.2	6
67	Trends in scientific publications of Indian spine surgeons over 14 years (2000-2013). <i>Indian Journal of Orthopaedics</i> , 2016, 50, 322-326.	1.1	6
68	Radiotherapy-induced tumors of the spine, peripheral nerve, and spinal cord: Case report and literature review. , 2016, 7, 108.		6
69	Prevention of Surgical Site Infections in Spine Surgery: An International Survey of Clinical Practices Among Expert Spine Surgeons. <i>Global Spine Journal</i> , 2023, 13, 2007-2015.	2.3	6
70	Anaplastic meningioma: case report. <i>Arquivos De Neuro-Psiquiatria</i> , 2001, 59, 939-943.	0.8	5
71	Management of Unilateral Cervical Facet Joint Dislocation in Neurologically Intact Patients: Results of an Ao Spine latin American Survey. <i>World Neurosurgery</i> , 2021, 146, e76-e85.	1.3	5
72	Perception of gender discrimination among spine surgeons across Latin America: a web-based survey. <i>Spine Journal</i> , 2022, 22, 49-57.	1.3	5

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73	Hyaluronic Acid <i>In Vitro</i> Response: Viability and Proliferation Profile of Human Chondrocytes in 3D-Based Culture. <i>Cartilage</i> , 2021, 13, 1077S-1087S.	2.7	5
74	Patients' preferences regarding physicians' gender: a clinical center cross-sectional study. <i>Sao Paulo Medical Journal</i> , 2022, 140, 134-143.	0.9	5
75	Stereotactic fibrinolysis of spontaneous intracerebral hematoma using infusion of recombinant tissue plasminogen activator. <i>Arquivos De Neuro-Psiquiatria</i> , 2002, 60, 362-366.	0.8	4
76	Two intrathecal transplants of bone marrow mononuclear cells produce motor improvement in an acute and severe model of spinal cord injury. <i>Coluna/ Columna</i> , 2013, 12, 274-277.	0.2	4
77	Experimental Model of Spinal Cord Injury (SCI) in rats: management guidelines. <i>Coluna/ Columna</i> , 2013, 12, 70-72.	0.2	4
78	The Epidemiological Profile of a Middle-Aged Population With Low Back Pain in Southern Brazil. <i>Spine</i> , 2015, 40, E359-E365.	2.0	4
79	Analysis of scientific output by spine surgeons from Japan: January 2000 to December 2013. <i>Journal of Orthopaedic Science</i> , 2016, 21, 13-18.	1.1	4
80	Multilanguage health record database focused on the active follow-up of patients and adaptable for patient-reported outcomes and clinical research design. <i>International Journal of Medical Informatics</i> , 2020, 135, 104065.	3.3	4
81	Anterior approach to the cervicothoracic junction: case series and literature review. <i>Coluna/ Columna</i> , 2009, 8, 153-160.	0.2	4
82	Evolução clínica e funcional dos pacientes com infecção após artrodese de coluna lombar. <i>Coluna/ Columna</i> , 2009, 8, 171-177.	0.2	3
83	Teaching Training and Surgical Education in Minimally Invasive Surgery (MIS) of the Spine: What Are the Best Teaching and Learning Strategies for MIS? Do We Have Any Experience and Data?. <i>Global Spine Journal</i> , 2020, 10, 126S-129S.	2.3	3
84	Letters. <i>Spine</i> , 2009, 34, 2596-2597.	2.0	3
85	Perception of complications by spine surgeons. , 2020, 11, 88.		3
86	Barriers of neurophysiology monitoring in spine surgery: Latin America experience. , 2020, 11, 130.		3
87	Subaxial spine arthrodesis in patients with spine fractures and facet joint dislocations: Is magnetic resonance imaging required to determine the optimal surgical approach?. , 2019, 10, 239.		3
88	Neurosurgery versus orthopedic surgery: Who has better access to minimally invasive spinal technology?. , 2020, 11, 385.		3
89	Estimulação cerebral contínua (DBS) táctica para controle do tremor. <i>Arquivos De Neuro-Psiquiatria</i> , 2002, 60, 429-434.	0.8	2
90	Assessing the evolution of publications by Brazilian spine surgeons in the last decade. <i>European Spine Journal</i> , 2013, 22, 2084-2088.	2.2	2

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91	Motor and histological findings in a model of sci: comparison between posterior and lateral clips. Coluna/ Columna, 2014, 13, 318-321.	0.2	2
92	Strategy to Increase Research in Latin America: Project on Education in Research by AOSpine Latin America. Global Spine Journal, 2015, 5, 264-265.	2.3	2
93	SPONDYLODISCITIS INVESTIGATION AND THERAPEUTIC PROTOCOL: NEUROSURGERY SERVICE RESULTS. Coluna/ Columna, 2019, 18, 138-143.	0.2	2
94	Internato m�dico rural na Serra Ga�cha: a experi�ncia da Universidade de Caxias do Sul. Semina: Ci�ncias Biol�gicas E Da Sa�de, 2021, 42, 59-70.	0.2	2
95	HIV and Surgery for Degenerative Spine Disease: A Systematic Review. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2021, 82, 468-474.	0.8	2
96	Reliability-Based Design Optimization of a Cemented Prosthesis in a Femur Undergoing Bone Remodeling. Journal of Biomechanical Engineering, 2020, 142, .	1.3	2
97	Basic Steps to Writing a Paper: Practice Makes Perfect. The Bangkok Medical Journal, 2017, 13, 114-119.	0.0	2
98	Publication rate of abstracts presented at the annual meetings of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Journal of Neurosurgery: Spine, 2020, 33, 854-861.	1.7	2
99	Surgical timing in traumatic spinal cord injury: current practice and obstacles to early surgery in Latin America. Spinal Cord, 2022, 60, 368-374.	1.9	2
100	Qual a relev�ncia dos sinais e sintomas no progn�stico de pacientes com h�rnia de disco lombar?. Coluna/ Columna, 2010, 9, 186-192.	0.2	1
101	Stem-cell treatment in disc degeneration: What is the evidence?. Coluna/ Columna, 2013, 12, 61-63.	0.2	1
102	Preoperative motor deficit in lumbar disc herniation and its influence on quality of life. Coluna/ Columna, 2014, 13, 282-286.	0.2	1
103	Mesenchymal Autologous Stem Cells. World Neurosurgery, 2015, 83, 236-250.	1.3	1
104	Avalia�o das publica�es de cirurgi�es de coluna brasileiros na �ltima d�cada. Coluna/ Columna, 2012, 11, 294-297.	0.2	1
105	Introduction. The importance of understanding the medicolegal climate in neurosurgery. Neurosurgical Focus, 2020, 49, E1.	2.3	1
106	Spinal cord injury and male infertility: a review. Coluna/ Columna, 2012, 11, 322-325.	0.2	1
107	INFLUENCE OF THE MISDEF ALGORITHM ON THE THERAPEUTIC DECISION FOR VERTEBRAL DEFORMITY IN THE ADULT. Coluna/ Columna, 2020, 19, 96-103.	0.2	1
108	Remote patient monitoring in spine surgery. Journal of Musculoskeletal Surgery and Research, 0, 6, 160-166.	0.2	1

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109	Brazilian Physicians Hold National Strike Against Medical Insurance Companies. World Neurosurgery, 2012, 77, 425-426.	1.3	0
110	Assessing the Evolution of Publications by Brazilian Spine Surgeons in the Last Decade. World Neurosurgery, 2013, 80, e73.	1.3	0
111	Association between primary headaches and depression in young adults in southern Brazil. Revista Da Associaçãõ MÃ©dica Brasileira (English Edition), 2013, 59, 589-593.	0.1	0
112	Is the lasÃgue sign a predictor of outcome in lumbar disc herniation surgery?. Coluna/ Columna, 2013, 12, 304-307.	0.2	0
113	Management of wound infection after lumbar arthrodesis maintaining the instrumentation. Coluna/ Columna, 2015, 14, 117-120.	0.2	0
114	SYSTEMATIC REVIEW OF RECOVERY OF SPINAL CORD INJURY WITH ANTIOXIDANT THERAPY. Coluna/ Columna, 2017, 16, 67-73.	0.2	0
115	In Reply to "Deep Brain Stimulation of Nucleus Accumbens: High Hopes for Simulating Orgasm in Spinal Cord Injury Patients". World Neurosurgery, 2018, 116, 494.	1.3	0
116	ProgramaÃo dinÃ¢mica aplicada Ã reduÃo de custos nas compras de vacinas de um hospital. Medicina, 2019, 52, 287-294.	0.1	0
117	A new nomenclature system for the surgical treatment of cervical spine deformity, developing, and validation of SOF system. European Spine Journal, 2021, 30, 1670-1680.	2.2	0
118	SPINE TRAUMA EPIDEMIOLOGICAL PROFILE IN A TERTIARY NEUROSURGERY HOSPITAL IN SOUTH BRAZIL. Coluna/ Columna, 2021, 20, 224-228.	0.2	0
119	SURGERY FOR ADULT SPINAL SCOLIOSIS: DO THE BENEFITS OUTWEIGH THE RISKS?. Coluna/ Columna, 2019, 18, 240-245.	0.2	0
120	SOF System; A New Nomenclature System for the Surgical Techniques of Cervical Spine Deformity. Neurospine, 2020, 17, 505-512.	2.9	0
121	Knowledge, attitudes, and behaviors regarding the use of clinical practice guidelines among spine surgeons in Latin America. , 2022, 13, 144.		0