

Andre Alonso

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,518
citations

394421

19
h-index

345221

36
g-index

81
all docs

81
docs citations

81
times ranked

2084
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence and characteristics of chronic musculoskeletal pain in Japan. <i>Journal of Orthopaedic Science</i> , 2011, 16, 424-432.	1.1	191
2	Cell transplantation therapies for spinal cord injury focusing on induced pluripotent stem cells. <i>Cell Research</i> , 2013, 23, 70-80.	12.0	177
3	Focal Transplantation of Human iPSC-Derived Glial-Rich Neural Progenitors Improves Lifespan of ALS Mice. <i>Stem Cell Reports</i> , 2014, 3, 242-249.	4.8	131
4	Prevalence and Distribution of Ossified Lesions in the Whole Spine of Patients with Cervical Ossification of the Posterior Longitudinal Ligament A Multicenter Study (JOSL CT study). <i>PLoS ONE</i> , 2016, 11, e0160117.	2.5	73
5	Long-Term Surgical Outcomes for Myxopapillary Ependymomas of the Cauda Equina. <i>Spine</i> , 2009, 34, E756-E760.	2.0	66
6	Prevalence and characteristics of chronic musculoskeletal pain in Japan: A second survey of people with or without chronic pain. <i>Journal of Orthopaedic Science</i> , 2014, 19, 339-350.	1.1	57
7	Surgeons' Exposure to Radiation in Single- and Multi-Level Minimally Invasive Transforaminal Lumbar Interbody Fusion; A Prospective Study. <i>PLoS ONE</i> , 2014, 9, e95233.	2.5	56
8	Clinical significance of diffusion tensor tractography as a predictor of functional recovery after laminoplasty in patients with cervical compressive myelopathy. <i>Journal of Neurosurgery: Spine</i> , 2012, 17, 147-152.	1.7	49
9	Etiological factors in hallux valgus, a three-dimensional analysis of the first metatarsal. <i>Journal of Foot and Ankle Research</i> , 2017, 10, 43.	1.9	37
10	Prevalence and distribution of ossification of the supra/interspinous ligaments in symptomatic patients with cervical ossification of the posterior longitudinal ligament of the spine: a CT-based multicenter cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 492.	1.9	36
11	Long-term surgical outcomes of idiopathic spinal cord herniation. <i>Journal of Orthopaedic Science</i> , 2011, 16, 347-351.	1.1	33
12	Long-term surgical outcomes of cervical dumbbell neurinomas. <i>Journal of Orthopaedic Science</i> , 2013, 18, 8-13.	1.1	33
13	Regeneration of the damaged central nervous system through reprogramming technology: Basic concepts and potential application for cell replacement therapy. <i>Experimental Neurology</i> , 2014, 260, 12-18.	4.1	30
14	Central neuropathic pain after surgical resection in patients with spinal intramedullary tumor. <i>Journal of Orthopaedic Science</i> , 2012, 17, 352-357.	1.1	26
15	Investigation of chronic musculoskeletal pain (third report): with special reference to the importance of neuropathic pain and psychogenic pain. <i>Journal of Orthopaedic Science</i> , 2014, 19, 667-675.	1.1	26
16	Distribution of ossified spinal lesions in patients with severe ossification of the posterior longitudinal ligament and prediction of ossification at each segment based on the cervical OP index classification: a multicenter study (JOSL CT study). <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 107.	1.9	26
17	Clinical Significance and Prognosis of Idiopathic Syringomyelia. <i>Journal of Spinal Disorders and Techniques</i> , 2009, 22, 372-375.	1.9	25
18	Position of the major curve influences asymmetrical trunk kinematics during gait in adolescent idiopathic scoliosis. <i>Gait and Posture</i> , 2017, 51, 142-148.	1.4	25

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19	Risk factors of radiological adjacent disc degeneration with lumbar interbody fusion for degenerative spondylolisthesis. <i>Journal of Orthopaedic Science</i> , 2016, 21, 133-137.	1.1	23
20	Co-existence of ossification of the nuchal ligament is associated with severity of ossification in the whole spine in patients with cervical ossification of the posterior longitudinal ligament -A multi-center CT study-. <i>Journal of Orthopaedic Science</i> , 2019, 24, 35-41.	1.1	21
21	Decreased choline acetyltransferase activity in the murine spinal cord motoneurons under chronic mechanical compression. <i>Spinal Cord</i> , 1997, 35, 729-734.	1.9	18
22	Onset and remodeling of coronal imbalance after selective posterior thoracic fusion for Lenke 1C and 2C adolescent idiopathic scoliosis (a pilot study). <i>Scoliosis and Spinal Disorders</i> , 2017, 12, 16.	2.3	17
23	Glenohumeral translation during active external rotation with the shoulder abducted in cases with glenohumeral instability: a 4-dimensional computed tomography analysis. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 1903-1910.	2.6	17
24	Identification of HOXD4 Mutations in Spinal Extradural Arachnoid Cyst. <i>PLoS ONE</i> , 2015, 10, e0142126.	2.5	16
25	Adipose-Derived Stem Cell Sheets Improve Early Biomechanical Graft Strength in Rabbits After Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2021, 49, 3508-3518.	4.2	15
26	Cell transplantation for spinal cord injury focusing on iPSCs. <i>Expert Opinion on Biological Therapy</i> , 2012, 12, 811-821.	3.1	14
27	The effects of barbed suture on watertightness after knee arthrotomy closure: a cadaveric study. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 323.	2.3	14
28	Perioperative factors affecting the occurrence of acute complex regional pain syndrome following limb bone fracture surgery: data from the Japanese Diagnosis Procedure Combination database. <i>Rheumatology</i> , 2014, 53, 1186-1193.	1.9	13
29	The effect of switching from teriparatide to anti-RANKL antibody on cancellous and cortical bone in ovariectomized mice. <i>Bone</i> , 2018, 107, 18-26.	2.9	12
30	Anterior Decompression and Fusion via the Extrapleural Approach for Thoracic Disc Herniation Causing Myelopathy.. <i>Keio Journal of Medicine</i> , 1997, 46, 173-176.	1.1	12
31	A novel FOXC2 mutation in spinal extradural arachnoid cyst. <i>Human Genome Variation</i> , 2015, 2, 15032.	0.7	11
32	Structural and functional identification of two distinct inspiratory neuronal populations at the level of the phrenic nucleus in the rat cervical spinal cord. <i>Brain Structure and Function</i> , 2019, 224, 57-72.	2.3	11
33	Clinical characteristics in patients with ossification of the posterior longitudinal ligament: A prospective multi-institutional cross-sectional study. <i>Scientific Reports</i> , 2020, 10, 5532.	3.3	11
34	Retrospective study of surgery-related outcomes in patients with syringomyelia associated with Chiari I malformation: clinical significance of changes in the size and localization of syrinx on pain relief. <i>Journal of Neurosurgery: Spine</i> , 2004, 100, 241-244.	1.7	10
35	Cordotomy for patients with thoracic malignant astrocytoma. <i>Journal of Neurosurgery: Spine</i> , 2010, 13, 418-423.	1.7	10
36	Total En Bloc Spondylectomy for Locally Aggressive Vertebral Hemangioma Causing Neurological Deficits. <i>Case Reports in Orthopedics</i> , 2015, 2015, 1-7.	0.3	10

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37	A Metabolomic Profile Predictive of New Osteoporosis or Sarcopenia Development. <i>Metabolites</i> , 2021, 11, 278.	2.9	10
38	Comparison of Surgical Outcomes After Open- and Double-Door Laminoplasties for Patients with Cervical Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2021, 46, E1238-E1245.	2.0	10
39	Novel inÂvivo imaging analysis of an inner ear drug delivery system: Drug availability in inner ear following different dose of systemic drug injections. <i>Hearing Research</i> , 2015, 330, 142-146.	2.0	9
40	Tenosynovial giant cell tumor of the cervical spine: a case report. <i>Spinal Cord Series and Cases</i> , 2019, 5, 23.	0.6	9
41	Spinal correction surgery improves asymmetrical trunk kinematics during gait in adolescent idiopathic scoliosis with thoracic major curve. <i>European Spine Journal</i> , 2019, 28, 619-626.	2.2	8
42	Retinoic Acid Receptor Agonists Suppress Muscle Fatty Infiltration in Mice. <i>American Journal of Sports Medicine</i> , 2021, 49, 332-339.	4.2	8
43	Invasive dumbbell spinal meningiomas: report of four cases and a review of the literature. <i>Journal of Orthopaedic Science</i> , 2015, 20, 1148-1154.	1.1	7
44	A Replication Study for the Association of rs11190870 With Curve Severity in Adolescent Idiopathic Scoliosis in Japanese. <i>Spine</i> , 2018, 43, 688-692.	2.0	7
45	Limited Cost Benefit of Lateral Interbody Fusion for Adult Spinal Deformity Surgery. <i>Spine</i> , 2021, 46, 48-53.	2.0	7
46	Sustained Effect of Hyaluronic Acid in Subcutaneous Administration to the Cochlear Spiral Ganglion. <i>PLoS ONE</i> , 2016, 11, e0153957.	2.5	5
47	Epidemiological survey of ossification of the posterior longitudinal ligament by using clinical investigation registration forms. <i>Journal of Orthopaedic Science</i> , 2016, 21, 291-294.	1.1	5
48	Grade III intradural extramedullary anaplastic ependymoma managed with near-complete resection and adjuvant radiotherapy: a case report. <i>Spinal Cord Series and Cases</i> , 2021, 7, 1.	0.6	5
49	Compressive mechanical stress enhances susceptibility to interleukin-1 by increasing interleukin-1 receptor expression in 3D-cultured ATDC5 cells. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 238.	1.9	5
50	Gut microbiota in hospitalized children with acute infective gastroenteritis caused by virus or bacteria in a regional Peruvian hospital. <i>PeerJ</i> , 2020, 8, e9964.	2.0	5
51	Imaging Comparison Between Chinese and Japanese Patients With Cervical Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2018, 43, E1376-E1383.	2.0	4
52	The characteristics of the patients with radiologically severe cervical ossification of the posterior longitudinal ligament of the spine: A CT-based multicenter cross-sectional study. <i>Journal of Orthopaedic Science</i> , 2020, 25, 746-750.	1.1	4
53	Effects of peripheral tears of the triangular fibrocartilage complex on distal radioulnar joint stability: A biomechanical study. <i>Journal of Orthopaedic Science</i> , 2021, 26, 1008-1013.	1.1	4
54	Associations between Clinical Findings and Severity of Diffuse Idiopathic Skeletal Hyperostosis in Patients with Ossification of the Posterior Longitudinal Ligament. <i>Journal of Clinical Medicine</i> , 2021, 10, 4137.	2.4	4

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55	Effect of tibial coronal inclination on hindfoot kinematics: A biomechanical simulation study. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2017, 231, 952-958.	1.8	3
56	The tibial growth plate as a predictor of the original tibial plateau joint line as a reference for kinematically aligned total knee arthroplasty. Journal of Orthopaedic Surgery and Research, 2018, 13, 4.	2.3	3
57	Multi Functional Drill Incorporating Linear Motor for Haptic Surgical Instrument and Simulator. , 2021, , .		3
58	The impact of ossification spread on cervical spine function in patients with ossification of the posterior longitudinal ligament. Scientific Reports, 2021, 11, 14337.	3.3	3
59	Radiographic evaluation of patellofemoral alignment in kinematically aligned total knee arthroplasty: A comparative study with mechanically aligned total knee arthroplasty. Journal of Orthopaedic Science, 2021, 26, 1043-1050.	1.1	3
60	Normal values and ranges of the lateral capitello-humeral angle in healthy children. Journal of Pediatric Orthopaedics Part B, 2021, 30, 381-384.	0.6	3
61	Factors Significantly Associated with Postoperative Neck Pain Deterioration after Surgery for Cervical Ossification of the Posterior Longitudinal Ligament: Study of a Cohort Using a Prospective Registry. Journal of Clinical Medicine, 2021, 10, 5026.	2.4	3
62	Increased migratory activity and cartilage regeneration by superficial-zone chondrocytes in enzymatically treated cartilage explants. BMC Musculoskeletal Disorders, 2022, 23, 256.	1.9	3
63	A novel anteroposterior axis of the tibia for total knee arthroplasty: An upright weight-bearing computed tomography analysis. Knee, 2022, 36, 80-86.	1.6	3
64	Case report: Clitoromegaly as a consequence of Congenital Adrenal Hyperplasia. An accurate medical and surgical approach. Urology Case Reports, 2018, 18, 57-59.	0.3	2
65	Efficacy of hyaluronic acid on intervertebral disc inflammation: An in vitro study using notochordal cell lines and human disc cells. Journal of Orthopaedic Research, 2020, 39, 2197-2208.	2.3	2
66	The characteristics of the young patients with cervical ossification of the posterior longitudinal ligament of the spine: A multicenter cross-sectional study. Journal of Orthopaedic Science, 2021, , .	1.1	2
67	Volar transfer of the lateral band with transverse retinacular ligament is effective for the correction of swan-neck deformity caused by volar plate injury of the PIP joint. Modern Rheumatology Case Reports, 2020, 4, 152-155.	0.7	1
68	Symptomatic Postoperative Spinal Subdural Hematoma Following Posterior Lumbar Spinous Process-Splitting Decompression Surgery for Lumbar Spinal Canal Stenosis: A Case Report. Spine Surgery and Related Research, 2021, 5, 117-119.	0.7	1
69	Quantification of edematous changes by diffusion magnetic resonance imaging in gastrocnemius muscles after spinal nerve ligation. PLoS ONE, 2018, 13, e0193306.	2.5	1
70	Toward using iPS cells to treat spinal cord injury: Their safety and therapeutic efficacy. Inflammation and Regeneration, 2011, 31, 2-9.	3.7	1
71	The Long-term Outcome of the Expansive Open-door Laminoplasty for Ossification of the Posterior Longitudinal Ligament of the Cervical Spine. Spinal Surgery, 1995, 9, 11-16.	0.0	1
72	A novel fabrication process of upâ€scalable microfibrâ€shaped tendonâ€like tissue with high cell density for uniformed macroscale assembly. Biotechnology and Bioengineering, 2022, 119, 1327-1336.	3.3	1

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73	Reply to letter to the editor by Toda. Journal of Orthopaedic Science, 2014, 19, 1057.	1.1	0
74	Letter to the Editor: Influence of Intestinal Microbiota on Body Weight Gain: a Narrative Review of the Literature. Obesity Surgery, 2018, 28, 1136-1137.	2.1	0
75	Neurological improvement is associated with neck pain attenuation after surgery for cervical ossification of the posterior longitudinal ligament. Scientific Reports, 2021, 11, 11910.	3.3	0
76	Tube-shaped 3D culture device composed of chitosan hydrogel. The Proceedings of the Symposium on Micro-Nano Science and Technology, 2018, 2018.9, 30am3PN49.	0.0	0
77	Cancer and Bugs: How much do we know about the Relation between Vaginal Microbiome and Cervical Neoplasia?. Journal of Gynecology and Womens Health, 2018, 10, .	0.1	0
78	Neurite outgrowth induced by chitosan-collagen hydrogel tube. The Proceedings of Mechanical Engineering Congress Japan, 2019, 2019, J02801.	0.0	0