

# Alberto Di Martino

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

3,686  
citations

201674

27  
h-index

133252

59  
g-index

102  
all docs

102  
docs citations

102  
times ranked

5038  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan: A versatile biopolymer for orthopaedic tissue-engineering. <i>Biomaterials</i> , 2005, 26, 5983-5990.	11.4	1,447
2	Nucleus Pulposus Replacement. <i>Spine</i> , 2005, 30, S16-S22.	2.0	139
3	Toward an Optimum System for Intervertebral Disc Organ Culture. <i>Spine</i> , 2006, 31, 884-890.	2.0	97
4	A minimally invasive technique for surgical treatment of hallux valgus: simple, effective, rapid, inexpensive (SERI). <i>International Orthopaedics</i> , 2013, 37, 1805-1813.	1.9	96
5	Fracture of Ceramic Bearing Surfaces following Total Hip Replacement: A Systematic Review. <i>BioMed Research International</i> , 2013, 2013, 1-8.	1.9	95
6	Obesity as a Risk Factor for Tendinopathy: A Systematic Review. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-10.	1.5	92
7	Intervertebral disc regeneration: from the degenerative cascade to molecular therapy and tissue engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 679-690.	2.7	73
8	The Best Surgical Treatment for Type II Fractures of the Dens Is Still Controversial. <i>Clinical Orthopaedics and Related Research</i> , 2011, 469, 742-750.	1.5	71
9	Electrospun scaffolds for bone tissue engineering. <i>Musculoskeletal Surgery</i> , 2011, 95, 69-80.	1.5	62
10	Sparing the anterior cruciate ligament remnant: is it worth the hassle?. <i>British Medical Bulletin</i> , 2012, 104, 91-111.	6.9	62
11	Osteogenic Potential of Adult Human Stem Cells of the Lumbar Vertebral Body and the Iliac Crest. <i>Spine</i> , 2006, 31, 83-89.	2.0	61
12	Cervical Spine Surgery: An Historical Perspective. <i>Clinical Orthopaedics and Related Research</i> , 2011, 469, 639-648.	1.5	57
13	How do we estimate survival? External validation of a tool for survival estimation in patients with metastatic bone disease—decision analysis and comparison of three international patient populations. <i>BMC Cancer</i> , 2015, 15, 424.	2.6	57
14	Management of long bone metastases: recommendations from the Italian Orthopaedic Society bone metastasis study group. <i>Expert Review of Anticancer Therapy</i> , 2014, 14, 1127-1134.	2.4	50
15	Autoimmunity in intervertebral disc herniation: from bench to bedside. <i>Expert Opinion on Therapeutic Targets</i> , 2013, 17, 1461-1470.	3.4	48
16	Cervical disc herniation and cervical spondylosis surgically treated by Cloward procedure: a 10-year-minimum follow-up study. <i>Journal of Orthopaedics and Traumatology</i> , 2010, 11, 99-103.	2.3	46
17	Eosinophilic Granuloma of the Pediatric Cervical Spine. <i>Spine</i> , 2008, 33, E936-E941.	2.0	45
18	Which patients risk segmental kyphosis after short segment thoracolumbar fracture fixation with intermediate screws?. <i>Injury</i> , 2016, 47, S29-S34.	1.7	41

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19	Italian translation of the Manchester-Oxford Foot Questionnaire, with re-assessment of reliability and validity. <i>Quality of Life Research</i> , 2009, 18, 923-927.	3.1	40
20	Estimating the risk for symptomatic adjacent segment degeneration after lumbar fusion: analysis from a cohort of patients undergoing revision surgery. <i>European Spine Journal</i> , 2014, 23, 693-698.	2.2	39
21	Videoassisted anterior surgical approaches to the craniocervical junction: rationale and clinical results. <i>European Spine Journal</i> , 2015, 24, 2713-2723.	2.2	38
22	Cervical spinal disc replacement. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2009, 91-B, 713-719.	3.4	36
23	Spondylodiscitis: standards of current treatment. <i>Current Medical Research and Opinion</i> , 2012, 28, 689-699.	1.9	35
24	Electrospun Hydroxyapatite-Functionalized PLLA Scaffold: Potential Applications in Sternal Bone Healing. <i>Annals of Biomedical Engineering</i> , 2011, 39, 1882-1890.	2.5	33
25	Use of autologous bone marrow cells concentrate enriched with platelet-rich fibrin on corticocancellous bone allograft for posterolateral multilevel cervical fusion. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2008, 2, 515-520.	2.7	31
26	Surgical Management of Cervical Spine Osteblastomas. <i>Clinical Orthopaedics and Related Research</i> , 2007, 455, 190-195.	1.5	29
27	How to treat lumbar disc herniation in pregnancy? A systematic review on current standards. <i>European Spine Journal</i> , 2017, 26, 496-504.	2.2	29
28	Cervical spine alignment in disc arthroplasty: should we change our perspective?. <i>European Spine Journal</i> , 2015, 24, 810-825.	2.2	28
29	Is endoprosthesis safer than internal fixation for metastatic disease of the proximal femur? A systematic review. <i>Injury</i> , 2017, 48, S48-S54.	1.7	28
30	Long vs. short fusions for adult lumbar degenerative scoliosis: does balance matters?. <i>European Spine Journal</i> , 2015, 24, 887-892.	2.2	27
31	Carbon-fiber reinforced intramedullary nailing in musculoskeletal tumor surgery: a national multicentric experience of the Italian Orthopaedic Society (SIOT) Bone Metastasis Study Group. <i>Injury</i> , 2017, 48, S55-S59.	1.7	27
32	Cyclic Sciatica Related to an Extrapelvic Endometriosis of the Sciatic Nerve. <i>Journal of Spinal Disorders and Techniques</i> , 2002, 15, 436-439.	1.9	26
33	Effectiveness of a mucolytic agent as a local adjuvant in revision lumbar spine surgery. <i>European Spine Journal</i> , 2008, 17, 1752-1756.	2.2	26
34	MESNA for chemically assisted tissue dissection. <i>Expert Opinion on Investigational Drugs</i> , 2010, 19, 699-707.	4.1	26
35	Unicompartmental knee arthroplasty has higher revisions than total knee arthroplasty at long term follow-up: a registry study on 6453 prostheses. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 3323-3329.	4.2	25
36	Current classification systems for adult degenerative scoliosis. <i>Musculoskeletal Surgery</i> , 2013, 97, 1-8.	1.5	24

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37	Galectin-3 Expression in the Intervertebral Disc: A Useful Marker of the Notochord Phenotype?. <i>Spine</i> , 2007, 32, 9-16.	2.0	23
38	A New Harvest Site for Bone Graft in Anterior Cruciate Ligament Revision Surgery. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2007, 23, 558.e1-558.e4.	2.7	22
39	What is the preclinical evidence on platelet rich plasma and intervertebral disc degeneration?. <i>European Spine Journal</i> , 2015, 24, 2377-2386.	2.2	20
40	Mechanical behavior of metastatic femurs through patient-specific computational models accounting for bone-metastasis interaction. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 93, 9-22.	3.1	20
41	Changes in spino-pelvic alignment after surgical treatment of high-grade isthmic spondylolisthesis by a posterior approach: a report of 41 cases. <i>European Spine Journal</i> , 2014, 23, 714-719.	2.2	18
42	Clinical significance of different effects of static and pulsed electromagnetic fields on human osteoclast cultures. <i>Rheumatology International</i> , 2012, 32, 1025-1031.	3.0	17
43	Surgical management of spinal fractures and neurological involvement in patients with myeloma. <i>Injury</i> , 2016, 47, S49-S53.	1.7	17
44	Effect of pedicle screw angles on the fracture risk of the human vertebra: A patient-specific computational model. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 116, 104359.	3.1	17
45	Lumbar subcutaneous edema and degenerative spinal disease in patients with low back pain: a retrospective MRI study. <i>Musculoskeletal Surgery</i> , 2015, 99, 159-163.	1.5	16
46	Role of VEGF, Nitric Oxide, and Sympathetic Neurotransmitters in the Pathogenesis of Tendinopathy: A Review of the Current Evidences. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 186.	3.4	16
47	Management of patients with metastasis to the vertebrae: recommendations from the Italian Orthopaedic Society (SIOT) Bone Metastasis Study Group. <i>Expert Review of Anticancer Therapy</i> , 2014, 14, 143-150.	2.4	15
48	Trauma service reorganization in Bologna (Italy) during COVID-19 pandemic. <i>Injury</i> , 2020, 51, 1684.	1.7	15
49	'Internal bracing' surgery in the management of solid tumor metastases of the thoracic and lumbar spine. <i>Oncology Reports</i> , 2009, 21, 431-5.	2.6	14
50	PATHOLOGIC AND IMPENDING FRACTURES: BIOLOGICAL AND CLINICAL ASPECTS. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2015, 29, 73-8.	0.7	14
51	Fracture risk assessment in metastatic femurs: a patient-specific CT-based finite-element approach. <i>Meccanica</i> , 2020, 55, 861-881.	2.0	13
52	Effect of a mucolytic agent on collagen fibres: An optical and polarized light histological study. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2001, 11, 209-212.	1.4	12
53	Can Selective Soft Tissue Release and Cuboid Osteotomy Correct Neglected Clubfoot?. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 2658-2665.	1.5	12
54	Patients With Cervical Metastasis and Neoplastic Pachymeningitis are Less Likely to Improve Neurologically After Surgery. <i>Clinical Orthopaedics and Related Research</i> , 2011, 469, 708-714.	1.5	11

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55	Survival rates and reasons for revision of different stem designs in total hip arthroplasty for developmental dysplasia: a regional registry study. <i>Journal of Orthopaedics and Traumatology</i> , 2021, 22, 29.	2.3	11
56	Infection after spinal surgery and procedures. <i>European Review for Medical and Pharmacological Sciences</i> , 2019, 23, 173-178.	0.7	11
57	Endothelial dysfunction and tendinopathy: how far have we come?. <i>Musculoskeletal Surgery</i> , 2013, 97, 199-209.	1.5	10
58	Metastatic epidural spinal cord compression. <i>Expert Review of Anticancer Therapy</i> , 2016, 16, 1189-1198.	2.4	10
59	Should evoked potential monitoring be used in degenerative cervical spine surgery? A systematic review. <i>Journal of Orthopaedics and Traumatology</i> , 2019, 20, 19.	2.3	10
60	Trabecular metal screw implanted for avascular necrosis of the femoral head may complicate subsequent arthroplasty surgery. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2014, 24, 931-938.	1.4	9
61	Outcomes of Total Hip Replacement in Limbs Affected by Poliomyelitis. <i>HIP International</i> , 2017, 27, 198-204.	1.7	9
62	Does total hip arthroplasty have a higher risk of failure in patients who undergo lumbar spinal fusion?. <i>Bone and Joint Journal</i> , 2021, 103-B, 486-491.	4.4	9
63	Proximal femoral replacement for non-neoplastic conditions: a systematic review on current outcomes. <i>Journal of Orthopaedics and Traumatology</i> , 2022, 23, 18.	2.3	8
64	Resynthesis of sternal dehiscence with autologous bone graft and autologous platelet gel. <i>Journal of Wound Care</i> , 2012, 21, 74-77.	1.2	7
65	Spontaneous fusion of L5 spondyloptosis: should we learn from nature?. <i>Spine Journal</i> , 2012, 12, 529.	1.3	7
66	Sciatic nerve compression by a gluteal vein varicosity. <i>Spine Journal</i> , 2014, 14, 1797.	1.3	7
67	Biomechanical and neural changes evaluation induced by prolonged use of non-stable footwear: a systematic review. <i>Musculoskeletal Surgery</i> , 2015, 99, 179-187.	1.5	7
68	Autologous bone marrow concentrate combined with platelet-rich plasma enhance bone allograft potential to induce spinal fusion. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2016, 30, 165-172.	0.7	7
69	Pediatric Spinal Cord Injury. <i>Neurosurgery Quarterly</i> , 2004, 14, 184-197.	0.1	6
70	Fractures in bone tumour prosthesis. <i>International Orthopaedics</i> , 2015, 39, 1981-1987.	1.9	6
71	Anterior minimally invasive subcapital osteotomy without hip dislocation for slipped capital femoral epiphysis. <i>International Orthopaedics</i> , 2016, 40, 1615-1623.	1.9	6
72	Failed back surgery syndrome: a new strategy by the epidural injection of MESNA. <i>Musculoskeletal Surgery</i> , 2018, 102, 179-184.	1.5	6

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73	Long-term results of subtalar arthroereisis for the treatment of symptomatic flexible flatfoot in children: an average fifteen-year follow-up study. <i>International Orthopaedics</i> , 2021, 45, 657-664.	1.9	6
74	Clinical and radiological outcomes of total hip arthroplasty in patients affected by Paget's disease: a combined registry and single-institution retrospective observational study. <i>Journal of Orthopaedics and Traumatology</i> , 2021, 22, 13.	2.3	6
75	BIOTECHNOLOGIES AND BIOMATERIALS IN SPINE SURGERY. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2015, 29, 137-47.	0.7	6
76	Osteolytic vs. Osteoblastic Metastatic Lesion: Computational Modeling of the Mechanical Behavior in the Human Vertebra after Screws Fixation Procedure. <i>Journal of Clinical Medicine</i> , 2022, 11, 2850.	2.4	6
77	Dysphagia and dysphonia due to anterior cervical osteophytes: report of a patient affected by DISH. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2006, 16, 344-347.	1.4	5
78	Effects of Probiotics in the Management of Infected Chronic Wounds: From Cell Culture to Human Studies. <i>Current Clinical Pharmacology</i> , 2020, 15, 193-206.	0.6	5
79	Cervical spine disorders and its association with tinnitus: The "triple" hypothesis. <i>Medical Hypotheses</i> , 2017, 98, 2-4.	1.5	4
80	Degenerative Disk Disease. , 2010, , 121-163.		4
81	Increased bone mineral density in the non-resurfaced patella after total knee arthroplasty: A clinical and densitometric study. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2012, 10, 20-24.	1.8	3
82	Outcomes of neck modularity in total hip arthroplasty: an Italian perspective. <i>Musculoskeletal Surgery</i> , 2019, 103, 215-220.	1.5	3
83	Modifications of patellar articular cartilage and subchondral bone following immobilisation and denervation: a histologic and morphometric in vivo study. <i>Journal of Orthopaedics and Traumatology</i> , 2004, 5, 44-49.	2.3	2
84	La función de la eritropoyetina en pacientes sometidos a artroplastia articular electiva y a donación de sangre autóloga preoperatoria. <i>Revista De Ortopedia Y Traumatologia</i> , 2007, 51, 319-324.	0.1	2
85	Off-label use of MESNA in Dupuytren's disease. <i>Medical Hypotheses</i> , 2008, 70, 702-703.	1.5	2
86	Is there a role for endothelial dysfunction in the pathogenesis of lumbar disc degeneration? A hypothesis that needs to be tested. <i>Medical Hypotheses</i> , 2015, 84, 249-251.	1.5	2
87	Are injectable regenerative therapies effective in the treatment of Degenerative Disc Disease? A systematic literature review. <i>Journal of Neurosurgical Sciences</i> , 2021, , .	0.6	2
88	Current Concepts in Cervical Spine Surgery: Editorial Comment. <i>Clinical Orthopaedics and Related Research</i> , 2011, 469, 631-632.	1.5	1
89	Reply to comments by Wu et al. regarding our manuscript titled: A minimally invasive technique for surgical treatment of hallux valgus: simple, effective, rapid, inexpensive (SERI). <i>International Orthopaedics</i> , 2014, 38, 673-674.	1.9	1
90	Cervical Spine Bone Tumor Surgery. , 2010, , 165-174.		1

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91	Cervical Spine Traumas. , 2010, , 175-191.		1
92	TO THE EDITOR. Spine, 2012, 37, 1723.	2.0	0
93	Rumpel-Leede Phenomenon After Tourniquet Use in Limb Surgery. JBJS Case Connector, 2012, 2, e82-1â€³.	0.3	0
94	Comment on â€œAdjacent segment infection after surgical treatment of spondylodiscitisâ€•by Siam AE et al.. Journal of Orthopaedics and Traumatology, 2016, 17, 53-54.	2.3	0
95	The 8th Supplement of the Italian Spine Society/Scoliosis Study Group (SICV&GIS). European Spine Journal, 2018, 27, 149-149.	2.2	0
96	Spinal Metastases: Diagnosis and Management. , 2019, , 137-147.		0
97	Third supplement of the Italian Orthopaedic Society: â€œTrauma care in Italy: A country-related approach with interregional variabilityâ€• Injury, 2019, 50, S1.	1.7	0
98	Pitfalls Related to Inflammatory Disorders. , 2010, , 203-218.		0
99	The Mark Paterson Travelling Fellowship 2014. Bone and Joint 360, 2014, 3, 36-37.	0.0	0
100	When neurosurgery and orthopedics were close in the past: Harvey Cushing and Vittorio Putti. Journal of Neurosurgical Sciences, 2020, 64, 389-392.	0.6	0