

# Antonio Mazzotti

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

1,043  
citations

430874

18  
h-index

454955

30  
g-index

68  
all docs

68  
docs citations

68  
times ranked

1724  
citing authors

#	ARTICLE	IF	CITATIONS
1	Current Concepts in the Biopsy of Musculoskeletal Tumors. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, e7.	3.0	122
2	Pedicle screw insertion techniques: an update and review of the literature. <i>Musculoskeletal Surgery</i> , 2016, 100, 165-169.	1.5	77
3	The tumor microenvironment promotes cancer progression and cell migration. <i>Oncotarget</i> , 2017, 8, 9608-9616.	1.8	64
4	One-step arthroscopic technique for the treatment of osteochondral lesions of the knee with bone-marrow-derived cells: three years results. <i>Musculoskeletal Surgery</i> , 2013, 97, 145-151.	1.5	63
5	Indium selenide: an insight into electronic band structure and surface excitations. <i>Scientific Reports</i> , 2017, 7, 3445.	3.3	60
6	Surgical Treatment of Cavus Foot in Charcot-Marie-Tooth Disease: A Review of Twenty-four Cases. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, e30.	3.0	39
7	The Hypoxia-Mimetic Agent Cobalt Chloride Differently Affects Human Mesenchymal Stem Cells in Their Chondrogenic Potential. <i>Stem Cells International</i> , 2018, 2018, 1-9.	2.5	36
8	In vitro osteogenic and odontogenic differentiation of human dental pulp stem cells seeded on carboxymethyl cellulose-hydroxyapatite hybrid hydrogel. <i>Frontiers in Physiology</i> , 2015, 6, 297.	2.8	34
9	How to prevent dislocation after revision total hip arthroplasty: a systematic review of the risk factors and a focus on treatment options. <i>Journal of Orthopaedics and Traumatology</i> , 2018, 19, 17.	2.3	32
10	Bioabsorbable Calcaneo-Stop Implant for the Treatment of Flexible Flatfoot: A Retrospective Cohort Study at a Minimum Follow-Up of 4 Years. <i>Journal of Foot and Ankle Surgery</i> , 2017, 56, 776-782.	1.0	26
11	An <i>in vitro</i> 3D bone metastasis model by using a human bone tissue culture and human sex-related cancer cells. <i>Oncotarget</i> , 2016, 7, 76966-76983.	1.8	26
12	Current classification systems for adult degenerative scoliosis. <i>Musculoskeletal Surgery</i> , 2013, 97, 1-8.	1.5	24
13	Chondrogenic differentiation of human adipose mesenchymal stem cells: Influence of a biomimetic gelatin genipin crosslinked porous scaffold. <i>Microscopy Research and Technique</i> , 2014, 77, 928-934.	2.2	23
14	A new ligament-compatible patient-specific 3D-printed implant and instrumentation for total ankle arthroplasty: from biomechanical studies to clinical cases. <i>Journal of Orthopaedics and Traumatology</i> , 2020, 21, 16.	2.3	21
15	Hip Resurfacing Implants. <i>Orthopedics</i> , 2015, 38, 504-509.	1.1	20
16	Postoperative wound management with negative pressure wound therapy in knee and hip surgery: a randomised control trial. <i>Journal of Wound Care</i> , 2018, 27, 520-525.	1.2	20
17	Minimally-invasive treatment of calcaneal fractures: A review of the literature and our experience. <i>Injury</i> , 2016, 47, S138-S146.	1.7	19
18	Triplanar correction of adolescent idiopathic scoliosis by asymmetrically shaped and simultaneously applied rods associated with direct vertebral rotation: clinical and radiological analysis of 36 patients. <i>European Spine Journal</i> , 2018, 27, 165-174.	2.2	19

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19	Patient-perceived outcomes after subtalar arthroereisis with bioabsorbable implants for flexible flatfoot in growing age: a 4-year follow-up study. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2018, 28, 707-712.	1.4	19
20	Age-Related Alterations Affecting the Chondrogenic Differentiation of Synovial Fluid Mesenchymal Stromal Cells in an Equine Model. <i>Cells</i> , 2019, 8, 1116.	4.1	19
21	Preoperative valgus deformity has twice the risk of failure as compared to varus deformity after total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 3041-3047.	4.2	19
22	Ultrastructural analysis of human bone marrow mesenchymal stem cells during in vitro osteogenesis and chondrogenesis. <i>Microscopy Research and Technique</i> , 2012, 75, 596-604.	2.2	18
23	Changes in the gene expression of co-cultured human fibroblast cells and osteosarcoma cells: the role of microenvironment. <i>Oncotarget</i> , 2015, 6, 28988-28998.	1.8	18
24	New couplings, old problems: Is there a role for ceramicâ€”metal hip arthroplasty?. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016, 104, 204-209.	3.4	16
25	Treatment algorithm for chronic lateral ankle instability. <i>Muscles, Ligaments and Tendons Journal</i> , 0, , .	0.3	15
26	Custom-Made Total Talonavicular Replacement in a Professional Rock Climber. <i>Journal of Foot and Ankle Surgery</i> , 2016, 55, 1271-1275.	1.0	14
27	Anterior Approach in Total Hip Replacement. <i>Orthopedics</i> , 2017, 40, e553-e556.	1.1	13
28	Cardiac resynchronization therapy: a comparison among left ventricular bipolar, quadripolar and active fixation leads. <i>Scientific Reports</i> , 2018, 8, 13262.	3.3	13
29	Bipolar fresh total osteochondral allograft in the ankle: Is it a successful long-term solution?. <i>Injury</i> , 2017, 48, 1319-1324.	1.7	12
30	Bioabsorbable implants for subtalar arthroereisis in pediatric flatfoot. <i>Musculoskeletal Surgery</i> , 2018, 102, 11-19.	1.5	12
31	Simultaneous double rod and en-bloc direct vertebral rotation technique for correction of main thoracic adolescent idiopathic scoliosis: retrospective analysis of 14 cases. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2016, 30, 181-186.	0.7	11
32	Atypical femoral fractures. <i>Clinical Cases in Mineral and Bone Metabolism</i> , 2013, 10, 30-3.	1.0	10
33	Fluoroscopic and Gait Analyses for the Functional Performance of Custom-Made Total Talonavicular Replacement. <i>Journal of Foot and Ankle Surgery</i> , 2017, 56, 836-844.	1.0	10
34	Patient-specific instrumentation in total ankle arthroplasty. <i>World Journal of Orthopedics</i> , 2022, 13, 230-237.	1.8	9
35	Trends in surgical management of the infected total ankle arthroplasty. <i>European Review for Medical and Pharmacological Sciences</i> , 2019, 23, 159-172.	0.7	9
36	Gelatin crosslinked with dehydroascorbic acid as a novel scaffold for tissue regeneration with simultaneous antitumor activity. <i>Biomedical Materials (Bristol)</i> , 2013, 8, 035011.	3.3	7

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37	Surgical prevention of femoral neck fractures in elderly osteoporotic patients: a randomised controlled study on the prevention nail system device. <i>HIP International</i> , 2018, 28, 78-83.	1.7	7
38	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
39	Surgical repair for abductor lesion after revision total hip arthroplasty: a systematic review. <i>HIP International</i> , 2020, 30, 380-390.	1.7	5
40	Post-operative management after total ankle arthroplasty: A systematic review of the literature. <i>Foot and Ankle Surgery</i> , 2022, 28, 535-542.	1.7	5
41	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
42	Surgical correction in AIS. <i>European Spine Journal</i> , 2019, 28, 6-8.	2.2	4
43	Custom-Made Total Talonavicular Replacement in a Professional Rock Climber: Functional Evaluation With Gait Analysis and 3-Dimensional Medical Imaging in Weightbearing at 5 Years' Follow-Up. <i>Journal of Foot and Ankle Surgery</i> , 2020, 59, 1118-1127.	1.0	4
44	Proximal humeral fractures in elderly patients. <i>Aging Clinical and Experimental Research</i> , 2013, 25, 85-87.	2.9	3
45	Single level anterior cervical discectomy and interbody fusion. <i>European Spine Journal</i> , 2017, 26, 423-424.	2.2	3
46	Spino-pelvic balance and surgical treatment of L5-S1 isthmic spondylolisthesis. <i>European Spine Journal</i> , 2018, 27, 574-576.	2.2	3
47	Covid-19 orthopedic trauma patients characteristics and management during the first pandemic period: report from a single institution in Italy. <i>Musculoskeletal Surgery</i> , 2022, 106, 407-426.	1.5	3
48	Partial and total ankle allografts. <i>Minerva Orthopedics</i> , 2022, 72, .	1.0	3
49	The importance of rehabilitation after lower limb fractures in elderly osteoporotic patients. <i>Aging Clinical and Experimental Research</i> , 2013, 25, 113-115.	2.9	2
50	Effect of acetabular cup design on metal ion release in two designs of metal-on-metal hip resurfacing. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 1595-1601.	3.4	2
51	Congenital forward shoulder with clavicle hypoplasia: surgical lengthening by intercalary graft positioning and plate fixation. <i>Musculoskeletal Surgery</i> , 2016, 100, 207-211.	1.5	2
52	What should I expect from my recalled Adept Hip Resurfacing?. <i>Musculoskeletal Surgery</i> , 2017, 101, 249-254.	1.5	2
53	Wilhelm Schulthess, Pioneer in the Treatment of Spinal Deformities. <i>Spine</i> , 2019, 44, E315-E320.	2.0	2
54	Coronavirus disease 2019 pandemic: should we delay cartilage regenerative procedures and accept the consequences, or can we find a new normality?. <i>International Orthopaedics</i> , 2020, 44, 2189-2190.	1.9	2

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55	Six cases of chloracne in Italy: the success of combined therapy. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2021, 35, e108-e111.	2.4	2
56	Traumatic Cuboid Dislocation. The Potential Role of Plantar Ligaments Integrity in Facilitating Reduction. <i>JBJS Case Connector</i> , 2021, 11, .	0.3	2
57	Isolate acetabular cup revision through the direct anterior hip approach: surgical technique, early experience and review of the literature. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2016, 30, 201-206.	0.7	2
58	Kellerâ€™s arthroplasty for hallux rigidus: A systematic review. <i>Foot and Ankle Surgery</i> , 2022, , .	1.7	2
59	P1505Cardiac resynchronization therapy: a comparison among left ventricular bipolar, quadripolar and active fixation leads. <i>Europace</i> , 2017, 19, iii308-iii308.	1.7	1
60	Direct vertebral rotation and differently shaped dual rod translation technique in adolescent idiopathic scoliosis. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2017, 31, 91-96.	0.7	1
61	The Casuccio-Santacroce-Banfo knee arthroscope: an avant-garde Italian tale in the history of arthroscopy. <i>International Orthopaedics</i> , 2021, 45, 3277-3282.	1.9	0
62	Ankle and Foot: Foot Abnormalities and Pathologies. , 2014, , 223-235.		0
63	When neurosurgery and orthopedics were close in the past: Harvey Cushing and Vittorio Putti. <i>Journal of Neurosurgical Sciences</i> , 2020, 64, 389-392.	0.6	0
64	Congenital metatarsus varus: early diagnosis and conservative treatment in 112 patients. <i>Musculoskeletal Surgery</i> , 0, , .	1.5	0