

Antonio Gigante

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

3,493
citations

126907

33
h-index

144013

57
g-index

106
all docs

106
docs citations

106
times ranked

5044
citing authors

#	ARTICLE	IF	CITATIONS
1	Surgical Epicondylar Axis of the Knee and Its Relationship to the Axial Tibia Alignment in Knee Osteoarthritis: The Concept of Proximal Twist Tibia. <i>Journal of Knee Surgery</i> , 2023, 36, 710-715.	1.6	1
2	Influence of sex and gender on the management of late-stage knee osteoarthritis. <i>Musculoskeletal Surgery</i> , 2022, 106, 457-467.	1.5	7
3	Synovial Biomarkers to Detect Chronic Periprosthetic Joint Infection: A Pilot Study to Compare Calprotectin Rapid Test, Calprotectin ELISA Immunoassay and Leukocyte Esterase Test. <i>Journal of Arthroplasty</i> , 2022, 37, 781-786.	3.1	13
4	Is Dual Mobility Total Hip Arthroplasty Surgery More Aggressive than Hemiarthroplasty when Treating Femoral Neck Fracture in the Elderly? A Multicentric Retrospective Study on 302 Hips. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2022, 13, 215145932210813.	1.4	2
5	Treatment of periprosthetic supracondylar fractures after CR total knee arthroplasty with retrograde intramedullary nailing in an elderly population: a long term evaluation. <i>Orthopedic Reviews</i> , 2022, 14, .	1.3	1
6	Suture anchor reinsertions of distal biceps rupture: a histologic analysis of a torn tendon and clinical results at short- and long-term follow-up. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 352-358.	2.6	0
7	The use of intra-articular injection of autologous micro-fragmented adipose tissue as pain treatment for ankle osteoarthritis: a prospective not randomized clinical study. <i>International Orthopaedics</i> , 2021, 45, 2239-2244.	1.9	14
8	Adipose Micro-Grafts Enhance Tendinopathy Healing in Ovine Model: An in Vivo Experimental Perspective Study. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1544-1560.	3.3	13
9	Stem Cells in Autologous Microfragmented Adipose Tissue: Current Perspectives in Osteoarthritis Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10197.	4.1	21
10	The Arthroscopic Intra-Articular Stabilization of the Shoulder for Irreparable Rotator Cuff Tear: A New Technique Proposal. <i>Frontiers in Surgery</i> , 2021, 8, 624100.	1.4	1
11	Synovial Fluid Calprotectin for the Preoperative Diagnosis of Chronic Periprosthetic Joint Infection. <i>Journal of Arthroplasty</i> , 2020, 35, 534-537.	3.1	39
12	Treatment of avascular osteonecrosis of femoral head by core decompression and platelet-rich plasma: a prospective not controlled study. <i>International Orthopaedics</i> , 2020, 44, 1287-1294.	1.9	10
13	Response to Letter to the Editor on "Synovial Fluid Calprotectin for the Preoperative Diagnosis of Chronic Periprosthetic Joint Infection". <i>Journal of Arthroplasty</i> , 2020, 35, 2298.	3.1	3
14	Sodium chromo-glycate and palmitoylethanolamide: A possible strategy to treat mast cell-induced lung inflammation in COVID-19. <i>Medical Hypotheses</i> , 2020, 143, 109856.	1.5	24
15	Treatment of complex foot deformities with hexapod external fixator in growing children and young adult patients. <i>Foot and Ankle Surgery</i> , 2019, 25, 623-629.	1.7	15
16	Primary reverse shoulder arthroplasty for acute proximal humerus fractures: A 5-year long term retrospective study of elderly patients. <i>Injury</i> , 2019, 50, 1974-1977.	1.7	16
17	Response to Letter to the Editor "Treatment of complex foot deformities with hexapod external fixator in growing children and young adult patients". <i>Foot and Ankle Surgery</i> , 2019, 25, 702.	1.7	0
18	Mechanical and Enzymatic Procedures to Isolate the Stromal Vascular Fraction From Adipose Tissue: Preliminary Results. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 88.	3.7	45

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19	A Rare Case of Distal Interphalangeal Chondromatosis in the Middle Finger: Case Report With Review of Literature. <i>Anticancer Research</i> , 2019, 39, 2951-2955.	1.1	4
20	Synovium-derived stromal cell-induced osteoclastogenesis: a potential osteoarthritis trigger. <i>Clinical Science</i> , 2019, 133, 1813-1824.	4.3	4
21	Acute osteomyelitis and septic arthritis in children: a systematic review of systematic reviews. <i>European Review for Medical and Pharmacological Sciences</i> , 2019, 23, 145-158.	0.7	23
22	Isolated Subscapularis Tendon Tear in a Skeletally Immature Soccer Player. <i>Joints</i> , 2018, 06, 068-070.	1.5	4
23	Superior capsular reconstruction of the shoulder: the ABC (Arthroscopic Biceps Chillemi) technique. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2018, 28, 1215-1223.	1.4	51
24	Fibrocartilaginous metaplasia identified in the long head of the biceps brachii. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, 1221-1225.	2.6	8
25	Autologous Costal Cartilage Graft—A New Method to Treat Articular Cartilage Defects: Case Report and Note of Surgical Technique. <i>Joints</i> , 2018, 06, 246-250.	1.5	2
26	Intercondylar eminence fracture treated by resorbable magnesium screws osteosynthesis: A case series. <i>Injury</i> , 2018, 49, S48-S53.	1.7	38
27	Can Clinical and Surgical Parameters Be Combined to Predict How Long It Will Take a Tibia Fracture to Heal? A Prospective Multicentre Observational Study: The FRACTING Study. <i>BioMed Research International</i> , 2018, 2018, 1-7.	1.9	15
28	Can Elastasonography Be Useful in Improving Diagnosis and Prognosis of Acute Muscle Injuries?. <i>Joints</i> , 2018, 06, 116-121.	1.5	0
29	Distalization and Medialization of Tibial Tuberosity for the Treatment of Potential Patellar Instability with Patella Alta. <i>Joints</i> , 2018, 06, 080-084.	1.5	14
30	Age-Related Changes of Elastic Fibers in Shoulder Capsule of Patients with Glenohumeral Instability: A Pilot Study. <i>BioMed Research International</i> , 2018, 2018, 1-7.	1.9	10
31	How to Manage Failed Rotator Cuff Repair: Biologic Augmentation. , 2018, , 219-228.		1
32	Midshaft clavicle fractures treatment: threaded Kirschner wire versus conservative approach. <i>Strategies in Trauma and Limb Reconstruction</i> , 2017, 12, 141-150.	0.8	8
33	Real-time sonoelastography: principles and clinical applications in tendon disorders.. <i>Muscles, Ligaments and Tendons Journal</i> , 2017, 7, 467.	0.3	20
34	New Strategies for Muscular Repair and Regeneration. , 2017, , 145-156.		3
35	Arthroscopic management of articular and peri-articular fractures of the upper limb. <i>EFORT Open Reviews</i> , 2016, 1, 325-331.	4.1	7
36	Nutraceutical supplement in the management of tendinopathies: a systematic review. <i>Muscles, Ligaments and Tendons Journal</i> , 2016, 6, 48-57.	0.3	18

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37	Arthroscopic Transphyseal Anterior Cruciate Ligament Reconstruction in Adolescent Athletes. <i>Journal of Orthopaedic Surgery</i> , 2016, 24, 307-311.	1.0	13
38	Physical properties imparted by genipin to chitosan for tissue regeneration with human stem cells: A review. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 1366-1381.	7.5	63
39	Real-time sonoelastography as novel follow-up method in Achilles tendon surgery. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 2124-2132.	4.2	30
40	Homologous platelet-rich plasma for the treatment of knee osteoarthritis in selected elderly patients: an open-label, uncontrolled, pilot study. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2016, 8, 35-41.	2.7	52
41	Semitendinosus and gracilis free muscle-tendon graft for repair of massive rotator cuff tears: surgical technique. <i>Joints</i> , 2016, 04, 189-192.	1.5	8
42	Coracoid syndrome: a neglected cause of anterior shoulder pain. <i>Joints</i> , 2016, 04, 031-038.	1.5	1
43	Vitamin MK-7 enhances vitamin D3-induced osteogenesis in hMSCs: modulation of key effectors in mineralization and vascularization. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 691-701.	2.7	24
44	Selective laser sintering manufacturing of polycaprolactone bone scaffolds for applications in bone tissue engineering. <i>Rapid Prototyping Journal</i> , 2015, 21, 386-392.	3.2	49
45	Effectiveness of Vitamin-E-Doped Polyethylene in Joint Replacement: A Literature Review. <i>Journal of Functional Biomaterials</i> , 2015, 6, 889-900.	4.4	39
46	Genipin-Crosslinked Chitosan Gels and Scaffolds for Tissue Engineering and Regeneration of Cartilage and Bone. <i>Marine Drugs</i> , 2015, 13, 7314-7338.	4.6	211
47	Human Periosteal Derived Stem Cell Potential: The Impact of age. <i>Stem Cell Reviews and Reports</i> , 2015, 11, 487-500.	5.6	33
48	One-step cartilage repair in the knee: Collagen-covered microfracture and autologous bone marrow concentrate. A pilot study. <i>Knee</i> , 2015, 22, 30-35.	1.6	97
49	The role of arthroscopy in articular fracture management: the lower limb. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2015, 25, 807-813.	1.4	10
50	Retained versus resected posterior cruciate ligament in mobile-bearing total knee replacement: a retrospective, clinical and functional assessment. <i>Musculoskeletal Surgery</i> , 2015, 99, 149-154.	1.5	2
51	Evaluation of patello-femoral alignment by CT scans: interobserver reliability of several parameters. <i>Radiologia Medica</i> , 2015, 120, 1031-1042.	7.7	4
52	Bone-derived titanium coating improves in vivo implant osseointegration in an experimental animal model. , 2014, 102, 303-310.		12
53	Oral chondroprotection with nutraceuticals made of chondroitin sulphate plus glucosamine sulphate in osteoarthritis. <i>Carbohydrate Polymers</i> , 2014, 109, 126-138.	10.2	61
54	Basic Science and Injury in Growing Athletes: Muscle, Tendon, and Ligament. , 2014, , 19-30.		0

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55	ICL-15 Cartilage Lesion and the Patellofemoral Joint. , 2014, , 127-138.		0
56	Chitosan stabilizes platelet growth factors and modulates stem cell differentiation toward tissue regeneration. Carbohydrate Polymers, 2013, 98, 665-676.	10.2	178
57	Metalloproteases and their inhibitors are altered in both torn and intact rotator cuff tendons. Musculoskeletal Surgery, 2013, 97, 39-47.	1.5	28
58	Single-stage cartilage repair in the knee with microfracture covered with a resorbable polymer-based matrix and autologous bone marrow concentrate. Knee, 2013, 20, 562-569.	1.6	91
59	Purified collagen I oriented membrane for tendon repair: An ex vivo morphological study. Journal of Orthopaedic Research, 2013, 31, 738-745.	2.3	19
60	Total Knee Prosthesis Polyethylene wear Reduction by a New Metal Part Finishing Method. Journal of Applied Biomaterials and Functional Materials, 2013, 11, 99-105.	1.6	0
61	Late-diagnosed large osteochondral fracture of the lateral femoral condyle in an adolescent. Journal of Pediatric Orthopaedics Part B, 2013, 22, 344-349.	0.6	7
62	Matrix metalloproteases and their inhibitors are altered in torn rotator cuff tendons, but also in the macroscopically and histologically intact portion of those tendons. Muscles, Ligaments and Tendons Journal, 2013, 3, 132-8.	0.3	26
63	The effects of growth factors on skeletal muscle lesions. Joints, 2013, 1, 180-6.	1.5	6
64	Arthroscopic Delivery of Matrix-Induced Autologous Chondrocyte Implant. Cartilage, 2012, 3, 156-164.	2.7	23
65	Human Periosteum-Derived Stem Cells for Tissue Engineering Applications: The Role of VEGF. Stem Cell Reviews and Reports, 2012, 8, 882-890.	5.6	45
66	Gorham-Stout disease as a complication of posterior shoulder capsulorrhaphy. Journal of Shoulder and Elbow Surgery, 2012, 21, e1-e7.	2.6	5
67	Arthroscopic management of heterotopic ossification of the subscapularis tendon in a patient with tuberculosis: a case report. Journal of Shoulder and Elbow Surgery, 2012, 21, e1-e5.	2.6	2
68	Chitosan, hyaluronan and chondroitin sulfate in tissue engineering for cartilage regeneration: A review. Carbohydrate Polymers, 2012, 89, 723-739.	10.2	373
69	Non-Steroidal Anti-Inflammatory Drugs and Gastroprotection with Proton Pump Inhibitors. Clinical Drug Investigation, 2012, 32, 221-233.	2.2	33
70	Arthroscopic Knee Cartilage Repair With Covered Microfracture and Bone Marrow Concentrate. Arthroscopy Techniques, 2012, 1, e175-e180.	1.3	78
71	Matrix-induced autologous chondrocyte implantation (MACI) in the knee. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 862-869.	4.2	35
72	Arthroscopic Autologous Chondrocyte Implantation for the Treatment of Chondral Defect in the Knee and Ankle. , 2012, , 711-720.		0

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73	The role of intra-articular hyaluronan (Sinovial [®]) in the treatment of osteoarthritis. <i>Rheumatology International</i> , 2011, 31, 427-444.	3.0	102
74	Blood exposure has a negative effect on engineered cartilage. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 1035-1042.	4.2	6
75	Rotator cuff re-tear or non-healing: histopathological aspects and predictive factors. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 1588-1596.	4.2	81
76	Collagen I membranes for tendon repair: Effect of collagen fiber orientation on cell behavior. <i>Journal of Orthopaedic Research</i> , 2009, 27, 826-832.	2.3	52
77	Distal realignment and patellar autologous chondrocyte implantation: mid-term results in a selected population. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009, 17, 2-10.	4.2	66
78	Isolation of osteogenic progenitors from human amniotic fluid using a single step culture protocol. <i>BMC Biotechnology</i> , 2009, 9, 9.	3.3	46
79	Open versus percutaneous repair in the treatment of acute Achilles tendon rupture: a randomized prospective study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2008, 16, 204-209.	4.2	141
80	Membrane-seeded autologous chondrocytes: cell viability and characterization at surgery. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2007, 15, 88-92.	4.2	60
81	Effect of blood on the morphological, biochemical and biomechanical properties of engineered cartilage. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2007, 15, 1251-1257.	4.2	9
82	Collagenous fibroma of the deltoid muscle: clinical, surgical and histopathological aspects. <i>Journal of Orthopaedics and Traumatology</i> , 2007, 8, 91-94.	2.3	3
83	Physiopathology of the repair process of lesions of Achilles tendon. <i>Foot and Ankle Surgery</i> , 2006, 12, 5-11.	1.7	6
84	Biomimetic Mg- and Mg,CO ₃ -substituted hydroxyapatites: synthesis characterization and in vitro behaviour. <i>Journal of the European Ceramic Society</i> , 2006, 26, 2593-2601.	5.7	203
85	Autologous implantation of chondrocytes on a solid collagen scaffold: clinical and histological outcomes after two years of follow-up. <i>Journal of Orthopaedics and Traumatology</i> , 2005, 6, 36-43.	2.3	41
86	Mesenchymal Stem Cells on Plasma-Deposited Acrylic Acid Coatings: An In Vitro Investigation to Improve Biomaterial Performance in Bone Reconstruction. <i>Journal of Bioactive and Compatible Polymers</i> , 2005, 20, 343-360.	2.1	23
87	Fibrous cartilage in the rotator cuff: a pathogenetic mechanism of tendon tear?. <i>Journal of Shoulder and Elbow Surgery</i> , 2004, 13, 328-332.	2.6	36
88	Engineered articular cartilage: influence of the scaffold on cell phenotype and proliferation. <i>Journal of Materials Science: Materials in Medicine</i> , 2003, 14, 713-716.	3.6	31
89	Effects of elastin-derived peptide on Achilles' tendon healing: an experimental study. <i>Journal of Materials Science: Materials in Medicine</i> , 2003, 14, 717-720.	3.6	18
90	Arthroscopy-assisted reduction and percutaneous fixation of a multiple glenoid fracture. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2003, 11, 112-115.	4.2	31

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91	Kienbock's disease with negative ulnar variance: surgical treatment with ulnar lengthening. Journal of Orthopaedics and Traumatology, 2003, 4, 30-34.	2.3	0
92	Increased external tibial torsion in Osgood-Schlatter disease. Acta Orthopaedica, 2003, 74, 431-436.	1.4	38
93	Percutaneous repair of achilles tendon rupture: ultrasonographical and isokinetic evaluation. Foot and Ankle Surgery, 2002, 8, 267-276.	1.7	25
94	Neurotrophins and their receptors in early axonal regeneration along muscle-vein-combined grafts. Microsurgery, 2002, 22, 300-303.	1.3	31
95	The Effects of Patellar Taping on Patellofemoral Incongruence. American Journal of Sports Medicine, 2001, 29, 88-92.	4.2	64
96	Patellar tendon healing after removal of its central third. Knee Surgery, Sports Traumatology, Arthroscopy, 2001, 9, 92-101.	4.2	6
97	Autologous chondrocyte implantation: cells phenotype and proliferation analysis. Knee Surgery, Sports Traumatology, Arthroscopy, 2001, 9, 254-258.	4.2	10
98	Characterization of cultured human ligamentum flavum cells in lumbar spine stenosis. Journal of Orthopaedic Research, 2001, 19, 294-300.	2.3	49
99	DL-penicillamine induced alteration of elastic fibers of periosteum-perichondrium and associated growth inhibition: an experimental study. Journal of Orthopaedic Research, 2001, 19, 398-404.	2.3	5
100	Elastic fibers of musculoskeletal tissues in bovine marfan syndrome: A morphometric study. Journal of Orthopaedic Research, 1999, 17, 624-628.	2.3	16
101	Title is missing!. Journal of Pediatric Orthopaedics, 1999, 19, 283-288.	1.2	7
102	Distribution of elastic fiber types in the epiphyseal region. Journal of Orthopaedic Research, 1996, 14, 810-817.	2.3	17
103	Patellofemoral Malalignment in Adolescents. American Journal of Sports Medicine, 1994, 22, 55-60.	4.2	104
104	Fibrin-antibiotic mixtures: An in vitro study assessing the possibility of using a biologic carrier for local drug delivery. Journal of Biomedical Materials Research Part B, 1991, 25, 39-51.	3.1	50
105	THE EFFECTS OF GROWTH FACTORS ON SKELETAL MUSCLE LESIONS. Joints, 0, , .	1.5	3