

Giuseppe Filardo

List of Publications by Year in descending order

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Version: 2024-02-01

335
papers

16,911
citations

11646

70
h-index

20955

115
g-index

341
all docs

341
docs citations

341
times ranked

9786
citing authors

#	ARTICLE	IF	CITATIONS
1	Platelet-Rich Plasma Intra-Articular Injection Versus Hyaluronic Acid Viscosupplementation as Treatments for Cartilage Pathology: From Early Degeneration to Osteoarthritis. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2011, 27, 1490-1501.	2.7	476
2	Platelet-rich plasma: intra-articular knee injections produced favorable results on degenerative cartilage lesions. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2010, 18, 472-479.	4.2	457
3	Arthroscopic Second-Generation Autologous Chondrocyte Implantation Compared with Microfracture for Chondral Lesions of the Knee. <i>American Journal of Sports Medicine</i> , 2009, 37, 33-41.	4.2	400
4	Platelet-rich plasma intra-articular knee injections for the treatment of degenerative cartilage lesions and osteoarthritis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 528-535.	4.2	347
5	Platelet-rich plasma intra-articular injections for cartilage degeneration and osteoarthritis: single-versus double-spinning approach. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 2082-2091.	4.2	318
6	Platelet-rich plasma vs hyaluronic acid to treat knee degenerative pathology: study design and preliminary results of a randomized controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 229.	1.9	302
7	Biomechanical considerations in the pathogenesis of osteoarthritis of the knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 423-435.	4.2	295
8	Platelet-Rich Plasma Intra-articular Knee Injections Show No Superiority Versus Viscosupplementation. <i>American Journal of Sports Medicine</i> , 2015, 43, 1575-1582.	4.2	292
9	Platelet-rich plasma: New clinical application. <i>Injury</i> , 2009, 40, 598-603.	1.7	289
10	Use of platelet-rich plasma for the treatment of refractory jumper's knee. <i>International Orthopaedics</i> , 2010, 34, 909-915.	1.9	273
11	Definition and classification of early osteoarthritis of the knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 401-406.	4.2	211
12	Platelet-rich plasma: why intra-articular? A systematic review of preclinical studies and clinical evidence on PRP for joint degeneration. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 2459-2474.	4.2	206
13	Adipose-Derived Mesenchymal Stem Cells Exert Antiinflammatory Effects on Chondrocytes and Synoviocytes From Osteoarthritis Patients Through Prostaglandin E ₂ . <i>Arthritis and Rheumatism</i> , 2013, 65, 1271-1281.	6.7	205
14	Articular Cartilage Treatment in High-Level Male Soccer Players. <i>American Journal of Sports Medicine</i> , 2011, 39, 2549-2557.	4.2	204
15	Arthroscopic Autologous Osteochondral Grafting for Cartilage Defects of the Knee. <i>American Journal of Sports Medicine</i> , 2007, 35, 2014-2021.	4.2	202
16	Mesenchymal stem cells for the treatment of cartilage lesions: from preclinical findings to clinical application in orthopaedics. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 1717-1729.	4.2	199
17	Patellofemoral Full-Thickness Chondral Defects Treated With Second-Generation Autologous Chondrocyte Implantation. <i>American Journal of Sports Medicine</i> , 2009, 37, 1083-1092.	4.2	195
18	Novel Nano-composite Multilayered Biomaterial for Osteochondral Regeneration. <i>American Journal of Sports Medicine</i> , 2011, 39, 1180-1190.	4.2	183

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19	Early osteoarthritis of the knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 1753-1762.	4.2	180
20	Platelet-Rich Plasma: Where Are We Now and Where Are We Going?. <i>Sports Health</i> , 2010, 2, 203-210.	2.7	179
21	Patellofemoral Full-Thickness Chondral Defects Treated with Hyalograft-C. <i>American Journal of Sports Medicine</i> , 2006, 34, 1763-1773.	4.2	177
22	Orderly osteochondral regeneration in a sheep model using a novel nano-composite multilayered biomaterial. <i>Journal of Orthopaedic Research</i> , 2010, 28, 116-124.	2.3	177
23	Platelet-Rich Plasma: The Choice of Activation Method Affects the Release of Bioactive Molecules. <i>BioMed Research International</i> , 2016, 2016, 1-7.	1.9	172
24	Platelet-Rich Plasma Versus Hyaluronic Acid Injections for the Treatment of Knee Osteoarthritis: Results at 5 Years of a Double-Blind, Randomized Controlled Trial. <i>American Journal of Sports Medicine</i> , 2019, 47, 347-354.	4.2	166
25	Matrix-Assisted Autologous Chondrocyte Transplantation for the Repair of Cartilage Defects of the Knee. <i>American Journal of Sports Medicine</i> , 2009, 37, 156-166.	4.2	164
26	Comparison of Platelet-Rich Plasma Formulations for Cartilage Healing. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 423-429.	3.0	163
27	Platelet-rich plasma (PRP) to treat sports injuries: evidence to support its use. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 516-527.	4.2	160
28	A novel nano-composite multi-layered biomaterial for treatment of osteochondral lesions: Technique note and an early stability pilot clinical trial. <i>Injury</i> , 2010, 41, 693-701.	1.7	157
29	Scaffold-Based Repair for Cartilage Healing: A Systematic Review and Technical Note. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2013, 29, 174-186.	2.7	153
30	Platelet-rich plasma in tendon-related disorders: results and indications. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 1984-1999.	4.2	151
31	Non-surgical management of early knee osteoarthritis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 436-449.	4.2	146
32	Scaffold-Based Cartilage Treatments: With or Without Cells? A Systematic Review of Preclinical and Clinical Evidence. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2015, 31, 767-775.	2.7	144
33	Surgical treatment for early osteoarthritis. Part I: cartilage repair procedures. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 450-466.	4.2	125
34	Does Intensive Rehabilitation Permit Early Return to Sport without Compromising the Clinical Outcome after Arthroscopic Autologous Chondrocyte Implantation in Highly Competitive Athletes?. <i>American Journal of Sports Medicine</i> , 2010, 38, 68-77.	4.2	124
35	Arthroscopic Second-Generation Autologous Chondrocyte Implantation. <i>American Journal of Sports Medicine</i> , 2011, 39, 2153-2160.	4.2	124
36	Platelet autologous growth factors decrease the osteochondral regeneration capability of a collagen-hydroxyapatite scaffold in a sheep model. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 220.	1.9	120

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37	Platelet-rich plasma for the treatment of knee osteoarthritis: an expert opinion and proposal for a novel classification and coding system. <i>Expert Opinion on Biological Therapy</i> , 2020, 20, 1447-1460.	3.1	118
38	PRP Injections for the Treatment of Knee Osteoarthritis: A Meta-Analysis of Randomized Controlled Trials. <i>Cartilage</i> , 2021, 13, 364S-375S.	2.7	113
39	Platelet-rich plasma: evidence for the treatment of patellar and Achilles tendinopathy—a systematic review. <i>Musculoskeletal Surgery</i> , 2015, 99, 1-9.	1.5	112
40	Non-surgical treatments for the management of early osteoarthritis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 1775-1785.	4.2	108
41	Treatment of cartilage lesions: What works and why?. <i>Injury</i> , 2013, 44, S11-S15.	1.7	105
42	Stem cells in articular cartilage regeneration. <i>Journal of Orthopaedic Surgery and Research</i> , 2016, 11, 42.	2.3	105
43	Is Platelet-Rich Plasma (PRP) Effective in the Treatment of Acute Muscle Injuries? A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2018, 48, 971-989.	6.5	105
44	Clinical Results and MRI Evolution of a Nano-Composite Multilayered Biomaterial for Osteochondral Regeneration at 5 Years. <i>American Journal of Sports Medicine</i> , 2014, 42, 158-165.	4.2	104
45	Platelet-Rich Plasma for Patellar Tendinopathy: A Randomized Controlled Trial of Leukocyte-Rich PRP or Leukocyte-Poor PRP Versus Saline. <i>American Journal of Sports Medicine</i> , 2019, 47, 1654-1661.	4.2	104
46	Arthroscopic second generation autologous chondrocyte implantation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2007, 15, 610-619.	4.2	103
47	Treatment of Knee Osteochondritis Dissecans With a Cell-Free Biomimetic Osteochondral Scaffold. <i>American Journal of Sports Medicine</i> , 2013, 41, 1786-1793.	4.2	101
48	Novel nanostructured scaffold for osteochondral regeneration: pilot study in horses. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2010, 4, 300-308.	2.7	100
49	Second-Generation Autologous Chondrocyte Implantation. <i>American Journal of Sports Medicine</i> , 2011, 39, 1668-1676.	4.2	100
50	Tissue Engineering for Total Meniscal Substitution: Animal Study in Sheep Model—Results at 12 Months. <i>Tissue Engineering - Part A</i> , 2012, 18, 1573-1582.	3.1	99
51	Effect of two different preparations of platelet-rich plasma on synoviocytes. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 2690-2703.	4.2	99
52	Matrix-Assisted Autologous Chondrocyte Transplantation for Cartilage Regeneration in Osteoarthritic Knees. <i>American Journal of Sports Medicine</i> , 2013, 41, 95-100.	4.2	98
53	Surgical treatment for early osteoarthritis. Part II: allografts and concurrent procedures. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 468-486.	4.2	97
54	Adipose-Derived Mesenchymal Stem Cells for the Treatment of Articular Cartilage: A Systematic Review on Preclinical and Clinical Evidence. <i>Stem Cells International</i> , 2015, 2015, 1-13.	2.5	97

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55	Regenerative medicine for the treatment of musculoskeletal overuse injuries in competition horses. <i>International Orthopaedics</i> , 2011, 35, 1569-1576.	1.9	95
56	The MOCART (Magnetic Resonance Observation of Cartilage Repair Tissue) 2.0 Knee Score and Atlas. <i>Cartilage</i> , 2021, 13, 571S-587S.	2.7	95
57	Matrix assisted autologous chondrocyte transplantation for cartilage treatment. <i>Bone and Joint Research</i> , 2013, 2, 18-25.	3.6	94
58	Nonsurgical Treatments of Patellar Tendinopathy: Multiple Injections of Platelet-Rich Plasma Are a Suitable Option: A Systematic Review and Meta-analysis. <i>American Journal of Sports Medicine</i> , 2019, 47, 1001-1018.	4.2	93
59	Bone marrow lesions and subchondral bone pathology of the knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 1797-1814.	4.2	91
60	Disease-specific clinical problems associated with the subchondral bone. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2010, 18, 448-462.	4.2	89
61	ACI and MACI. <i>Journal of Knee Surgery</i> , 2012, 25, 017-022.	1.6	88
62	Novel nano-composite multi-layered biomaterial for the treatment of multifocal degenerative cartilage lesions. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009, 17, 1312-1315.	4.2	84
63	Platelet-rich plasma for the treatment of patellar tendinopathy: clinical and imaging findings at medium-term follow-up. <i>International Orthopaedics</i> , 2013, 37, 1583-1589.	1.9	84
64	Platelet-rich plasma for the treatment of bone defects: from pre-clinical rational to evidence in the clinical practice. A systematic review. <i>International Orthopaedics</i> , 2017, 41, 221-237.	1.9	84
65	From osteoarthritic synovium to synovial-derived cells characterization: synovial macrophages are key effector cells. <i>Arthritis Research and Therapy</i> , 2016, 18, 83.	3.5	82
66	Clinical application of bone morphogenetic proteins for bone healing: a systematic review. <i>International Orthopaedics</i> , 2017, 41, 1073-1083.	1.9	77
67	Lights and shadows concerning platelet products for musculoskeletal regeneration. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 96-107.	1.8	75
68	Treatment of "Patellofemoral" Cartilage Lesions With Matrix-Assisted Autologous Chondrocyte Transplantation. <i>American Journal of Sports Medicine</i> , 2014, 42, 626-634.	4.2	75
69	Second-generation arthroscopic autologous chondrocyte implantation for the treatment of degenerative cartilage lesions. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 1704-1713.	4.2	74
70	Second Generation Issues in Cartilage Repair. <i>Sports Medicine and Arthroscopy Review</i> , 2008, 16, 221-229.	2.3	73
71	Arthroscopic second generation autologous chondrocytes implantation associated with bone grafting for the treatment of knee osteochondritis dissecans: Results at 6years. <i>Knee</i> , 2012, 19, 658-663.	1.6	73
72	Platelet-rich plasma injections for the treatment of refractory Achilles tendinopathy: results at 4 years. <i>Blood Transfusion</i> , 2014, 12, 533-40.	0.4	70

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73	Second-generation autologous chondrocyte transplantation: MRI findings and clinical correlations at a minimum 5-year follow-up. <i>European Journal of Radiology</i> , 2011, 79, 382-388.	2.6	69
74	Clinical Profiling in Cartilage Regeneration. <i>American Journal of Sports Medicine</i> , 2014, 42, 898-905.	4.2	69
75	Basic science of osteoarthritis. <i>Journal of Experimental Orthopaedics</i> , 2016, 3, 22.	1.8	69
76	Leukocyte-Rich Platelet-Rich Plasma Injections Do Not Up-Modulate Intra-Articular Pro-Inflammatory Cytokines in the Osteoarthritic Knee. <i>PLoS ONE</i> , 2016, 11, e0156137.	2.5	66
77	The Long-Lasting Effects of "Placebo Injections" in Knee Osteoarthritis: A Meta-Analysis. <i>Cartilage</i> , 2021, 13, 185S-196S.	2.7	66
78	Clinical Outcomes of Knee Osteoarthritis Treated With an Autologous Protein Solution Injection: A 1-Year Pilot Double-Blinded Randomized Controlled Trial. <i>American Journal of Sports Medicine</i> , 2018, 46, 171-180.	4.2	65
79	New trends for knee cartilage regeneration: from cell-free scaffolds to mesenchymal stem cells. <i>Current Reviews in Musculoskeletal Medicine</i> , 2012, 5, 236-243.	3.5	64
80	Does Platelet-Rich Plasma Freeze-Thawing Influence Growth Factor Release and Their Effects on Chondrocytes and Synoviocytes?. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	64
81	Platelet-rich plasma affects bacterial growth in vitro. <i>Cytotherapy</i> , 2014, 16, 1294-1304.	0.7	63
82	Clinical results of multilayered biomaterials for osteochondral regeneration. <i>Journal of Experimental Orthopaedics</i> , 2014, 1, 10.	1.8	63
83	Revision anterior cruciate ligament reconstruction: clinical outcome and evidence for return to sport. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 2825-2845.	4.2	63
84	Arthroscopic Collagen Meniscus Implantation for Partial Lateral Meniscal Defects. <i>American Journal of Sports Medicine</i> , 2012, 40, 2281-2288.	4.2	62
85	PRP For the Treatment of Cartilage Pathology. <i>The Open Orthopaedics Journal</i> , 2013, 7, 120-128.	0.2	62
86	PRP Augmentation for ACL Reconstruction. <i>BioMed Research International</i> , 2015, 2015, 1-15.	1.9	62
87	Secretome and Extracellular Vesicles as New Biological Therapies for Knee Osteoarthritis: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2019, 8, 1867.	2.4	62
88	Does PRP enhance bone integration with grafts, graft substitutes, or implants? A systematic review. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 330.	1.9	60
89	Osteochondral scaffold reconstruction for complex knee lesions: a comparative evaluation. <i>Knee</i> , 2013, 20, 570-576.	1.6	60
90	Osteochondral regeneration with a novel aragonite-hyaluronate biphasic scaffold: up to 12-month follow-up study in a goat model. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 81.	2.3	60

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91	Biodegradable polyurethane meniscal scaffold for isolated partial lesions or as combined procedure for knees with multiple comorbidities: clinical results at 2 years. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 128-134.	4.2	59
92	Meniscal scaffolds: results and indications. A systematic literature review. <i>International Orthopaedics</i> , 2015, 39, 35-46.	1.9	59
93	A multilayer biomaterial for osteochondral regeneration shows superiority vs microfractures for the treatment of osteochondral lesions in a multicentre randomized trial at 2 years. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 2704-2715.	4.2	59
94	Preparation method and growth factor content of platelet concentrate influence the osteogenic differentiation of bone marrow stromal cells. <i>Cytotherapy</i> , 2013, 15, 830-839.	0.7	58
95	Sport and early osteoarthritis: the role of sport in aetiology, progression and treatment of knee osteoarthritis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 1786-1796.	4.2	58
96	Osteochondritis Dissecans of the Knee: Etiology and Pathogenetic Mechanisms. A Systematic Review. <i>Cartilage</i> , 2020, 11, 273-290.	2.7	58
97	Osteochondral regeneration using a novel aragonite-hyaluronate bi-phasic scaffold in a goat model. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 1452-1464.	4.2	57
98	Regenerative therapies increase survivorship of avascular necrosis of the femoral head: a systematic review and meta-analysis. <i>International Orthopaedics</i> , 2018, 42, 1689-1704.	1.9	57
99	Nonoperative Biological Treatment Approach for Partial Achilles Tendon Lesion. <i>Orthopedics</i> , 2010, 33, 120-123.	1.1	57
100	Human Osteoarthritic Cartilage Shows Reduced In Vivo Expression of IL-4, a Chondroprotective Cytokine that Differentially Modulates IL-1 β -Stimulated Production of Chemokines and Matrix-Degrading Enzymes In Vitro. <i>PLoS ONE</i> , 2014, 9, e96925.	2.5	55
101	Osteochondritis Dissecans of the Knee - Conservative Treatment Strategies: A Systematic Review. <i>Cartilage</i> , 2019, 10, 267-277.	2.7	54
102	Knee Osteochondral Autologous Transplantation: Long-term MR findings and clinical correlations. <i>European Journal of Radiology</i> , 2010, 76, 117-123.	2.6	53
103	How to Treat Osteochondritis Dissecans of the Knee: Surgical Techniques and New Trends. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, e1.	3.0	53
104	A one-step treatment for chondral and osteochondral knee defects: clinical results of a biomimetic scaffold implantation at 2 years of follow-up. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 2437-2444.	3.6	53
105	Long-term Results After Hyaluronan-based MACT for the Treatment of Cartilage Lesions of the Patellofemoral Joint. <i>American Journal of Sports Medicine</i> , 2016, 44, 602-608.	4.2	52
106	Autologous osteochondral transplantation for the treatment of knee lesions: results and limitations at two years follow-up. <i>International Orthopaedics</i> , 2014, 38, 1905-1912.	1.9	50
107	Biologic agents for anterior cruciate ligament healing: A systematic review. <i>World Journal of Orthopedics</i> , 2016, 7, 592.	1.8	50
108	Unicompartmental osteoarthritis: an integrated biomechanical and biological approach as alternative to metal resurfacing. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 2509-2517.	4.2	49

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109	One-Step Treatment for Patellar Cartilage Defects With a Cell-Free Osteochondral Scaffold: A Prospective Clinical and MRI Evaluation. <i>American Journal of Sports Medicine</i> , 2017, 45, 1581-1588.	4.2	48
110	Polyurethane Meniscal Scaffold for the Treatment of Partial Meniscal Deficiency: 5-Year Follow-up Outcomes: A European Multicentric Study. <i>American Journal of Sports Medicine</i> , 2020, 48, 1347-1355.	4.2	47
111	Chondral and osteochondral operative treatment in early osteoarthritis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 1743-1752.	4.2	46
112	Surgical treatment of early knee osteoarthritis with a cell-free osteochondral scaffold: results at 24 months of follow-up. <i>Injury</i> , 2015, 46, S33-S38.	1.7	45
113	Arthroscopic mosaicplasty: Long-term outcome and joint degeneration progression. <i>Knee</i> , 2015, 22, 36-40.	1.6	45
114	A novel aragonite-based scaffold for osteochondral regeneration: early experience on human implants and technical developments. <i>Injury</i> , 2016, 47, S27-S32.	1.7	45
115	The Role of Wnt Pathway in the Pathogenesis of OA and Its Potential Therapeutic Implications in the Field of Regenerative Medicine. <i>BioMed Research International</i> , 2018, 2018, 1-8.	1.9	45
116	Conservative treatment of spontaneous osteonecrosis of the knee in the early stage: Pulsed electromagnetic fields therapy. <i>European Journal of Radiology</i> , 2013, 82, 530-537.	2.6	44
117	Platelet-rich plasma for foot and ankle pathologies: A systematic review. <i>Foot and Ankle Surgery</i> , 2014, 20, 2-9.	1.7	44
118	Fibrin glue improves osteochondral scaffold fixation: study on the human cadaveric knee exposed to continuous passive motion. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 557-565.	1.3	43
119	Patient kinesiophobia affects both recovery time and final outcome after total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 3322-3328.	4.2	41
120	Spermidine rescues the deregulated autophagic response to oxidative stress of osteoarthritic chondrocytes. <i>Free Radical Biology and Medicine</i> , 2020, 153, 159-172.	2.9	40
121	The Role of Three-Dimensional Scaffolds in Treating Long Bone Defects: Evidence from Preclinical and Clinical Literature—A Systematic Review. <i>BioMed Research International</i> , 2017, 2017, 1-13.	1.9	39
122	Treatment of Knee Osteochondritis Dissecans With a Cell-Free Biomimetic Osteochondral Scaffold: Clinical and Imaging Findings at Midterm Follow-up. <i>American Journal of Sports Medicine</i> , 2018, 46, 314-321.	4.2	39
123	Bone bruise in anterior cruciate ligament rupture entails a more severe joint damage affecting joint degenerative progression. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 44-59.	4.2	39
124	Midshaft Clavicle Fractures: Surgery Provides Better Results as Compared With Nonoperative Treatment: A Meta-analysis. <i>American Journal of Sports Medicine</i> , 2019, 47, 3541-3551.	4.2	39
125	Fabrication and Pilot In Vivo Study of a Collagen-BDDGE-Elastin Core-Shell Scaffold for Tendon Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2016, 4, 52.	4.1	38
126	Platelet-rich plasma injections induce disease-modifying effects in the treatment of osteoarthritis in animal models. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 4100-4121.	4.2	38

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127	Sulforaphane protects human chondrocytes against cell death induced by various stimuli. <i>Journal of Cellular Physiology</i> , 2011, 226, 1771-1779.	4.1	36
128	Bone marrow concentrate injections for the treatment of osteoarthritis: evidence from preclinical findings to the clinical application. <i>International Orthopaedics</i> , 2021, 45, 525-538.	1.9	36
129	Leukocyte-Rich versus Leukocyte-Poor Platelet-Rich Plasma for the Treatment of Knee Osteoarthritis: A Double-Blind Randomized Trial. <i>American Journal of Sports Medicine</i> , 2022, 50, 609-617.	4.2	36
130	Is the clinical outcome after cartilage treatment affected by subchondral bone edema?. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 1337-1344.	4.2	35
131	Unicompartmental knee arthroplasty in patients over 75 years: a definitive solution?. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2016, 136, 117-123.	2.4	35
132	Return to Sport Activity After Meniscal Allograft Transplantation: At What Level and at What Cost? A Systematic Review and Meta-analysis. <i>Sports Health</i> , 2019, 11, 123-133.	2.7	35
133	Treatment of unstable knee osteochondritis dissecans in the young adult: results and limitations of surgical strategies – The advantages of allografts to address an osteochondral challenge. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 1726-1738.	4.2	35
134	Leukocyte presence does not increase microbicidal activity of Platelet-rich Plasma in vitro. <i>BMC Microbiology</i> , 2015, 15, 149.	3.3	34
135	Recurrent patellar dislocations: trochleoplasty improves the results of medial patellofemoral ligament surgery only in severe trochlear dysplasia. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 3599-3613.	4.2	34
136	Evidence on ankle injections for osteochondral lesions and osteoarthritis: a systematic review and meta-analysis. <i>International Orthopaedics</i> , 2021, 45, 509-523.	1.9	34
137	Tibial plateau lesions. Surface reconstruction with a biomimetic osteochondral scaffold: Results at 2 years of follow-up. <i>Injury</i> , 2014, 45, S121-S125.	1.7	33
138	Do cartilage lesions affect the clinical outcome of anterior cruciate ligament reconstruction? A systematic review. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 3061-3075.	4.2	33
139	Novel alginate biphasic scaffold for osteochondral regeneration: an in vivo evaluation in rabbit and sheep models. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 74.	3.6	33
140	Synovial Fluid Biomarkers in Knee Osteoarthritis: A Systematic Review and Quantitative Evaluation Using BIPEDs Criteria. <i>Cartilage</i> , 2021, 13, 82S-103S.	2.7	33
141	Arthroscopic lateral collagen meniscus implant in a professional soccer player. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 1740-1743.	4.2	32
142	Meniscal allograft transplantation combined with anterior cruciate ligament reconstruction provides good mid-term clinical outcome. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 1914-1923.	4.2	32
143	Pain Trajectories in Knee Osteoarthritis – A Systematic Review and Best Evidence Synthesis on Pain Predictors. <i>Journal of Clinical Medicine</i> , 2020, 9, 2828.	2.4	32
144	Does Patient Sex Influence Cartilage Surgery Outcome?. <i>American Journal of Sports Medicine</i> , 2013, 41, 1827-1834.	4.2	31

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