Giuseppe Filardo

List of Publications by Year
in descending order

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335 papers	16,911 citations	11608 70 h-index	20900 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. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2011, 27, 1490-1501.	1.3	476
2	Platelet-rich plasma: intra-articular knee injections produced favorable results on degenerative cartilage lesions. Knee Surgery, Sports Traumatology, Arthroscopy, 2010, 18, 472-479.	2.3	457
3	Arthroscopic Second-Generation Autologous Chondrocyte Implantation Compared with Microfracture for Chondral Lesions of the Knee. American Journal of Sports Medicine, 2009, 37, 33-41.	1.9	400
4	Platelet-rich plasma intra-articular knee injections for the treatment of degenerative cartilage lesions and osteoarthritis. Knee Surgery, Sports Traumatology, Arthroscopy, 2011, 19, 528-535.	2.3	347
5	Platelet-rich plasma intra-articular injections for cartilage degeneration and osteoarthritis: single- versus double-spinning approach. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 2082-2091.	2.3	318
6	Platelet-rich plasma vs hyaluronic acid to treat knee degenerative pathology: study design and preliminary results of a randomized controlled trial. BMC Musculoskeletal Disorders, 2012, 13, 229.	0.8	302
7	Biomechanical considerations in the pathogenesis of osteoarthritis of the knee. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 423-435.	2.3	295
8	Platelet-Rich Plasma Intra-articular Knee Injections Show No Superiority Versus Viscosupplementation. American Journal of Sports Medicine, 2015, 43, 1575-1582.	1.9	292
9	Platelet-rich plasma: New clinical application. Injury, 2009, 40, 598-603.	0.7	289
10	Use of platelet-rich plasma for the treatment of refractory jumperâ€™s knee. International Orthopaedics, 2010, 34, 909-915.	0.9	273
11	Definition and classification of early osteoarthritis of the knee. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 401-406.	2.3	211
12	Platelet-rich plasma: why intra-articular? A systematic review of preclinical studies and clinical evidence on PRP for joint degeneration. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 2459-2474.	2.3	206
13	Adiposeâ€Derived Mesenchymal Stem Cells Exert Antiinflammatory Effects on Chondrocytes and Synoviocytes From Osteoarthritis Patients Through Prostaglandin E₂. Arthritis and Rheumatism, 2013, 65, 1271-1281.	6.7	205
14	Articular Cartilage Treatment in High-Level Male Soccer Players. American Journal of Sports Medicine, 2011, 39, 2549-2557.	1.9	204
15	Arthroscopic Autologous Osteochondral Grafting for Cartilage Defects of the Knee. American Journal of Sports Medicine, 2007, 35, 2014-2021.	1.9	202
16	Mesenchymal stem cells for the treatment of cartilage lesions: from preclinical findings to clinical application in orthopaedics. Knee Surgery, Sports Traumatology, Arthroscopy, 2013, 21, 1717-1729.	2.3	199
17	Patellofemoral Full-Thickness Chondral Defects Treated With Second-Generation Autologous Chondrocyte Implantation. American Journal of Sports Medicine, 2009, 37, 1083-1092.	1.9	195
18	Novel Nano-composite Multilayered Biomaterial for Osteochondral Regeneration. American Journal of Sports Medicine, 2011, 39, 1180-1190.	1.9	183

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19	Early osteoarthritis of the knee. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 1753-1762.	2.3	180
20	Platelet-Rich Plasma: Where Are We Now and Where Are We Going?. Sports Health, 2010, 2, 203-210.	1.3	179
21	Patellofemoral Full-Thickness Chondral Defects Treated with Hyalograft-C. American Journal of Sports Medicine, 2006, 34, 1763-1773.	1.9	177
22	Orderly osteochondral regeneration in a sheep model using a novel nanoâ€composite multilayered biomaterial. Journal of Orthopaedic Research, 2010, 28, 116-124.	1.2	177
23	Platelet-Rich Plasma: The Choice of Activation Method Affects the Release of Bioactive Molecules. BioMed Research International, 2016, 2016, 1-7.	0.9	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. American Journal of Sports Medicine, 2019, 47, 347-354.	1.9	166
25	Matrix-Assisted Autologous Chondrocyte Transplantation for the Repair of Cartilage Defects of the Knee. American Journal of Sports Medicine, 2009, 37, 156-166.	1.9	164
26	Comparison of Platelet-Rich Plasma Formulations for Cartilage Healing. Journal of Bone and Joint Surgery - Series A, 2014, 96, 423-429.	1.4	163
27	Platelet-rich plasma (PRP) to treat sports injuries: evidence to support its use. Knee Surgery, Sports Traumatology, Arthroscopy, 2011, 19, 516-527.	2.3	160
28	A novel nano-composite multi-layered biomaterial for treatment of osteochondral lesions: Technique note and an early stability pilot clinical trial. Injury, 2010, 41, 693-701.	0.7	157
29	Scaffold-Based Repair for Cartilage Healing: A Systematic Review and Technical Note. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2013, 29, 174-186.	1.3	153
30	Platelet-rich plasma in tendon-related disorders: results and indications. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 1984-1999.	2.3	151
31	Non-surgical management of early knee osteoarthritis. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 436-449.	2.3	146
32	Scaffold-Based Cartilage Treatments: With or Without Cells? A Systematic Review of Preclinical and Clinical Evidence. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2015, 31, 767-775.	1.3	144
33	Surgical treatment for early osteoarthritis. Part I: cartilage repair procedures. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 450-466.	2.3	125
34	Does Intensive Rehabilitation Permit Early Return to Sport without Compromising the Clinical Outcome after Arthroscopic Autologous Chondrocyte Implantation in Highly Competitive Athletes?. American Journal of Sports Medicine, 2010, 38, 68-77.	1.9	124
35	Arthroscopic Second-Generation Autologous Chondrocyte Implantation. American Journal of Sports Medicine, 2011, 39, 2153-2160.	1.9	124
36	Platelet autologous growth factors decrease the osteochondral regeneration capability of a collagen-hydroxyapatite scaffold in a sheep model. BMC Musculoskeletal Disorders, 2010, 11, 220.	0.8	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. Expert Opinion on Biological Therapy, 2020, 20, 1447-1460.	1.4	118
38	PRP Injections for the Treatment of Knee Osteoarthritis: A Meta-Analysis of Randomized Controlled Trials. Cartilage, 2021, 13, 364S-375S.	1.4	113
39	Platelet-rich plasma: evidence for the treatment of patellar and Achilles tendinopathyâ€"a systematic review. Musculoskeletal Surgery, 2015, 99, 1-9.	0.7	112
40	Non-surgical treatments for the management of early osteoarthritis. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 1775-1785.	2.3	108
41	Treatment of cartilage lesions: What works and why?. Injury, 2013, 44, S11-S15.	0.7	105
42	Stem cells in articular cartilage regeneration. Journal of Orthopaedic Surgery and Research, 2016, 11, 42.	0.9	105
43	Is Platelet-Rich Plasma (PRP) Effective in the Treatment of Acute Muscle Injuries? A Systematic Review and Meta-Analysis. Sports Medicine, 2018, 48, 971-989.	3.1	105
44	Clinical Results and MRI Evolution of a Nano-Composite Multilayered Biomaterial for Osteochondral Regeneration at 5 Years. American Journal of Sports Medicine, 2014, 42, 158-165.	1.9	104
45	Platelet-Rich Plasma for Patellar Tendinopathy: A Randomized Controlled Trial of Leukocyte-Rich PRP or Leukocyte-Poor PRP Versus Saline. American Journal of Sports Medicine, 2019, 47, 1654-1661.	1.9	104
46	Arthroscopic second generation autologous chondrocyte implantation. Knee Surgery, Sports Traumatology, Arthroscopy, 2007, 15, 610-619.	2.3	103
47	Treatment of Knee Osteochondritis Dissecans With a Cell-Free Biomimetic Osteochondral Scaffold. American Journal of Sports Medicine, 2013, 41, 1786-1793.	1.9	101
48	Novel nanostructured scaffold for osteochondral regeneration: pilot study in horses. Journal of Tissue Engineering and Regenerative Medicine, 2010, 4, 300-308.	1.3	100
49	Second-Generation Autologous Chondrocyte Implantation. American Journal of Sports Medicine, 2011, 39, 1668-1676.	1.9	100
50	Tissue Engineering for Total Meniscal Substitution: Animal Study in Sheep Modelâ€"Results at 12 Months. Tissue Engineering - Part A, 2012, 18, 1573-1582.	1.6	99
51	Effect of two different preparations of platelet-rich plasma on synoviocytes. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 2690-2703.	2.3	99
52	Matrix-Assisted Autologous Chondrocyte Transplantation for Cartilage Regeneration in Osteoarthritic Knees. American Journal of Sports Medicine, 2013, 41, 95-100.	1.9	98
53	Surgical treatment for early osteoarthritis. Part II: allografts and concurrent procedures. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 468-486.	2.3	97
54	Adipose-Derived Mesenchymal Stem Cells for the Treatment of Articular Cartilage: A Systematic Review on Preclinical and Clinical Evidence. Stem Cells International, 2015, 2015, 1-13.	1.2	97

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55	Regenerative medicine for the treatment of musculoskeletal overuse injuries in competition horses. International Orthopaedics, 2011, 35, 1569-1576.	0.9	95
56	The MOCART (Magnetic Resonance Observation of Cartilage Repair Tissue) 2.0 Knee Score and Atlas. Cartilage, 2021, 13, 571S-587S.	1.4	95
57	Matrix assisted autologous chondrocyte transplantation for cartilage treatment. Bone and Joint Research, 2013, 2, 18-25.	1.3	94
58	Nonsurgical Treatments of Patellar Tendinopathy: Multiple Injections of Platelet-Rich Plasma Are a Suitable Option: A Systematic Review and Meta-analysis. American Journal of Sports Medicine, 2019, 47, 1001-1018.	1.9	93
59	Bone marrow lesions and subchondral bone pathology of the knee. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 1797-1814.	2.3	91
60	Disease-specific clinical problems associated with the subchondral bone. Knee Surgery, Sports Traumatology, Arthroscopy, 2010, 18, 448-462.	2.3	89
61	ACI and MACI. Journal of Knee Surgery, 2012, 25, 017-022.	0.9	88
62	Novel nano-composite multi-layered biomaterial for the treatment of multifocal degenerative cartilage lesions. Knee Surgery, Sports Traumatology, Arthroscopy, 2009, 17, 1312-1315.	2.3	84
63	Platelet-rich plasma for the treatment of patellar tendinopathy: clinical and imaging findings at medium-term follow-up. International Orthopaedics, 2013, 37, 1583-1589.	0.9	84
64	Platelet-rich plasma for the treatment of bone defects: from pre-clinical rational to evidence in the clinical practice. A systematic review. International Orthopaedics, 2017, 41, 221-237.	0.9	84
65	From osteoarthritic synovium to synovial-derived cells characterization: synovial macrophages are key effector cells. Arthritis Research and Therapy, 2016, 18, 83.	1.6	82
66	Clinical application of bone morphogenetic proteins for bone healing: a systematic review. International Orthopaedics, 2017, 41, 1073-1083.	0.9	77
67	Lights and shadows concerning platelet products for musculoskeletal regeneration. Frontiers in Bioscience - Elite, 2011, E3, 96-107.	0.9	75
68	Treatment of â€œPatellofemoralâ€•Cartilage Lesions With Matrix-Assisted Autologous Chondrocyte Transplantation. American Journal of Sports Medicine, 2014, 42, 626-634.	1.9	75
69	Second-generation arthroscopic autologous chondrocyte implantation for the treatment of degenerative cartilage lesions. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 1704-1713.	2.3	74
70	Second Generation Issues in Cartilage Repair. Sports Medicine and Arthroscopy Review, 2008, 16, 221-229.	1.0	73
71	Arthroscopic second generation autologous chondrocytes implantation associated with bone grafting for the treatment of knee osteochondritis dissecans: Results at 6years. Knee, 2012, 19, 658-663.	0.8	73
72	Platelet-rich plasma injections for the treatment of refractory Achilles tendinopathy: results at 4 years. Blood Transfusion, 2014, 12, 533-40.	0.3	70

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73	Second-generation autologous chondrocyte transplantation: MRI findings and clinical correlations at a minimum 5-year follow-up. European Journal of Radiology, 2011, 79, 382-388.	1.2	69
74	Clinical Profiling in Cartilage Regeneration. American Journal of Sports Medicine, 2014, 42, 898-905.	1.9	69
75	Basic science of osteoarthritis. Journal of Experimental Orthopaedics, 2016, 3, 22.	0.8	69
76	Leukocyte-Rich Platelet-Rich Plasma Injections Do Not Up-Modulate Intra-Articular Pro-Inflammatory Cytokines in the Osteoarthritic Knee. PLoS ONE, 2016, 11, e0156137.	1.1	66
77	The Long-Lasting Effects of â€œPlacebo Injectionsâ€• in Knee Osteoarthritis: A Meta-Analysis. Cartilage, 2021, 13, 185S-196S.	1.4	66
78	Clinical Outcomes of Knee Osteoarthritis Treated With an Autologous Protein Solution Injection: A 1-Year Pilot Double-Blinded Randomized Controlled Trial. American Journal of Sports Medicine, 2018, 46, 171-180.	1.9	65
79	New trends for knee cartilage regeneration: from cell-free scaffolds to mesenchymal stem cells. Current Reviews in Musculoskeletal Medicine, 2012, 5, 236-243.	1.3	64
80	Does Platelet-Rich Plasma Freeze-Thawing Influence Growth Factor Release and Their Effects on Chondrocytes and Synoviocytes?. BioMed Research International, 2014, 2014, 1-10.	0.9	64
81	Platelet-rich plasma affects bacterial growth in vitro. Cytotherapy, 2014, 16, 1294-1304.	0.3	63
82	Clinical results of multilayered biomaterials for osteochondral regeneration. Journal of Experimental Orthopaedics, 2014, 1, 10.	0.8	63
83	Revision anterior cruciate ligament reconstruction: clinical outcome and evidence for return to sport. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 2825-2845.	2.3	63
84	Arthroscopic Collagen Meniscus Implantation for Partial Lateral Meniscal Defects. American Journal of Sports Medicine, 2012, 40, 2281-2288.	1.9	62
85	PRP For the Treatment of Cartilage Pathology. The Open Orthopaedics Journal, 2013, 7, 120-128.	0.1	62
86	PRP Augmentation for ACL Reconstruction. BioMed Research International, 2015, 2015, 1-15.	0.9	62
87	Secretome and Extracellular Vesicles as New Biological Therapies for Knee Osteoarthritis: A Systematic Review. Journal of Clinical Medicine, 2019, 8, 1867.	1.0	62
88	Does PRP enhance bone integration with grafts, graft substitutes, or implants? A systematic review. BMC Musculoskeletal Disorders, 2013, 14, 330.	0.8	60
89	Osteochondral scaffold reconstruction for complex knee lesions: a comparative evaluation. Knee, 2013, 20, 570-576.	0.8	60
90	Osteochondral regeneration with a novel aragonite-hyaluronate biphasic scaffold: up to 12-month follow-up study in a goat model. Journal of Orthopaedic Surgery and Research, 2015, 10, 81.	0.9	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 2Âyears. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 128-134.	2.3	59
92	Meniscal scaffolds: results and indications. A systematic literature review. International Orthopaedics, 2015, 39, 35-46.	0.9	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. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 2704-2715.	2.3	59
94	Preparation method and growth factor content of platelet concentrate influence the osteogenic differentiation of bone marrow stromal cells. Cytotherapy, 2013, 15, 830-839.	0.3	58
95	Sport and early osteoarthritis: the role of sport in aetiology, progression and treatment of knee osteoarthritis. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 1786-1796.	2.3	58
96	Osteochondritis Dissecans of the Knee: Etiology and Pathogenetic Mechanisms. A Systematic Review. Cartilage, 2020, 11, 273-290.	1.4	58
97	Osteochondral regeneration using a novel aragonite-hyaluronate bi-phasic scaffold in a goat model. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 1452-1464.	2.3	57
98	Regenerative therapies increase survivorship of avascular necrosis of theÂfemoral head: a systematic review and meta-analysis. International Orthopaedics, 2018, 42, 1689-1704.	0.9	57
99	Nonoperative Biological Treatment Approach for Partial Achilles Tendon Lesion. Orthopedics, 2010, 33, 120-123.	0.5	57
100	Human Osteoarthritic Cartilage Shows Reduced In Vivo Expression of IL-4, a Chondroprotective Cytokine that Differentially Modulates IL-1Î²-Stimulated Production of Chemokines and Matrix-Degrading Enzymes In Vitro. PLoS ONE, 2014, 9, e96925.	1.1	55
101	Osteochondritis Dissecans of the Knee - Conservative Treatment Strategies: A Systematic Review. Cartilage, 2019, 10, 267-277.	1.4	54
102	Knee Osteochondral Autologous Transplantation: Long-term MR findings and clinical correlations. European Journal of Radiology, 2010, 76, 117-123.	1.2	53
103	How to Treat Osteochondritis Dissecans of the Knee: Surgical Techniques and New Trends. Journal of Bone and Joint Surgery - Series A, 2012, 94, e1.	1.4	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. Journal of Materials Science: Materials in Medicine, 2014, 25, 2437-2444.	1.7	53
105	Long-term Results After Hyaluronan-based MACT for the Treatment of Cartilage Lesions of the Patellofemoral Joint. American Journal of Sports Medicine, 2016, 44, 602-608.	1.9	52
106	Autologous osteochondral transplantation for the treatment of knee lesions: results and limitations at two yearsâ€™ follow-up. International Orthopaedics, 2014, 38, 1905-1912.	0.9	50
107	Biologic agents for anterior cruciate ligament healing: A systematic review. World Journal of Orthopedics, 2016, 7, 592.	0.8	50
108	Unicompartmental osteoarthritis: an integrated biomechanical and biological approach as alternative to metal resurfacing. Knee Surgery, Sports Traumatology, Arthroscopy, 2013, 21, 2509-2517.	2.3	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. American Journal of Sports Medicine, 2017, 45, 1581-1588.	1.9	48
110	Polyurethane Meniscal Scaffold for the Treatment of Partial Meniscal Deficiency: 5-Year Follow-up Outcomes: A European Multicentric Study. American Journal of Sports Medicine, 2020, 48, 1347-1355.	1.9	47
111	Chondral and osteochondral operative treatment in early osteoarthritis. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 1743-1752.	2.3	46
112	Surgical treatment of early knee osteoarthritis with a cell-free osteochondral scaffold: results at 24 months of follow-up. Injury, 2015, 46, S33-S38.	0.7	45
113	Arthroscopic mosaicplasty: Long-term outcome and joint degeneration progression. Knee, 2015, 22, 36-40.	0.8	45
114	A novel aragonite-based scaffold for osteochondral regeneration: early experience on human implants and technical developments. Injury, 2016, 47, S27-S32.	0.7	45
115	The Role of Wnt Pathway in the Pathogenesis of OA and Its Potential Therapeutic Implications in the Field of Regenerative Medicine. BioMed Research International, 2018, 2018, 1-8.	0.9	45
116	Conservative treatment of spontaneous osteonecrosis of the knee in the early stage: Pulsed electromagnetic fields therapy. European Journal of Radiology, 2013, 82, 530-537.	1.2	44
117	Platelet-rich plasma for foot and ankle pathologies: A systematic review. Foot and Ankle Surgery, 2014, 20, 2-9.	0.8	44
118	Fibrin glue improves osteochondral scaffold fixation: study on the human cadaveric knee exposed to continuous passive motion. Osteoarthritis and Cartilage, 2014, 22, 557-565.	0.6	43
119	Patient kinesiophobia affects both recovery time and final outcome after total knee arthroplasty. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 3322-3328.	2.3	41
120	Spermidine rescues the deregulated autophagic response to oxidative stress of osteoarthritic chondrocytes. Free Radical Biology and Medicine, 2020, 153, 159-172.	1.3	40
121	The Role of Three-Dimensional Scaffolds in Treating Long Bone Defects: Evidence from Preclinical and Clinical Literatureâ€"A Systematic Review. BioMed Research International, 2017, 2017, 1-13.	0.9	39
122	Treatment of Knee Osteochondritis Dissecans With a Cell-Free Biomimetic Osteochondral Scaffold: Clinical and Imaging Findings at Midterm Follow-up. American Journal of Sports Medicine, 2018, 46, 314-321.	1.9	39
123	Bone bruise in anterior cruciate ligament rupture entails a more severe joint damage affecting joint degenerative progression. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 44-59.	2.3	39
124	Midshaft Clavicle Fractures: Surgery Provides Better Results as Compared With Nonoperative Treatment: A Meta-analysis. American Journal of Sports Medicine, 2019, 47, 3541-3551.	1.9	39
125	Fabrication and Pilot In Vivo Study of a Collagen-BDDGE-Elastin Core-Shell Scaffold for Tendon Regeneration. Frontiers in Bioengineering and Biotechnology, 2016, 4, 52.	2.0	38
126	Platelet-rich plasma injections induce disease-modifying effects in the treatment of osteoarthritisÂin animal models. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 4100-4121.	2.3	38

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127	Sulforaphane protects human chondrocytes against cell death induced by various stimuli. Journal of Cellular Physiology, 2011, 226, 1771-1779.	2.0	36
128	Bone marrow concentrate injections for the treatment of osteoarthritis: evidence from preclinical findings to the clinical application. International Orthopaedics, 2021, 45, 525-538.	0.9	36
129	Leukocyte-Rich versus Leukocyte-Poor Platelet-Rich Plasma for the Treatment of Knee Osteoarthritis: A Double-Blind Randomized Trial. American Journal of Sports Medicine, 2022, 50, 609-617.	1.9	36
130	Is the clinical outcome after cartilage treatment affected by subchondral bone edema?. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 1337-1344.	2.3	35
131	Unicompartmental knee arthroplasty in patients over 75Âyears: a definitive solution?. Archives of Orthopaedic and Trauma Surgery, 2016, 136, 117-123.	1.3	35
132	Return to Sport Activity After Meniscal Allograft Transplantation: At What Level and at What Cost? A Systematic Review and Meta-analysis. Sports Health, 2019, 11, 123-133.	1.3	35
133	Treatment of unstable knee osteochondritis dissecans in the young adult: results and limitations of surgical strategiesâ€"The advantages of allografts to address an osteochondral challenge. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 1726-1738.	2.3	35
134	Leukocyte presence does not increase microbicidal activity of Platelet-rich Plasma in vitro. BMC Microbiology, 2015, 15, 149.	1.3	34
135	Recurrent patellar dislocations: trochleoplasty improves the results of medial patellofemoral ligament surgery only in severe trochlear dysplasia. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 3599-3613.	2.3	34
136	Evidence on ankle injections for osteochondral lesions and osteoarthritis: a systematic review and meta-analysis. International Orthopaedics, 2021, 45, 509-523.	0.9	34
137	Tibial plateau lesions. Surface reconstruction with a biomimetic osteochondral scaffold: Results at 2 years of follow-up. Injury, 2014, 45, S121-S125.	0.7	33
138	Do cartilage lesions affect the clinical outcome of anterior cruciate ligament reconstruction? A systematic review. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 3061-3075.	2.3	33
139	Novel alginate biphasic scaffold for osteochondral regeneration: an in vivo evaluation in rabbit and sheep models. Journal of Materials Science: Materials in Medicine, 2018, 29, 74.	1.7	33
140	Synovial Fluid Biomarkers in Knee Osteoarthritis: A Systematic Review and Quantitative Evaluation Using BIPEDs Criteria. Cartilage, 2021, 13, 82S-103S.	1.4	33
141	Arthroscopic lateral collagen meniscus implant in a professional soccer player. Knee Surgery, Sports Traumatology, Arthroscopy, 2011, 19, 1740-1743.	2.3	32
142	Meniscal allograft transplantation combined with anterior cruciate ligament reconstruction provides good mid-term clinical outcome. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 1914-1923.	2.3	32
143	Pain Trajectories in Knee Osteoarthritisâ€"A Systematic Review and Best Evidence Synthesis on Pain Predictors. Journal of Clinical Medicine, 2020, 9, 2828.	1.0	32
144	Does Patient Sex Influence Cartilage Surgery Outcome?. American Journal of Sports Medicine, 2013, 41, 1827-1834.	1.9	31

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145	Hamstrings anterior cruciate ligament reconstruction with and without platelet rich fibrin matrix. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 3614-3622.	2.3	31
146	Aetiology and pathogenesis of bone marrow lesions and osteonecrosis of the knee. EFORT Open Reviews, 2016, 1, 219-224.	1.8	31
147	Increased Chondrogenic Potential of Mesenchymal Cells From Adipose Tissue Versus Bone Marrowâ€Derived Cells in Osteoarthritic In Vitro Models. Journal of Cellular Physiology, 2017, 232, 1478-1488.	2.0	31
148	Posterior pelvic ring fractures: Intraoperative 3D-CT guided navigation for accurate positioning of sacro-iliac screws. Orthopaedics and Traumatology: Surgery and Research, 2018, 104, 1063-1067.	0.9	31
149	Regenerative Features of Adipose Tissue for Osteoarthritis Treatment in a Rabbit Model: Enzymatic Digestion Versus Mechanical Disruption. International Journal of Molecular Sciences, 2019, 20, 2636.	1.8	31
150	Long-term Outcomes and Survivorship of Fresh-Frozen Meniscal Allograft Transplant With Soft Tissue Fixation: Minimum 10-Year Follow-up Study. American Journal of Sports Medicine, 2020, 48, 2360-2369.	1.9	31
151	Do preâ€operative knee laxity values influence postâ€operative ones after anterior cruciate ligament reconstruction?. Scandinavian Journal of Medicine and Science in Sports, 2013, 23, e219-24.	1.3	30
152	High Rate of Failure After Matrix-Assisted Autologous Chondrocyte Transplantation in Osteoarthritic Knees at 15 Years of Follow-up. American Journal of Sports Medicine, 2019, 47, 2116-2122.	1.9	30
153	Compliance in post-operative rehabilitation is a key factor for return to sport after revision anterior cruciate ligament reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 463-469.	2.3	30
154	Platelet-rich plasma to treat ankle cartilage pathology - from translational potential to clinical evidence: a systematic review. Journal of Experimental Orthopaedics, 2015, 2, 2.	0.8	29
155	Cartilage failures. Systematic literature review, critical survey analysis, and definition. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 3660-3669.	2.3	29
156	Anterior cruciate ligament injury: post-traumatic bone marrow oedema correlates with long-term prognosis. International Orthopaedics, 2016, 40, 183-190.	0.9	29
157	Anterior Cruciate Ligament Reconstruction Within 3 Weeks Does Not Increase Stiffness and Complications Compared With Delayed Reconstruction: A Meta-analysis of Randomized Controlled Trials. American Journal of Sports Medicine, 2020, 48, 1263-1272.	1.9	29
158	Bone regeneration with mesenchymal stem cells. Clinical Cases in Mineral and Bone Metabolism, 2012, 9, 24-7.	1.0	29
159	Thomas Annandale: the first meniscus repair. Knee Surgery, Sports Traumatology, Arthroscopy, 2013, 21, 1963-1966.	2.3	28
160	Anterior cruciate ligament reconstruction and rehabilitation: predictors of functional outcome. Joints, 2015, 03, 179-185.	1.5	28
161	Risk of falls in patients with knee osteoarthritis undergoing total knee arthroplasty: A systematic review and best evidence synthesis. Journal of Orthopaedics, 2018, 15, 903-908.	0.6	28
162	Platelet rich plasma: a valid augmentation for cartilage scaffolds? A systematic review. Histology and Histopathology, 2014, 29, 805-14.	0.5	28

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