Elizaveta Kon

List of Publications by Year
in descending order

278	18,657	9784	13770
papers	citations	73 h-index	129 g-index

292	292	292	10953
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Repair of Large Bone Defects with the Use of Autologous Bone Marrow Stromal Cells. New England Journal of Medicine, 2001, 344, 385-386.	27.0	1,252
2	Autologous bone marrow stromal cells loaded onto porous hydroxyapatite ceramic accelerate bone repair in critical-size defects of sheep long bones. Journal of Biomedical Materials Research Part B, 2000, 49, 328-337.	3.1	622
3	Stem Cells Associated with Macroporous Bioceramics for Long Bone Repair: 6- to 7-Year Outcome of a Pilot Clinical Study. Tissue Engineering, 2007, 13, 947-955.	4.6	529
4	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.	2.7	476
5	Platelet-rich plasma: intra-articular knee injections produced favorable results on degenerative cartilage lesions. Knee Surgery, Sports Traumatology, Arthroscopy, 2010, 18, 472-479.	4.2	457
6	Arthroscopic Second-Generation Autologous Chondrocyte Implantation Compared with Microfracture for Chondral Lesions of the Knee. American Journal of Sports Medicine, 2009, 37, 33-41.	4.2	400
7	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.	4.2	347
8	The subchondral bone in articular cartilage repair: current problems in the surgical management. Knee Surgery, Sports Traumatology, Arthroscopy, 2010, 18, 434-447.	4.2	320
9	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.	4.2	318
10	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.	1.9	302
11	Platelet-Rich Plasma Intra-articular Knee Injections Show No Superiority Versus Viscosupplementation. American Journal of Sports Medicine, 2015, 43, 1575-1582.	4.2	292
12	Platelet-rich plasma: New clinical application. Injury, 2009, 40, 598-603.	1.7	289
13	Use of platelet-rich plasma for the treatment of refractory jumperâ€™s knee. International Orthopaedics, 2010, 34, 909-915.	1.9	273
14	IOC consensus paper on the use of platelet-rich plasma in sports medicine. British Journal of Sports Medicine, 2010, 44, 1072-1081.	6.7	237
15	Definition and classification of early osteoarthritis of the knee. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 401-406.	4.2	211
16	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.	4.2	206
17	Articular Cartilage Treatment in High-Level Male Soccer Players. American Journal of Sports Medicine, 2011, 39, 2549-2557.	4.2	204
18	Arthroscopic Autologous Osteochondral Grafting for Cartilage Defects of the Knee. American Journal of Sports Medicine, 2007, 35, 2014-2021.	4.2	202

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19	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.	4.2	199
20	Patellofemoral Full-Thickness Chondral Defects Treated With Second-Generation Autologous Chondrocyte Implantation. American Journal of Sports Medicine, 2009, 37, 1083-1092.	4.2	195
21	Novel Nano-composite Multilayered Biomaterial for Osteochondral Regeneration. American Journal of Sports Medicine, 2011, 39, 1180-1190.	4.2	183
22	Early osteoarthritis of the knee. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 1753-1762.	4.2	180
23	Patellofemoral Full-Thickness Chondral Defects Treated with Hyalograft-C. American Journal of Sports Medicine, 2006, 34, 1763-1773.	4.2	177
24	Orderly osteochondral regeneration in a sheep model using a novel nanoâ€composite multilayered biomaterial. Journal of Orthopaedic Research, 2010, 28, 116-124.	2.3	177
25	Platelet-Rich Plasma: The Choice of Activation Method Affects the Release of Bioactive Molecules. BioMed Research International, 2016, 2016, 1-7.	1.9	172
26	Arthroscopic autologous condrocyte transplantation: technical note. Knee Surgery, Sports Traumatology, Arthroscopy, 2002, 10, 154-159.	4.2	170
27	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.	4.2	166
28	Matrix-Assisted Autologous Chondrocyte Transplantation for the Repair of Cartilage Defects of the Knee. American Journal of Sports Medicine, 2009, 37, 156-166.	4.2	164
29	Comparison of Platelet-Rich Plasma Formulations for Cartilage Healing. Journal of Bone and Joint Surgery - Series A, 2014, 96, 423-429.	3.0	163
30	Platelet-rich plasma (PRP) to treat sports injuries: evidence to support its use. Knee Surgery, Sports Traumatology, Arthroscopy, 2011, 19, 516-527.	4.2	160
31	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.	1.7	157
32	Scaffold-Based Repair for Cartilage Healing: A Systematic Review and Technical Note. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2013, 29, 174-186.	2.7	153
33	Platelet-rich plasma in tendon-related disorders: results and indications. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 1984-1999.	4.2	151
34	Non-surgical management of early knee osteoarthritis. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 436-449.	4.2	146
35	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.	2.7	144
36	A tissue engineering approach to meniscus regeneration in a sheep model. Osteoarthritis and Cartilage, 2006, 14, 1056-1065.	1.3	143

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37	Arthroscopic collagen meniscus implant results at 6 to 8Âyears follow up. Knee Surgery, Sports Traumatology, Arthroscopy, 2007, 15, 175-183.	4.2	135
38	Surgical treatment for early osteoarthritis. Part I: cartilage repair procedures. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 450-466.	4.2	125
39	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.	4.2	124
40	Arthroscopic Second-Generation Autologous Chondrocyte Implantation. American Journal of Sports Medicine, 2011, 39, 2153-2160.	4.2	124
41	Platelet autologous growth factors decrease the osteochondral regeneration capability of a collagen-hydroxyapatite scaffold in a sheep model. BMC Musculoskeletal Disorders, 2010, 11, 220.	1.9	120
42	Osteochondral tissue engineering approaches for articular cartilage and subchondral bone regeneration. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 1182-1191.	4.2	120
43	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.	3.1	118
44	Reconstruction of Extensive Long-Bone Defects in Sheep Using Porous Hydroxyapatite Sponges. Calcified Tissue International, 1999, 64, 83-90.	3.1	117
45	Multiple osteochondral arthroscopic grafting (mosaicplasty) for cartilage defects of the knee: Prospective study results at 2-year follow-up. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2005, 21, 462-470.	2.7	117
46	Platelet-rich plasma: evidence for the treatment of patellar and Achilles tendinopathyâ€”a systematic review. Musculoskeletal Surgery, 2015, 99, 1-9.	1.5	112
47	Tissue Engineering for Total Meniscal Substitution: Animal Study in Sheep Model. Tissue Engineering - Part A, 2008, 14, 1067-1080.	3.1	108
48	Non-surgical treatments for the management of early osteoarthritis. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 1775-1785.	4.2	108
49	Treatment of cartilage lesions: What works and why?. Injury, 2013, 44, S11-S15.	1.7	105
50	Stem cells in articular cartilage regeneration. Journal of Orthopaedic Surgery and Research, 2016, 11, 42.	2.3	105
51	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.	4.2	104
52	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.	4.2	104
53	Arthroscopic second generation autologous chondrocyte implantation. Knee Surgery, Sports Traumatology, Arthroscopy, 2007, 15, 610-619.	4.2	103
54	Treatment of Knee Osteochondritis Dissecans With a Cell-Free Biomimetic Osteochondral Scaffold. American Journal of Sports Medicine, 2013, 41, 1786-1793.	4.2	101

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55	Novel nanostructured scaffold for osteochondral regeneration: pilot study in horses. Journal of Tissue Engineering and Regenerative Medicine, 2010, 4, 300-308.	2.7	100
56	Second-Generation Autologous Chondrocyte Implantation. American Journal of Sports Medicine, 2011, 39, 1668-1676.	4.2	100
57	Tissue Engineering for Total Meniscal Substitution: Animal Study in Sheep Modelâ€"Results at 12 Months. Tissue Engineering - Part A, 2012, 18, 1573-1582.	3.1	99
58	Effect of two different preparations of platelet-rich plasma on synoviocytes. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 2690-2703.	4.2	99
59	Matrix-Assisted Autologous Chondrocyte Transplantation for Cartilage Regeneration in Osteoarthritic Knees. American Journal of Sports Medicine, 2013, 41, 95-100.	4.2	98
60	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.	2.5	97
61	Regenerative medicine for the treatment of musculoskeletal overuse injuries in competition horses. International Orthopaedics, 2011, 35, 1569-1576.	1.9	95
62	International Meniscus Reconstruction Experts Forum (IMREF) 2015 Consensus Statement on the Practice of Meniscal Allograft Transplantation. American Journal of Sports Medicine, 2017, 45, 1195-1205.	4.2	95
63	Matrix assisted autologous chondrocyte transplantation for cartilage treatment. Bone and Joint Research, 2013, 2, 18-25.	3.6	94
64	Bone marrow lesions and subchondral bone pathology of the knee. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 1797-1814.	4.2	91
65	Differential cartilaginous tissue formation by human synovial membrane, fat pad, meniscus cells and articular chondrocytes. Osteoarthritis and Cartilage, 2007, 15, 48-58.	1.3	89
66	Disease-specific clinical problems associated with the subchondral bone. Knee Surgery, Sports Traumatology, Arthroscopy, 2010, 18, 448-462.	4.2	89
67	ACI and MACI. Journal of Knee Surgery, 2012, 25, 017-022.	1.6	88
68	Novel nano-composite multi-layered biomaterial for the treatment of multifocal degenerative cartilage lesions. Knee Surgery, Sports Traumatology, Arthroscopy, 2009, 17, 1312-1315.	4.2	84
69	Platelet-rich plasma for the treatment of patellar tendinopathy: clinical and imaging findings at medium-term follow-up. International Orthopaedics, 2013, 37, 1583-1589.	1.9	84
70	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.	1.9	84
71	Clinical application of bone morphogenetic proteins for bone healing: a systematic review. International Orthopaedics, 2017, 41, 1073-1083.	1.9	77
72	Lights and shadows concerning platelet products for musculoskeletal regeneration. Frontiers in Bioscience - Elite, 2011, E3, 96-107.	1.8	75

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73	Treatment of â€œPatellofemoralâ€•Cartilage Lesions With Matrix-Assisted Autologous Chondrocyte Transplantation. American Journal of Sports Medicine, 2014, 42, 626-634.	4.2	75
74	Second-generation arthroscopic autologous chondrocyte implantation for the treatment of degenerative cartilage lesions. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 1704-1713.	4.2	74
75	Second Generation Issues in Cartilage Repair. Sports Medicine and Arthroscopy Review, 2008, 16, 221-229.	2.3	73
76	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.	1.6	73
77	Use of Autologous Grafts for Reconstruction of Osteochondral Defects of the Knee. Orthopedics, 1999, 22, 595-600.	1.1	71
78	Platelet-rich plasma injections for the treatment of refractory Achilles tendinopathy: results at 4 years. Blood Transfusion, 2014, 12, 533-40.	0.4	70
79	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.	2.6	69
80	Clinical Profiling in Cartilage Regeneration. American Journal of Sports Medicine, 2014, 42, 898-905.	4.2	69
81	Leukocyte-Rich Platelet-Rich Plasma Injections Do Not Up-Modulate Intra-Articular Pro-Inflammatory Cytokines in the Osteoarthritic Knee. PLoS ONE, 2016, 11, e0156137.	2.5	66
82	Regenerative approaches for the treatment of early OA. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 1826-1835.	4.2	66
83	Minimally Manipulated Mesenchymal Stem Cells for the Treatment of Knee Osteoarthritis: A Systematic Review of Clinical Evidence. Stem Cells International, 2019, 2019, 1-14.	2.5	66
84	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.	4.2	65
85	New trends for knee cartilage regeneration: from cell-free scaffolds to mesenchymal stem cells. Current Reviews in Musculoskeletal Medicine, 2012, 5, 236-243.	3.5	64
86	Does Platelet-Rich Plasma Freeze-Thawing Influence Growth Factor Release and Their Effects on Chondrocytes and Synoviocytes?. BioMed Research International, 2014, 2014, 1-10.	1.9	64
87	Platelet-rich plasma affects bacterial growth in vitro. Cytotherapy, 2014, 16, 1294-1304.	0.7	63
88	Clinical results of multilayered biomaterials for osteochondral regeneration. Journal of Experimental Orthopaedics, 2014, 1, 10.	1.8	63
89	Revision anterior cruciate ligament reconstruction: clinical outcome and evidence for return to sport. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 2825-2845.	4.2	63
90	Arthroscopic Collagen Meniscus Implantation for Partial Lateral Meniscal Defects. American Journal of Sports Medicine, 2012, 40, 2281-2288.	4.2	62

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91	PRP For the Treatment of Cartilage Pathology. The Open Orthopaedics Journal, 2013, 7, 120-128.	0.2	62
92	PRP Augmentation for ACL Reconstruction. BioMed Research International, 2015, 2015, 1-15.	1.9	62
93	Does PRP enhance bone integration with grafts, graft substitutes, or implants? A systematic review. BMC Musculoskeletal Disorders, 2013, 14, 330.	1.9	60
94	Osteochondral scaffold reconstruction for complex knee lesions: a comparative evaluation. Knee, 2013, 20, 570-576.	1.6	60
95	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.	2.3	60
96	3D Patterning of cells in Magnetic Scaffolds for Tissue Engineering. Scientific Reports, 2020, 10, 2289.	3.3	60
97	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.	4.2	59
98	Meniscal scaffolds: results and indications. A systematic literature review. International Orthopaedics, 2015, 39, 35-46.	1.9	59
99	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.	4.2	59
100	Preparation method and growth factor content of platelet concentrate influence the osteogenic differentiation of bone marrow stromal cells. Cytotherapy, 2013, 15, 830-839.	0.7	58
101	Osteochondral regeneration using a novel aragonite-hyaluronate bi-phasic scaffold in a goat model. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 1452-1464.	4.2	57
102	Regenerative therapies increase survivorship of avascular necrosis of theÂfemoral head: a systematic review and meta-analysis. International Orthopaedics, 2018, 42, 1689-1704.	1.9	57
103	Nonoperative Biological Treatment Approach for Partial Achilles Tendon Lesion. Orthopedics, 2010, 33, 120-123.	1.1	57
104	Investigation of different cross-linking approaches on 3D gelatin scaffolds for tissue engineering application: A comparative analysis. International Journal of Biological Macromolecules, 2017, 95, 1199-1209.	7.5	56
105	Knee Osteochondral Autologous Transplantation: Long-term MR findings and clinical correlations. European Journal of Radiology, 2010, 76, 117-123.	2.6	53
106	How to Treat Osteochondritis Dissecans of the Knee: Surgical Techniques and New Trends. Journal of Bone and Joint Surgery - Series A, 2012, 94, e1.	3.0	53
107	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.	3.6	53
108	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.	4.2	52

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109	Ribose mediated crosslinking of collagen-hydroxyapatite hybrid scaffolds for bone tissue regeneration using biomimetic strategies. Materials Science and Engineering C, 2017, 77, 594-605.	7.3	51
110	Guidelines for the Design and Conduct of Clinical Studies in Knee Articular Cartilage Repair. Cartilage, 2011, 2, 100-121.	2.7	50
111	Autologous osteochondral transplantation for the treatment of knee lesions: results and limitations at two yearsâ€™ follow-up. International Orthopaedics, 2014, 38, 1905-1912.	1.9	50
112	Hyaluronan-based scaffolds (Hyalograft C) in the treatment of knee cartilage defects: preliminary clinical findings. Novartis Foundation Symposium, 2003, 249, 203-17; discussion 229-33, 234-8, 239-41.	1.1	50
113	Unicompartmental osteoarthritis: an integrated biomechanical and biological approach as alternative to metal resurfacing. Knee Surgery, Sports Traumatology, Arthroscopy, 2013, 21, 2509-2517.	4.2	49
114	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.	4.2	48
115	Evaluation of different crosslinking agents on hybrid biomimetic collagen-hydroxyapatite composites for regenerative medicine. International Journal of Biological Macromolecules, 2018, 106, 739-748.	7.5	48
116	Use of autologous grafts for reconstruction of osteochondral defects of the knee. Orthopedics, 1999, 22, 595-600.	1.1	48
117	Chondral and osteochondral operative treatment in early osteoarthritis. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 1743-1752.	4.2	46
118	Surgical treatment of early knee osteoarthritis with a cell-free osteochondral scaffold: results at 24 months of follow-up. Injury, 2015, 46, S33-S38.	1.7	45
119	Arthroscopic mosaicplasty: Long-term outcome and joint degeneration progression. Knee, 2015, 22, 36-40.	1.6	45
120	A novel aragonite-based scaffold for osteochondral regeneration: early experience on human implants and technical developments. Injury, 2016, 47, S27-S32.	1.7	45
121	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.	1.9	45
122	Osteogenic differentiation of human bone marrow-derived mesenchymal stem cells is enhanced by an aragonite scaffold. Differentiation, 2019, 107, 24-34.	1.9	45
123	Oxygenâ€“Ozone Therapy for the Treatment of Knee Osteoarthritis: A Systematic Review of Randomized Controlled Trials. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2020, 36, 277-286.	2.7	45
124	Platelet-rich plasma for foot and ankle pathologies: A systematic review. Foot and Ankle Surgery, 2014, 20, 2-9.	1.7	44
125	Kinesiophobia and depression affect total knee arthroplasty outcome in a multivariate analysis of psychological and physical factors on 200 patients. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 3417-3423.	4.2	44
126	Fibrin glue improves osteochondral scaffold fixation: study on the human cadaveric knee exposed to continuous passive motion. Osteoarthritis and Cartilage, 2014, 22, 557-565.	1.3	43

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127	Polyurethane-based cell-free scaffold for the treatment of painful partial meniscus loss. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 459-467.	4.2	42
128	Allograft tendons are a safe and effective option for revision ACL reconstruction: a clinical review. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 1771-1781.	4.2	41
129	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.	1.9	39
130	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.	4.2	39
131	Leukocyte-poor PRP application for the treatment of knee osteoarthritis. Joints, 2013, 01, 112-120.	1.5	39
132	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.	4.1	38
133	Is the clinical outcome after cartilage treatment affected by subchondral bone edema?. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 1337-1344.	4.2	35
134	Leukocyte presence does not increase microbicidal activity of Platelet-rich Plasma in vitro. BMC Microbiology, 2015, 15, 149.	3.3	34
135	Tibial plateau lesions. Surface reconstruction with a biomimetic osteochondral scaffold: Results at 2 years of follow-up. Injury, 2014, 45, S121-S125.	1.7	33
136	Do cartilage lesions affect the clinical outcome of anterior cruciate ligament reconstruction? A systematic review. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 3061-3075.	4.2	33
137	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.	3.6	33
138	Does Patient Sex Influence Cartilage Surgery Outcome?. American Journal of Sports Medicine, 2013, 41, 1827-1834.	4.2	31
139	Aetiology and pathogenesis of bone marrow lesions and osteonecrosis of the knee. EFORT Open Reviews, 2016, 1, 219-224.	4.1	31
140	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.	4.1	31
141	Cartilage failures. Systematic literature review, critical survey analysis, and definition. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 3660-3669.	4.2	29
142	Anterior cruciate ligament injury: post-traumatic bone marrow oedema correlates with long-term prognosis. International Orthopaedics, 2016, 40, 183-190.	1.9	29
143	Bone regeneration with mesenchymal stem cells. Clinical Cases in Mineral and Bone Metabolism, 2012, 9, 24-7.	1.0	29
144	Platelet rich plasma: a valid augmentation for cartilage scaffolds? A systematic review. Histology and Histopathology, 2014, 29, 805-14.	0.7	28

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145	Scaffolds for Knee Chondral and Osteochondral Defects: Indications for Different Clinical Scenarios. A Consensus Statement. Cartilage, 2021, 13, 1036S-1046S.	2.7	27
146	Chronic Posttraumatic Cartilage Lesion of the Knee Treated With an Acellular Osteochondral-Regenerating Implant: Case History With Rehabilitation Guidelines. Journal of Sport Rehabilitation, 2014, 23, 270-275.	1.0	26
147	Short-Term Homing of Hyaluronan-Primed Cells: Therapeutic Implications for Osteoarthritis Treatment. Tissue Engineering - Part C: Methods, 2018, 24, 121-133.	2.1	26
148	Autologous Protein Solution Injections for the Treatment of Knee Osteoarthritis: 3-Year Results. American Journal of Sports Medicine, 2020, 48, 2703-2710.	4.2	26
149	Reviews, reviewers and reviewing. International Orthopaedics, 2017, 41, 1-2.	1.9	25
150	3D porous collagen scaffolds reinforced by glycation with ribose for tissue engineering application. Biomedical Materials (Bristol), 2017, 12, 055002.	3.3	25
151	Age Is Not a Contraindication for Cartilage Surgery: A Critical Analysis of Standardized Outcomes at Long-term Follow-up. American Journal of Sports Medicine, 2017, 45, 1822-1828.	4.2	24
152	Failure of Autologous Chondrocyte Implantation. Sports Medicine and Arthroscopy Review, 2017, 25, 10-18.	2.3	24
153	Intraosseous injections of platelet rich plasma for knee bone marrow lesions treatment: one year follow-up. International Orthopaedics, 2021, 45, 355-363.	1.9	24
154	Meniscal Scaffolds - Preclinical Evidence to Support their Use: A Systematic Review. The Open Orthopaedics Journal, 2015, 9, 143-156.	0.2	24
155	Scaffolds for cartilage repair of the ankle joint: The impact on surgical practice. Foot and Ankle Surgery, 2013, 19, 2-8.	1.7	23
156	New Bio-ceramization process applied to vegetable hierarchical structures for bone regeneration: an experimental model in sheep.. Tissue Engineering - Part A, 2014, 20, 131007215556003.	3.1	23
157	Agili-C implant promotes the regenerative capacity of articular cartilage defects in an ex vivo model. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 1953-1964.	4.2	23
158	Subchondral and intra-articular injections of bone marrow concentrate are a safe and effective treatment for knee osteoarthritis: a prospective, multi-center pilot study. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 4232-4240.	4.2	22
159	Leukocyte-poor PRP application for the treatment of knee osteoarthritis. Joints, 2013, 1, 112-20.	1.5	22
160	PRP: more words than factsâ€¦. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 1655-1656.	4.2	20
161	Drug Delivery Systems for the Treatment of Knee Osteoarthritis: A Systematic Review of In Vivo Studies. International Journal of Molecular Sciences, 2021, 22, 9137.	4.1	20
162	Micro-fragmentation is a valid alternative to cell expansion and enzymatic digestion of adipose tissue for the treatment of knee osteoarthritis: a comparative preclinical study. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 773-781.	4.2	20

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163	Midterm Results of a Combined Biological and Mechanical Approach for the Treatment of a Complex Knee Lesion. Cartilage, 2012, 3, 288-292.	2.7	19
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165	Knee Intraosseous Injections: A Systematic Review of Clinical Evidence of Different Treatment Alternatives. Cartilage, 2021, 13, 1165S-1177S.	2.7	19
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