Maurilio Marcacci

List of Publications by Year
in descending order

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70 papers	9,795 citations	41323 49 h-index	118793 62 g-index
70 all docs	70 docs citations	70 times ranked	6377 citing authors

#	Article	IF	Citations
1	Biological Treatment in Cartilage Injuries. , 2019, , 599-614.		0
2	Letter to the editor concerning the article: â€œIntra-articular injection of autologous adipose-derived stromal vascular fractions for knee osteoarthritis: a double-blind randomized self-controlled trialâ€• (Hong et al. International Orthopaedics doi: 10.1007/s00264-018-4099-0). International Orthopaedics, 2019, 43, 751-752.	0.9	3
3	Platelet-rich plasma in tendon-related disorders: results and indications. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 1984-1999.	2.3	151
4	The Role of Platelet-Rich Plasma in Cartilage Repair. , 2017, , 127-138.		0
5	Failure of Autologous Chondrocyte Implantation. Sports Medicine and Arthroscopy Review, 2017, 25, 10-18.	1.0	24
6	Platelet-Rich Plasma: The Choice of Activation Method Affects the Release of Bioactive Molecules. BioMed Research International, 2016, 2016, 1-7.	0.9	172
7	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
8	Early Viscosupplementation After Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2016, 44, 2572-2578.	1.9	16
9	No Effects of Early Viscosupplementation After Arthroscopic Partial Meniscectomy. American Journal of Sports Medicine, 2016, 44, 3119-3125.	1.9	17
10	Platelet Rich Plasma in Articular Cartilage Lesions. , 2016, , 107-122.		0
11	Use of Scaffolds in Sports Medicine. , 2016, , 445-450.		0
12	Knee Arthritis in Athletes. , 2016, , 381-386.		0
13	Arthroscopic mosaicplasty: Long-term outcome and joint degeneration progression. Knee, 2015, 22, 36-40.	0.8	45
14	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
15	Platelet-Rich Plasma Intra-articular Knee Injections Show No Superiority Versus Viscosupplementation. American Journal of Sports Medicine, 2015, 43, 1575-1582.	1.9	292
16	Cartilage failures. Systematic literature review, critical survey analysis, and definition. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 3660-3669.	2.3	29
17	Effect of two different preparations of platelet-rich plasma on synoviocytes. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 2690-2703.	2.3	99
18	New Bio-ceramization process applied to vegetable hierarchical structures for bone regeneration: an experimental model in sheep.. Tissue Engineering - Part A, 2014, 20, 131007215556003.	1.6	23

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19	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
20	Treatment of â€œPatellofemoralâ€•Cartilage Lesions With Matrix-Assisted Autologous Chondrocyte Transplantation. American Journal of Sports Medicine, 2014, 42, 626-634.	1.9	75
21	Biomaterials for Osteochondral Reconstruction. , 2014, , 99-108.		0
22	Platelet-rich plasma affects bacterial growth in vitro. Cytotherapy, 2014, 16, 1294-1304.	0.3	63
23	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
24	Comparison of Platelet-Rich Plasma Formulations for Cartilage Healing. Journal of Bone and Joint Surgery - Series A, 2014, 96, 423-429.	1.4	163
25	Platelet-rich plasma injections for the treatment of refractory Achilles tendinopathy: results at 4 years. Blood Transfusion, 2014, 12, 533-40.	0.3	70
26	Single-plug Autologous Osteochondral Transplantation: Results at Minimum 16 Yearsâ€™ Follow-up. Orthopedics, 2014, 37, e761-7.	0.5	18
27	Management of the Athleteâ€™s Knee. , 2014, , 3349-3369.		0
28	Head, Low-Back and Muscle Injuries in Athletes: PRP and Stem Cells in Sports-Related Diseases. , 2014, , 273-311.		0
29	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
30	Treatment of Knee Osteochondritis Dissecans With a Cell-Free Biomimetic Osteochondral Scaffold. American Journal of Sports Medicine, 2013, 41, 1786-1793.	1.9	101
31	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
32	Does PRP enhance bone integration with grafts, graft substitutes, or implants? A systematic review. BMC Musculoskeletal Disorders, 2013, 14, 330.	0.8	60
33	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
34	Matrix-Assisted Autologous Chondrocyte Transplantation for Cartilage Regeneration in Osteoarthritic Knees. American Journal of Sports Medicine, 2013, 41, 95-100.	1.9	98
35	Treatment of cartilage lesions: What works and why?. Injury, 2013, 44, S11-S15.	0.7	105
36	PRP For the Treatment of Cartilage Pathology. The Open Orthopaedics Journal, 2013, 7, 120-128.	0.1	62

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37	Leukocyte-poor PRP application for the treatment of knee osteoarthritis. Joints, 2013, 1, 112-20.	1.5	22
38	ACI and MACI. Journal of Knee Surgery, 2012, 25, 017-022.	0.9	88
39	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
40	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
41	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
42	Platelet-Rich Plasma in Sports Medicine: New Treatment for Tendon and Cartilage Lesions. Operative Techniques in Orthopaedics, 2012, 22, 78-85.	0.2	5
43	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
44	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
45	Bone regeneration with mesenchymal stem cells. Clinical Cases in Mineral and Bone Metabolism, 2012, 9, 24-7.	1.0	29
46	Articular Cartilage Treatment in High-Level Male Soccer Players. American Journal of Sports Medicine, 2011, 39, 2549-2557.	1.9	204
47	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
48	Arthroscopic Second-Generation Autologous Chondrocyte Implantation. American Journal of Sports Medicine, 2011, 39, 2153-2160.	1.9	124
49	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
50	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
51	Second-Generation Autologous Chondrocyte Implantation. American Journal of Sports Medicine, 2011, 39, 1668-1676.	1.9	100
52	Novel Nano-composite Multilayered Biomaterial for Osteochondral Regeneration. American Journal of Sports Medicine, 2011, 39, 1180-1190.	1.9	183
53	Use of platelet-rich plasma for the treatment of refractory jumperâ€™s knee. International Orthopaedics, 2010, 34, 909-915.	0.9	273
54	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

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55	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
56	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
57	Knee Osteochondral Autologous Transplantation: Long-term MR findings and clinical correlations. European Journal of Radiology, 2010, 76, 117-123.	1.2	53
58	Nonoperative Biological Treatment Approach for Partial Achilles Tendon Lesion. Orthopedics, 2010, 33, 120-123.	0.5	57
59	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
60	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
61	Platelet-rich plasma: New clinical application. Injury, 2009, 40, 598-603.	0.7	289
62	Arthroscopic Autologous Osteochondral Grafting for Cartilage Defects of the Knee. American Journal of Sports Medicine, 2007, 35, 2014-2021.	1.9	202
63	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.	4.9	529
64	Arthroscopic second generation autologous chondrocyte implantation. Knee Surgery, Sports Traumatology, Arthroscopy, 2007, 15, 610-619.	2.3	103
65	Autologous Chondrocytes in a Hyaluronic Acid Scaffold. Operative Techniques in Orthopaedics, 2006, 16, 266-270.	0.2	10
66	Patellofemoral Full-Thickness Chondral Defects Treated with Hyalograft-C. American Journal of Sports Medicine, 2006, 34, 1763-1773.	1.9	177
67	Articular Cartilage Engineering with Hyalograft?? C. Clinical Orthopaedics and Related Research, 2005, &NA;, 96-105.	0.7	402
68	Comparative Evaluation of Autologous Chondrocyte Implantation and Mosaicplasty. Clinical Journal of Sport Medicine, 2005, 15, 220-226.	0.9	192
69	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.	1.3	117
70	Repair of Large Bone Defects with the Use of Autologous Bone Marrow Stromal Cells. New England Journal of Medicine, 2001, 344, 385-386.	13.9	1,252