Maurilio Marcacci

List of Publications by Year
in descending order

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Version: 2024-02-01

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	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
2	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
3	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
4	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
5	Articular Cartilage Engineering with Hyalograft?? C. Clinical Orthopaedics and Related Research, 2005, &NA;, 96-105.	0.7	402
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.	1.9	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.	2.3	347
8	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
9	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
10	Platelet-Rich Plasma Intra-articular Knee Injections Show No Superiority Versus Viscosupplementation. American Journal of Sports Medicine, 2015, 43, 1575-1582.	1.9	292
11	Platelet-rich plasma: New clinical application. Injury, 2009, 40, 598-603.	0.7	289
12	Use of platelet-rich plasma for the treatment of refractory jumperâ€™s knee. International Orthopaedics, 2010, 34, 909-915.	0.9	273
13	Articular Cartilage Treatment in High-Level Male Soccer Players. American Journal of Sports Medicine, 2011, 39, 2549-2557.	1.9	204
14	Arthroscopic Autologous Osteochondral Grafting for Cartilage Defects of the Knee. American Journal of Sports Medicine, 2007, 35, 2014-2021.	1.9	202
15	Comparative Evaluation of Autologous Chondrocyte Implantation and Mosaicplasty. Clinical Journal of Sport Medicine, 2005, 15, 220-226.	0.9	192
16	Novel Nano-composite Multilayered Biomaterial for Osteochondral Regeneration. American Journal of Sports Medicine, 2011, 39, 1180-1190.	1.9	183
17	Patellofemoral Full-Thickness Chondral Defects Treated with Hyalograft-C. American Journal of Sports Medicine, 2006, 34, 1763-1773.	1.9	177
18	Platelet-Rich Plasma: The Choice of Activation Method Affects the Release of Bioactive Molecules. BioMed Research International, 2016, 2016, 1-7.	0.9	172

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19	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
20	Comparison of Platelet-Rich Plasma Formulations for Cartilage Healing. Journal of Bone and Joint Surgery - Series A, 2014, 96, 423-429.	1.4	163
21	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
22	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
23	Platelet-rich plasma in tendon-related disorders: results and indications. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 1984-1999.	2.3	151
24	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
25	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
26	Arthroscopic Second-Generation Autologous Chondrocyte Implantation. American Journal of Sports Medicine, 2011, 39, 2153-2160.	1.9	124
27	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
28	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
29	Treatment of cartilage lesions: What works and why?. Injury, 2013, 44, S11-S15.	0.7	105
30	Arthroscopic second generation autologous chondrocyte implantation. Knee Surgery, Sports Traumatology, Arthroscopy, 2007, 15, 610-619.	2.3	103
31	Treatment of Knee Osteochondritis Dissecans With a Cell-Free Biomimetic Osteochondral Scaffold. American Journal of Sports Medicine, 2013, 41, 1786-1793.	1.9	101
32	Second-Generation Autologous Chondrocyte Implantation. American Journal of Sports Medicine, 2011, 39, 1668-1676.	1.9	100
33	Effect of two different preparations of platelet-rich plasma on synoviocytes. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 2690-2703.	2.3	99
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	ACI and MACI. Journal of Knee Surgery, 2012, 25, 017-022.	0.9	88
36	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

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37	Treatment of â€œPatellofemoralâ€•Cartilage Lesions With Matrix-Assisted Autologous Chondrocyte Transplantation. American Journal of Sports Medicine, 2014, 42, 626-634.	1.9	75
38	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
39	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
40	Platelet-rich plasma injections for the treatment of refractory Achilles tendinopathy: results at 4 years. Blood Transfusion, 2014, 12, 533-40.	0.3	70
41	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
42	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
43	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
44	Platelet-rich plasma affects bacterial growth in vitro. Cytotherapy, 2014, 16, 1294-1304.	0.3	63
45	PRP For the Treatment of Cartilage Pathology. The Open Orthopaedics Journal, 2013, 7, 120-128.	0.1	62
46	Does PRP enhance bone integration with grafts, graft substitutes, or implants? A systematic review. BMC Musculoskeletal Disorders, 2013, 14, 330.	0.8	60
47	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
48	Nonoperative Biological Treatment Approach for Partial Achilles Tendon Lesion. Orthopedics, 2010, 33, 120-123.	0.5	57
49	Knee Osteochondral Autologous Transplantation: Long-term MR findings and clinical correlations. European Journal of Radiology, 2010, 76, 117-123.	1.2	53
50	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
51	Arthroscopic mosaicplasty: Long-term outcome and joint degeneration progression. Knee, 2015, 22, 36-40.	0.8	45
52	Cartilage failures. Systematic literature review, critical survey analysis, and definition. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 3660-3669.	2.3	29
53	Bone regeneration with mesenchymal stem cells. Clinical Cases in Mineral and Bone Metabolism, 2012, 9, 24-7.	1.0	29
54	Failure of Autologous Chondrocyte Implantation. Sports Medicine and Arthroscopy Review, 2017, 25, 10-18.	1.0	24

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55	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
56	Leukocyte-poor PRP application for the treatment of knee osteoarthritis. Joints, 2013, 1, 112-20.	1.5	22
57	Single-plug Autologous Osteochondral Transplantation: Results at Minimum 16 Yearsâ€™ Follow-up. Orthopedics, 2014, 37, e761-7.	0.5	18
58	No Effects of Early Viscosupplementation After Arthroscopic Partial Meniscectomy. American Journal of Sports Medicine, 2016, 44, 3119-3125.	1.9	17
59	Early Viscosupplementation After Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2016, 44, 2572-2578.	1.9	16
60	Autologous Chondrocytes in a Hyaluronic Acid Scaffold. Operative Techniques in Orthopaedics, 2006, 16, 266-270.	0.2	10
61	Platelet-Rich Plasma in Sports Medicine: New Treatment for Tendon and Cartilage Lesions. Operative Techniques in Orthopaedics, 2012, 22, 78-85.	0.2	5
62	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
63	Biomaterials for Osteochondral Reconstruction. , 2014, , 99-108.		0
64	Platelet Rich Plasma in Articular Cartilage Lesions. , 2016, , 107-122.		0
65	The Role of Platelet-Rich Plasma in Cartilage Repair. , 2017, , 127-138.		0
66	Biological Treatment in Cartilage Injuries. , 2019, , 599-614.		0
67	Management of the Athleteâ€™s Knee. , 2014, , 3349-3369.		0
68	Head, Low-Back and Muscle Injuries in Athletes: PRP and Stem Cells in Sports-Related Diseases. , 2014, , 273-311.		0
69	Use of Scaffolds in Sports Medicine. , 2016, , 445-450.		0
70	Knee Arthritis in Athletes. , 2016, , 381-386.		0