

Antonio Merolli

List of Publications by Citations

Source: <https://exaly.com/author-pdf/336959/antonio-merolli-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

431
citations

13
h-index

19
g-index

45
ext. papers

475
ext. citations

3.4
avg, IF

3.43
L-index

#	Paper	IF	Citations
43	Role of phosphatidyl-serine in bone repair and its technological exploitation. <i>Molecules</i> , 2009 , 14, 5367-81	4.18	41
42	Evaluation of different preparations of plasma-spray hydroxyapatite coating on titanium alloy and duplex stainless steel in the rabbit. <i>Journal of Materials Science: Materials in Medicine</i> , 1994 , 5, 345-349	4.5	38
41	A degradable soybean-based biomaterial used effectively as a bone filler in vivo in a rabbit. <i>Biomedical Materials (Bristol)</i> , 2010 , 5, 15008	3.5	33
40	Directing neural stem cell fate with biomaterial parameters for injured brain regeneration. <i>Progress in Natural Science: Materials International</i> , 2013 , 23, 103-112	3.6	30
39	Comparison in in-vivo response between a bioactive glass and a non-bioactive glass. <i>Journal of Materials Science: Materials in Medicine</i> , 2000 , 11, 219-22	4.5	30
38	Response to polyetherimide based composite materials implanted in muscle and in bone. <i>Journal of Materials Science: Materials in Medicine</i> , 1999 , 10, 265-8	4.5	26
37	Fibrin glue as a stabilization strategy in peripheral nerve repair when using porous nerve guidance conduits. <i>Journal of Materials Science: Materials in Medicine</i> , 2017 , 28, 79	4.5	24
36	In vivo regeneration of rat sciatic nerve in a double-halved stitch-less guide: a pilot-study. <i>Microsurgery</i> , 2009 , 29, 310-8	2.1	20
35	In vivo assessment of the osteointegrative potential of phosphatidylserine-based coatings. <i>Journal of Materials Science: Materials in Medicine</i> , 2006 , 17, 789-94	4.5	19
34	A more detailed mechanism to explain the "bands of Fontana" in peripheral nerves. <i>Muscle and Nerve</i> , 2012 , 46, 540-7	3.4	17
33	Persistence of abnormal electrophysiological findings after carpal tunnel release. <i>Journal of Reconstructive Microsurgery</i> , 2013 , 29, 511-6	2.5	17
32	Histomorphological study of bone response to hydroxyapatite coating on stainless steel. <i>Journal of Materials Science: Materials in Medicine</i> , 2003 , 14, 327-33	4.5	16
31	Bone repair biomaterials 2009 ,		16
30	Flexor tendon injuries of the hand treated with TenoFix: mid-term results. <i>Journal of Orthopaedics and Traumatology</i> , 2008 , 9, 201-8	5	12
29	Abductor pollicis longus hemitendon looping around the first intermetacarpal ligament as interposition following trapeziectomy: a one-year follow-up study. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2011 , 97, 726-33	2.9	11
28	Bone response to polymers based on poly-lactic acid and having different degradation times. <i>Journal of Materials Science: Materials in Medicine</i> , 2001 , 12, 775-8	4.5	10
27	Debris of carbon-fibers originated from a CFRP (pEEK) wrist-plate triggered a destruent synovitis in human. <i>Journal of Materials Science: Materials in Medicine</i> , 2016 , 27, 50	4.5	8

26	A suspended carbon fiber culture to model myelination by human Schwann cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2017 , 28, 57	4.5	6
25	In vivo study of ethyl-2-cyanoacrylate applied in direct contact with nerves regenerating in a novel nerve-guide. <i>Journal of Materials Science: Materials in Medicine</i> , 2010 , 21, 1979-87	4.5	6
24	Bone repair biomaterials in orthopedic surgery 2019 , 301-327		5
23	Peripheral nerve regeneration inside collagen-based artificial nerve guides in humans. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2015 , 13, 61-5	1.8	4
22	Trapeziometacarpal joint osteoarthritis: a prospective trial on two widespread conservative therapies. <i>Muscles, Ligaments and Tendons Journal</i> , 2017 , 7, 603-610	1.9	4
21	Nerve-conduits or nerve-guides? When terminology matters. <i>Injury</i> , 2013 , 44, 878-9	2.5	4
20	A back-scattered electron microscopy (BSEM) study of the tight apposition between bone and hydroxyapatite coating. <i>Journal of Orthopaedics and Traumatology</i> , 2000 , 1, 11-16	5	4
19	Ulnar nerve regeneration in a 70-year-old patient assessed upon revision of a degradable nerve guide after 9 months. <i>Journal of Reconstructive Microsurgery</i> , 2009 , 25, 279-81	2.5	3
18	A method to deliver patterned electrical impulses to Schwann cells cultured on an artificial axon. <i>Neural Regeneration Research</i> , 2019 , 14, 1052-1059	4.5	3
17	Open Surgery for Trigger Finger Required Combined a1-a2 Pulley Release. A Retrospective Study on 1305 Case. <i>Techniques in Hand and Upper Extremity Surgery</i> , 2019 , 23, 115-121	0.5	3
16	Reciprocal nerve staining (RNS) for the concurrent detection of choline acetyltransferase and myelin basic protein on paraffin-embedded sections. <i>Journal of Neuroscience Methods</i> , 2019 , 311, 235-238	3	3
15	An intra-cytoplasmic route for SARS-CoV-2 transmission unveiled by Helium-ion microscopy.. <i>Scientific Reports</i> , 2022 , 12, 3794	4.9	3
14	A discussion on the limits of carbon-fibres reinforced polymers prompted by a case of destruent synovitis in the wrist. <i>Injury</i> , 2015 , 46, 770-1	2.5	2
13	Distal radius fractures: Treatment using the Epibloc System. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2010 , 96, 185-189	2.9	2
12	A sciatic nerve gap-injury model in the rabbit.. <i>Journal of Materials Science: Materials in Medicine</i> , 2022 , 33, 14	4.5	2
11	Modelling Peripheral Nerve from Studies on "The Bands of Fontana" and on "Artificial Nerve-Guides" Suggests a New Recovery Mechanism Which Can Concur with Brain Plasticity. <i>American Journal of Neuroprotection and Neuroregeneration</i> , 2016 , 8, 45-53		2
10	Spontaneous gait recovery after sciatic nerve transection impairs the non-invasive evaluation of artificial nerve guides in rats. <i>Journal of Applied Biomaterials and Biomechanics</i> , 2008 , 6, 157-62		2
9	Can we regrow a human arm? A negative perspective from an upper-limb surgeon. <i>Journal of Materials Science: Materials in Medicine</i> , 2013 , 24, 2635-8	4.5	1

8	Backscattered electron microscopy evidences tight apposition between bone and bioactive glass coating in vivo. <i>Journal of Orthopaedics and Traumatology</i> , 2005 , 6, 179-182	5	1
7	Energy dispersive analysis (EDX) of a degradable bioactive-glass coating on Ti6Al4V in-vivo. <i>Journal of Materials Science: Materials in Medicine</i> , 2001 , 12, 727-30	4.5	1
6	Hoechst 33342 as a marker for imaging neurites of Dorsal Root Ganglion in vitro. <i>Journal of Anatomy</i> , 2021 ,	2.9	1
5	Hard Tissue Structure and Functionality81-94		1
4	Development of a Device-Assisted Nerve-Regeneration Procedure in Disruptive Lesions of the Brachial Plexus. <i>Journal of Reconstructive Microsurgery</i> , 2018 , 34, 389-398	2.5	
3	Combining an external fixator and an artificial nerve-guide for the treatment of a complex digital injury. <i>Journal of Hand and Microsurgery</i> , 2011 , 3, 34-7	0.5	
2	Distal radius fractures: treatment using the Epibloc system. <i>Revue De Chirurgie Orthopedique Et Traumatologique</i> , 2010 , 96, 185-9	0	
1	Severe radius shortening and deformity secondary to epiphyseal arrest corrected by Ilizarov fixator: a case report. <i>Journal of Orthopaedics and Traumatology</i> , 2005 , 6, 158-160	5	