

Maria Cristina Maltarello

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,169
citations

361413

20
h-index

377865

34
g-index

41
all docs

41
docs citations

41
times ranked

1443
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness of a bioabsorbable conduit in the repair of peripheral nerves. <i>Biomaterials</i> , 1996, 17, 959-962.	11.4	109
2	A Comparison of Hydroxyapatite-Coated, Titanium-Coated, and Uncoated Tapered External-Fixation Pins. An in Vivo Study in Sheep*. <i>Journal of Bone and Joint Surgery - Series A</i> , 1998, 80, 547-54.	3.0	103
3	Lights and shadows concerning platelet products for musculoskeletal regeneration. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 96-107.	1.8	75
4	In vitro behaviour of bone marrow-derived mesenchymal cells cultured on fluorohydroxyapatite-coated substrata with different roughness. <i>Biomaterials</i> , 2003, 24, 587-596.	11.4	69
5	A new bi-layered scaffold for osteochondral tissue regeneration: In vitro and in vivo preclinical investigations. <i>Materials Science and Engineering C</i> , 2017, 70, 101-111.	7.3	64
6	Modifying bone scaffold architecture in vivo with permanent magnets to facilitate fixation of magnetic scaffolds. <i>Bone</i> , 2013, 56, 432-439.	2.9	58
7	Ultraviolet B (UVB) Irradiation-Induced Apoptosis in Various Cell Lineages in Vitro. <i>International Journal of Molecular Sciences</i> , 2013, 14, 532-546.	4.1	46
8	Bone regeneration in a rabbit critical femoral defect by means of magnetic hydroxyapatite macroporous scaffolds. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 546-554.	3.4	46
9	Biomechanical, Scanning Electron Microscopy, and Microhardness Analyses of the Bone-Pin Interface in Hydroxyapatite Coated Versus Uncoated Pins. <i>Journal of Orthopaedic Trauma</i> , 1997, 11, 154-161.	1.4	41
10	pRb2/p130 and p107 control cell growth by multiple strategies and in association with different compartments within the nucleus. <i>Journal of Cellular Physiology</i> , 2001, 189, 34-44.	4.1	35
11	Outcome of 50 consecutive sinus lift operations. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2005, 43, 309-313.	0.8	35
12	Biological and Synthetic Conduits in Peripheral Nerve Repair: A Comparative Experimental Study. <i>International Journal of Artificial Organs</i> , 1995, 18, 225-230.	1.4	33
13	Disposable contact lenses and bacterial adhesion. In vitro comparison between ionic/high-water-content and non-ionic/low-water-content lenses. <i>Biomaterials</i> , 1995, 16, 685-690.	11.4	32
14	Fabrication and characterization of biomimetic hydroxyapatite thin films for bone implants by direct ablation of a biogenic source. <i>Materials Science and Engineering C</i> , 2019, 99, 853-862.	7.3	32
15	Magnetic forces and magnetized biomaterials provide dynamic flux information during bone regeneration. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 51.	3.6	31
16	Detection of mucus glycoconjugates in human conjunctiva by using the lectin-colloidal gold technique in TEM. <i>Acta Ophthalmologica</i> , 1986, 64, 451-455.	1.1	26
17	Mucus alteration and eye dryness A possible relationship. <i>Acta Ophthalmologica</i> , 1989, 67, 455-464.	1.1	25
18	Adaptive cellular response to osmotic stress in pig articular chondrocytes. <i>Tissue and Cell</i> , 1995, 27, 173-183.	2.2	22

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19	Pulsed plasma deposition of zirconia thin films on UHMWPE: proof of concept of a novel approach for joint prosthetic implants. <i>Journal of Materials Chemistry B</i> , 2013, 1, 310-318.	5.8	22
20	Peripheral Nerve Reconstruction with Bioabsorbable Polyphosphazene Conduits. <i>Journal of Bioactive and Compatible Polymers</i> , 1997, 12, 3-13.	2.1	21
21	Outcome of 47 Consecutive Sinus Lift Operations Using Aragonitic Calcium Carbonate Associated With Autologous Platelet-Rich Plasma. <i>Journal of Craniofacial Surgery</i> , 2009, 20, 2067-2074.	0.7	20
22	Detection of mucus glycoconjugates in human conjunctiva by using the lectin colloidal gold technique in TEM. <i>Acta Ophthalmologica</i> , 1986, 64, 445-450.	1.1	19
23	Dry Eye before and after Therapy with Hydroxypropyl Methylcellulose. <i>Ophthalmologica</i> , 1989, 198, 152-162.	1.9	18
24	Detection of mucus glycoconjugates in human conjunctiva by using the lectin colloidal gold technique in TEM. <i>Acta Ophthalmologica</i> , 1987, 65, 661-667.	1.1	18
25	New PMMA-based composites for preparing spacer devices in prosthetic infections. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 1247-1257.	3.6	18
26	Plasma-assisted deposition of bone apatite-like thin films from natural apatite. <i>Materials Letters</i> , 2017, 199, 32-36.	2.6	18
27	Localization of dystrophin COOH-terminal domain by the fracture-label technique.. <i>Journal of Cell Biology</i> , 1992, 118, 1401-1409.	5.2	17
28	NANOMECHANICAL CHARACTERIZATION OF ZIRCONIA THIN FILMS DEPOSITED ON UHMWPE BY PULSED PLASMA DEPOSITION. <i>Journal of Mechanics in Medicine and Biology</i> , 2015, 15, 1550070.	0.7	16
29	Lamin A and Prelamin A Counteract Migration of Osteosarcoma Cells. <i>Cells</i> , 2020, 9, 774.	4.1	14
30	Ultrastructural Investigation Demonstrating Reduced Cell Adhesion on Heparin-Surface-Modified Intraocular Lenses. <i>Ophthalmic Research</i> , 1991, 23, 1-11.	1.9	13
31	A Comprehensive Microstructural and Compositional Characterization of Allogenic and Xenogenic Bone: Application to Bone Grafts and Nanostructured Biomimetic Coatings. <i>Coatings</i> , 2020, 10, 522.	2.6	11
32	Nanostructure and biomimetics orchestrate mesenchymal stromal cell differentiation: An in vitro bioactivity study on new coatings for orthopedic applications. <i>Materials Science and Engineering C</i> , 2021, 123, 112031.	7.3	11
33	Immunocytochemical analysis of contact lens surface deposits in transmission electron microscopy. <i>Current Eye Research</i> , 1988, 7, 277-286.	1.5	10
34	Three-dimensional cellular distribution in polymeric scaffolds for bone regeneration: a microCT analysis compared to SEM, CLSM and DNA content. <i>Journal of Microscopy</i> , 2014, 255, 20-29.	1.8	10
35	Histochemical and ultrastructural study of an elastofibroma dorsi coexisting with a high grade spindle cell sarcoma. <i>European Journal of Histochemistry</i> , 2004, 48, 173.	1.5	7
36	Changes in glycoconjugates in rat submandibular gland after chronic treatment with reserpine and isoproterenol. <i>Histochemistry</i> , 1988, 90, 285-288.	1.9	6

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37	MRMT-1 rat breast carcinoma cells and models of bone metastases: Improvement of an in vitro system to mimic the in vivo condition. <i>Acta Histochemica</i> , 2013, 115, 76-85.	1.8	6
38	Expression of G1 phase regulators in MG-63 osteosarcoma cell line.. <i>International Journal of Oncology</i> , 1999, 14, 1117-21.	3.3	5
39	Histological and Clinical Survey of Polylactic-Polyglycolic Acid and Dextrane Copolymer in Maxillary Sinus Lift: A Pilot <i>in Vivo</i> Study. <i>International Journal of Immunopathology and Pharmacology</i> , 2008, 21, 687-695.	2.1	4
40	Leiomyosarcoma of the spermatic cord: a light and ultrastructural description of one case. <i>Pathology Research and Practice</i> , 2004, 200, 487-491.	2.3	3
41	An improved processing method for electron microscopy investigation of conjunctival biopsies. <i>Current Eye Research</i> , 1987, 6, 943-946.	1.5	0