

Alberto Cigada

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,234
citations

471509

17
h-index

414414

32
g-index

38
all docs

38
docs citations

38
times ranked

2102
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogel-based delivery of Tat-fused protein Hsp70 protects dopaminergic cells in vitro and in a mouse model of Parkinson's disease. <i>NPG Asia Materials</i> , 2019, 11, .	7.9	28
2	Particle anisotropy and crystalline phase transition in one-pot synthesis of nano-zirconia: a causal relationship. <i>CrystEngComm</i> , 2018, 20, 879-888.	2.6	8
3	Effect of wear from cleaning operations on sintered ceramic surfaces: Correlation of surface properties data with touch perception and digital image processing. <i>Wear</i> , 2017, 390-391, 355-366.	3.1	9
4	Poly-Paper: A Sustainable Material for Packaging, Based on Recycled Paper and Recyclable with Paper. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2016, 14, 490-495.	1.6	6
5	Development of a Photocatalytic Filter to Control Indoor Air Quality. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2016, 14, 496-501.	1.6	4
6	Flexible hybrid coatings with efficient antioxidation properties. <i>Food Packaging and Shelf Life</i> , 2016, 10, 106-114.	7.5	7
7	Tribological and mechanical performance evaluation of metal prosthesis components manufactured via metal injection molding. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 5332.	3.6	6
8	Optimization of Chitosan-Based Scaffolds Obtained via Cathodic Polarization. <i>Key Engineering Materials</i> , 2015, 654, 154-158.	0.4	0
9	Systematic Analysis of Injectable Materials and 3D Rapid Prototyped Magnetic Scaffolds: From CNS Applications to Soft and Hard Tissue Repair/Regeneration. <i>Procedia Engineering</i> , 2013, 59, 233-239.	1.2	60
10	A Novel Silicon-Based Electrochemical Treatment to Improve Osteointegration of Titanium Implants. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2013, 11, 106-116.	1.6	6
11	Metal injection molding as enabling technology for the production of metal prosthesis components: Electrochemical and <i>in vitro</i> characterization. , 2013, 101, 1294-1301.		3
12	Development and Analysis of Semi-Interpenetrating Polymer Networks for Brain Injection in Neurodegenerative Disorders. <i>International Journal of Artificial Organs</i> , 2013, 36, 762-774.	1.4	10
13	Hydrogel-Based Nanocomposites and Mesenchymal Stem Cells: A Promising Synergistic Strategy for Neurodegenerative Disorders Therapy. <i>Scientific World Journal, The</i> , 2013, 2013, 1-9.	2.1	25
14	Preparation and Characterization of Shape Memory Polymer Scaffolds via Solvent Casting/Particulate Leaching. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2012, 10, 119-126.	1.6	26
15	Improving Indoor Air Quality by Using the New Generation of Corrugated Cardboard-Based Filters. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2012, 10, 157-162.	1.6	2
16	A Novel Antibacterial Modification Treatment of Titanium Capable to Improve Osseointegration. <i>International Journal of Artificial Organs</i> , 2012, 35, 864-875.	1.4	48
17	JABB: Moving Towards the Future. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2012, 10, 1-1.	1.6	5
18	Electrochemically Deposited Gentamicin-Loaded Calcium phosphate Coatings for Bone Tissue Integration. <i>International Journal of Artificial Organs</i> , 2012, 35, 876-883.	1.4	7

#	ARTICLE	IF	CITATIONS
19	Phase change material cellulosic composites for the cold storage of perishable products: From material preparation to computational evaluation. <i>Applied Energy</i> , 2012, 89, 339-346.	10.1	55
20	Titanium Oxide Antibacterial Surfaces in Biomedical Devices. <i>International Journal of Artificial Organs</i> , 2011, 34, 929-946.	1.4	219
21	Nanocomposites for Neurodegenerative Diseases: Hydrogel-Nanoparticle Combinations for a Challenging Drug Delivery. <i>International Journal of Artificial Organs</i> , 2011, 34, 1115-1127.	1.4	52
22	Electrochemically induced anatase inhibits bacterial colonization on Titanium Grade 2 and Ti6Al4V alloy for dental and orthopedic devices. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 88, 648-655.	5.0	59
23	Trends in biomedical engineering: focus on Smart Bio-Materials and Drug Delivery. <i>Journal of Applied Biomaterials and Biomechanics</i> , 2011, 9, 87-97.	0.4	9
24	Development of novel cardboard filters very effective in removing airborne bacteria from confined environments. <i>Journal of Applied Biomaterials and Biomechanics</i> , 2011, 9, 207-213.	0.4	0
25	The ceramic-on-metal coupling in total hip replacements for young patients: a review study. <i>Journal of Applied Biomaterials and Biomechanics</i> , 2011, 9, 2-10.	0.4	7
26	JABB: taking stock after 8 years activity. <i>Journal of Applied Biomaterials and Biomechanics</i> , 2011, 9, 1-1.	0.4	0
27	Shape memory polymer foams for cerebral aneurysm reparation: Effects of plasma sterilization on physical properties and cytocompatibility. <i>Acta Biomaterialia</i> , 2009, 5, 1508-1518.	8.3	62
28	Multidisciplinary Perspectives for Alzheimer's and Parkinson's Diseases: Hydrogels for Protein Delivery and Cell-Based Drug Delivery as Therapeutic Strategies. <i>International Journal of Artificial Organs</i> , 2009, 32, 836-850.	1.4	48
29	Apatite formation and cellular response of a novel bioactive titanium. <i>Journal of Materials Science: Materials in Medicine</i> , 2007, 18, 1225-1237.	3.6	31
30	In vitro assessment of the osteointegrative potential of a novel multiphase anodic spark deposition coating for orthopaedic and dental implants. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2005, 73B, 392-399.	3.4	41
31	Physical and biological characterizations of a novel multiphase anodic spark deposition coating to enhance implant osseointegration. <i>Journal of Materials Science: Materials in Medicine</i> , 2005, 16, 1221-1229.	3.6	25
32	Mechanical and histomorphometric evaluations of titanium implants with different surface treatments inserted in sheep cortical bone. <i>Biomaterials</i> , 2003, 24, 1583-1594.	11.4	116
33	In vitro and in vivo behaviour of Ca- and P-enriched anodized titanium. <i>Biomaterials</i> , 1999, 20, 1587-1594.	11.4	173
34	In vivo study of polyurethane-coated gianturco-rosch biliary Z-stents. <i>CardioVascular and Interventional Radiology</i> , 1999, 22, 510-514.	2.0	9
35	Synergistic effects of oxidative environments and mechanical stress on in vitro stability of polyetherurethanes and polycarbonateurethanes. <i>Journal of Biomedical Materials Research Part B</i> , 1999, 45, 62-74.	3.1	53
36	Polyurethane-coated, self-expandable biliary stent: An experimental study. <i>Academic Radiology</i> , 1995, 2, 1078-1081.	2.5	10