

Marco Morra

List of Publications by Year in descending order

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51
papers

2,425
citations

185998

28
h-index

197535

49
g-index

53
all docs

53
docs citations

53
times ranked

3255
citing authors

#	ARTICLE	IF	CITATIONS
1	On the molecular basis of fouling resistance. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2000, 11, 547-569.	1.9	244
2	Non-fouling properties of polysaccharide-coated surfaces. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1999, 10, 1107-1124.	1.9	182
3	Engineering of Biomaterials Surfaces by Hyaluronan. <i>Biomacromolecules</i> , 2005, 6, 1205-1223.	2.6	174
4	Surface Tension Comparison of Four Common Root Canal Irrigants and Two New Irrigants Containing Antibiotic. <i>Journal of Endodontics</i> , 2006, 32, 1091-1093.	1.4	169
5	Bioactive calcium silicate ceramics and coatings. <i>Biomedicine and Pharmacotherapy</i> , 2008, 62, 526-529.	2.5	127
6	Surface chemistry effects of topographic modification of titanium dental implant surfaces: 1. Surface analysis. <i>International Journal of Oral and Maxillofacial Implants</i> , 2003, 18, 40-5.	0.6	79
7	Effects on Interfacial Properties and Cell Adhesion of Surface Modification by Pectic Hairy Regions. <i>Biomacromolecules</i> , 2004, 5, 2094-2104.	2.6	76
8	Alkaline phosphatase grafting on bioactive glasses and glass ceramics. <i>Acta Biomaterialia</i> , 2010, 6, 229-240.	4.1	74
9	Enzymatic surface modification of acrylonitrile fibers. <i>Applied Surface Science</i> , 2001, 177, 32-41.	3.1	67
10	Some Reflection on the Evaluation of the Lewis Acid-Base Properties of Polymer Surfaces by Wetting Measurements. <i>Journal of Colloid and Interface Science</i> , 1996, 182, 312-314.	5.0	66
11	Antioxidant mesoporous Ce-doped bioactive glass nanoparticles with anti-inflammatory and pro-osteogenic activities. <i>Materials Today Bio</i> , 2020, 5, 100041.	2.6	66
12	Thrombogenicity of polysaccharide-coated surfaces. <i>Biomaterials</i> , 2003, 24, 1917-1924.	5.7	65
13	The Incorporation of Strontium to Improve Bone-Regeneration Ability of Mesoporous Bioactive Glasses. <i>Materials</i> , 2018, 11, 678.	1.3	64
14	Biomolecular modification of implant surfaces. <i>Expert Review of Medical Devices</i> , 2007, 4, 361-372.	1.4	63
15	Effects of type I collagen coating on titanium osseointegration: histomorphometric, cellular and molecular analyses. <i>Biomedical Materials (Bristol)</i> , 2012, 7, 035007.	1.7	63
16	Evaluation of interfacial properties of hyaluronan coated poly(methylmethacrylate) intraocular lenses. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2000, 11, 961-977.	1.9	60
17	Novel bioceramic-reinforced hydrogel for alveolar bone regeneration. <i>Acta Biomaterialia</i> , 2016, 44, 97-109.	4.1	60
18	Effect of Modified Pectin Molecules on the Growth of Bone Cells. <i>Biomacromolecules</i> , 2007, 8, 509-515.	2.6	59

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19	Collagen type I coating stimulates bone regeneration and osteointegration of titanium implants in the osteopenic rat. <i>International Orthopaedics</i> , 2015, 39, 2041-2052.	0.9	52
20	Surface analysis and effects on interfacial bone microhardness of collagen-coated titanium implants: a rabbit model. <i>International Journal of Oral and Maxillofacial Implants</i> , 2005, 20, 23-30.	0.6	42
21	Surface Studies on a Model Cell-Resistant System. <i>Langmuir</i> , 1999, 15, 4658-4663.	1.6	40
22	Covalently-linked hyaluronan promotes bone formation around Ti implants in a rabbit model. <i>Journal of Orthopaedic Research</i> , 2009, 27, 657-663.	1.2	35
23	Biomimetic Surfaces Coated with Covalently Immobilized Collagen Type I: An X-Ray Photoelectron Spectroscopy, Atomic Force Microscopy, Micro-CT and Histomorphometrical Study in Rabbits. <i>International Journal of Molecular Sciences</i> , 2019, 20, 724.	1.8	33
24	Modulating <i>in vitro</i> bone cell and macrophage behavior by immobilized enzymatically tailored pectins. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 86A, 597-606.	2.1	32
25	Wilhelmy Plate Measurements on Poly(N-isopropylacrylamide)-Grafted Surfaces. <i>Langmuir</i> , 1998, 14, 4650-4656.	1.6	30
26	Gene expression of markers of osteogenic differentiation of human mesenchymal cells on collagen modified microrough titanium surfaces. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 96A, 449-455.	2.1	30
27	Incorporation of Boron in Mesoporous Bioactive Glass Nanoparticles Reduces Inflammatory Response and Delays Osteogenic Differentiation. <i>Particle and Particle Systems Characterization</i> , 2020, 37, 2000054.	1.2	30
28	Engineered porous scaffolds for periprosthetic infection prevention. <i>Materials Science and Engineering C</i> , 2016, 68, 701-715.	3.8	29
29	Simple model for the XPS analysis of polysaccharide-coated surfaces. <i>Surface and Interface Analysis</i> , 1998, 26, 742-747.	0.8	27
30	Dual Rinse® HEDP increases the surface tension of NaOCl but may increase its dentin disinfection efficacy. <i>Odontology / the Society of the Nippon Dental University</i> , 2019, 107, 521-529.	0.9	27
31	Development of the osteoblastic phenotype in human alveolar bone-derived cells grown on a collagen type I coated titanium surface. <i>Clinical Oral Implants Research</i> , 2009, 20, 240-246.	1.9	25
32	Cell Adhesion Micropatterning by Plasma Treatment of Alginate Coated Surfaces. <i>Plasmas and Polymers</i> , 2002, 7, 89-101.	1.5	20
33	The effect of collagen coating on titanium with nanotopography on <i>in vitro</i> osteogenesis. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2783-2788.	2.1	20
34	Surface chemistry and effects on bone regeneration of a novel biomimetic synthetic bone filler. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 159.	1.7	18
35	Atomic force microscopy evaluation of aqueous interfaces of immobilized hyaluronan. <i>Journal of Colloid and Interface Science</i> , 2003, 259, 236-243.	5.0	17
36	Affecting osteoblastic responses with <i>in vivo</i> engineered potato pectin fragments. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 111-119.	2.1	16

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37	Polyphenols from grape pomace induce osteogenic differentiation in mesenchymal stem cells. <i>International Journal of Molecular Medicine</i> , 2020, 45, 1721-1734.	1.8	15
38	Letter to the Editor. , 1998, 42, 473-474.		14
39	Effects of molecular weight and surface functionalization on surface composition and cell adhesion to Hyaluronan coated titanium. <i>Biomedicine and Pharmacotherapy</i> , 2006, 60, 365-369.	2.5	14
40	Force measurements on cell repellent and cell adhesive alginate coated surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2000, 18, 249-259.	2.5	12
41	Adherent Endotoxin on Dental Implant Surfaces: A Reappraisal. <i>Journal of Oral Implantology</i> , 2015, 41, 10-16.	0.4	12
42	<p>Silver Decorated Mesoporous Carbons for the Treatment of Acute and Chronic Wounds, in a Tissue Regeneration Context</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 10147-10164.	3.3	12
43	New collagen-coated calcium phosphate synthetic bone filler (Synergoss [®]): A comparative surface analysis. <i>International Journal of Applied Ceramic Technology</i> , 2018, 15, 910-920.	1.1	11
44	Covalently-Linked Hyaluronan versus Acid Etched Titanium Dental Implants: A Crossover RCT in Humans. <i>International Journal of Molecular Sciences</i> , 2019, 20, 763.	1.8	11
45	Permanent wettability of a novel, nanoengineered, clinically available, hyaluronan-coated dental implant. <i>Clinical and Experimental Dental Research</i> , 2018, 4, 196-205.	0.8	10
46	A shelf-life study of silica- and carbon-based mesoporous materials. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 101, 205-213.	2.9	10
47	Comment to the paper: Enhancing surface free energy and hydrophilicity through chemical modification of microstructured titanium implant surfaces, by F. Rupp, L. Scheideler, N. Olshanska, M. de Wild, M. Wieland, J. Geis-Gerstorfer. <i>Journal of Biomedical Materials Research - Part A</i> , 2006, 79A, 752-754.	2.1	6
48	Functionalization with a Polyphenol-Rich Pomace Extract Empowers a Ceramic Bone Filler with In Vitro Antioxidant, Anti-Inflammatory, and Pro-Osteogenic Properties. <i>Journal of Functional Biomaterials</i> , 2021, 12, 31.	1.8	5
49	Collagen I-Coated Titanium Surfaces for Bone Implantation. , 2009, , 373-396.		5
50	Fibrinogen adsorption, platelet adhesion and thrombin generation at heparinized surfaces exposed to flowing blood. <i>Thrombosis and Haemostasis</i> , 2002, 87, 742-7.	1.8	4
51	Cloning and Expression Analysis of Human Amelogenin in <i>Nicotiana benthamiana</i> Plants by Means of a Transient Expression System. <i>Molecular Biotechnology</i> , 2017, 59, 425-434.	1.3	2