Marco Morra

List of Publications by Year
in descending order

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	Functionalization with a Polyphenol-Rich Pomace Extract Empowers a Ceramic Bone Filler with In Vitro Antioxidant, Anti-Inflammatory, and Pro-Osteogenic Properties. Journal of Functional Biomaterials, 2021, 12, 31.	1.8	5
2	A shelf-life study of silica- and carbon-based mesoporous materials. Journal of Industrial and Engineering Chemistry, 2021, 101, 205-213.	2.9	10
3	Incorporation of Boron in Mesoporous Bioactive Glass Nanoparticles Reduces Inflammatory Response and Delays Osteogenic Differentiation. Particle and Particle Systems Characterization, 2020, 37, 2000054.	1.2	30
4	Antioxidant mesoporous Ce-doped bioactive glass nanoparticles with anti-inflammatory and pro-osteogenic activities. Materials Today Bio, 2020, 5, 100041.	2.6	66
5	Polyphenols from grape pomace induce osteogenic differentiation in mesenchymal stem cells. International Journal of Molecular Medicine, 2020, 45, 1721-1734.	1.8	15
6	Dual RinseÂ® HEDP increases the surface tension of NaOCl but may increase its dentin disinfection efficacy. Odontology / the Society of the Nippon Dental University, 2019, 107, 521-529.	0.9	27
7	Covalently-Linked Hyaluronan versus Acid Etched Titanium Dental Implants: A Crossover RCT in Humans. International Journal of Molecular Sciences, 2019, 20, 763.	1.8	11
8	Biomimetic Surfaces Coated with Covalently Immobilized Collagen Type I: An X-Ray Photoelectron Spectroscopy, Atomic Force Microscopy, Micro-CT and Histomorphometrical Study in Rabbits. International Journal of Molecular Sciences, 2019, 20, 724.	1.8	33
9	Silver Decorated Mesoporous Carbons for the Treatment of Acute and Chronic Wounds, in a Tissue Regeneration Context . International Journal of Nanomedicine, 2019, Volume 14, 10147-10164.	3.3	12
10	New collagenâ€coated calcium phosphate synthetic bone filler (Synergoss^{Â®}): A comparative surface analysis. International Journal of Applied Ceramic Technology, 2018, 15, 910-920.	1.1	11
11	Permanent wettability of a novel, nanoengineered, clinically available, hyaluronanâ€coated dental implant. Clinical and Experimental Dental Research, 2018, 4, 196-205.	0.8	10
12	The Incorporation of Strontium to Improve Bone-Regeneration Ability of Mesoporous Bioactive Glasses. Materials, 2018, 11, 678.	1.3	64
13	Cloning and Expression Analysis of Human Amelogenin in Nicotiana benthamiana Plants by Means of a Transient Expression System. Molecular Biotechnology, 2017, 59, 425-434.	1.3	2
14	The effect of collagen coating on titanium with nanotopography on in vitro osteogenesis. Journal of Biomedical Materials Research - Part A, 2017, 105, 2783-2788.	2.1	20
15	Engineered porous scaffolds for periprosthetic infection prevention. Materials Science and Engineering C, 2016, 68, 701-715.	3.8	29
16	Novel bioceramic-reinforced hydrogel for alveolar bone regeneration. Acta Biomaterialia, 2016, 44, 97-109.	4.1	60
17	Collagen type I coating stimulates bone regeneration and osteointegration of titanium implants in the osteopenic rat. International Orthopaedics, 2015, 39, 2041-2052.	0.9	52
18	Surface chemistry and effects on bone regeneration of a novel biomimetic synthetic bone filler. Journal of Materials Science: Materials in Medicine, 2015, 26, 159.	1.7	18

#	Article	IF	Citations
19	Adherent Endotoxin on Dental Implant Surfaces: A Reappraisal. Journal of Oral Implantology, 2015, 41, 10-16.	0.4	12
20	Effects of type I collagen coating on titanium osseointegration: histomorphometric, cellular and molecular analyses. Biomedical Materials (Bristol), 2012, 7, 035007.	1.7	63
21	Affecting osteoblastic responses with in vivo engineered potato pectin fragments. Journal of Biomedical Materials Research - Part A, 2012, 100A, 111-119.	2.1	16
22	Gene expression of markers of osteogenic differentiation of human mesenchymal cells on collagen Iâ€modified microrough titanium surfaces. Journal of Biomedical Materials Research - Part A, 2011, 96A, 449-455.	2.1	30
23	Alkaline phosphatase grafting on bioactive glasses and glass ceramics. Acta Biomaterialia, 2010, 6, 229-240.	4.1	74
24	Covalentlyâ€linked hyaluronan promotes bone formation around Ti implants in a rabbit model. Journal of Orthopaedic Research, 2009, 27, 657-663.	1.2	35
25	Development of the osteoblastic phenotype in human alveolar boneâ€derived cells grown on a collagen type Iâ€coated titanium surface. Clinical Oral Implants Research, 2009, 20, 240-246.	1.9	25
26	Collagen I-Coated Titanium Surfaces for Bone Implantation. , 2009, , 373-396.		5
27	Modulating in vitro bone cell and macrophage behavior by immobilized enzymatically tailored pectins. Journal of Biomedical Materials Research - Part A, 2008, 86A, 597-606.	2.1	32
28	Bioactive calcium silicate ceramics and coatings. Biomedicine and Pharmacotherapy, 2008, 62, 526-529.	2.5	127
29	Effect of Modified Pectin Molecules on the Growth of Bone Cells. Biomacromolecules, 2007, 8, 509-515.	2.6	59
30	Biomolecular modification of implant surfaces. Expert Review of Medical Devices, 2007, 4, 361-372.	1.4	63
31	Effects ofÂmolecular weight andÂsurface functionalization onÂsurface composition andÂcell adhesion toÂHyaluronan coated titanium. Biomedicine and Pharmacotherapy, 2006, 60, 365-369.	2.5	14
32	Surface Tension Comparison of Four Common Root Canal Irrigants and Two New Irrigants Containing Antibiotic. Journal of Endodontics, 2006, 32, 1091-1093.	1.4	169
33	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. Journal of Biomedical Materials Research - Part A, 2006, 79A, 752-754.	2.1	6
34	Engineering of Biomaterials Surfaces by Hyaluronan. Biomacromolecules, 2005, 6, 1205-1223.	2.6	174
35	Surface analysis and effects on interfacial bone microhardness of collagen-coated titanium implants: a rabbit model. International Journal of Oral and Maxillofacial Implants, 2005, 20, 23-30.	0.6	42
36	Effects on Interfacial Properties and Cell Adhesion of Surface Modification by Pectic Hairy Regions. Biomacromolecules, 2004, 5, 2094-2104.	2.6	76

#	Article	IF	Citations
37	Atomic force microscopy evaluation of aqueous interfaces of immobilized hyaluronan. Journal of Colloid and Interface Science, 2003, 259, 236-243.	5.0	17
38	Thrombogenicity of polysaccharide-coated surfaces. Biomaterials, 2003, 24, 1917-1924.	5.7	65
39	Surface chemistry effects of topographic modification of titanium dental implant surfaces: 1. Surface analysis. International Journal of Oral and Maxillofacial Implants, 2003, 18, 40-5.	0.6	79
40	Cell Adhesion Micropatterning by Plasma Treatment of Alginate Coated Surfaces. Plasmas and Polymers, 2002, 7, 89-101.	1.5	20
41	Fibrinogen adsorption, platelet adhesion and thrombin generation at heparinized surfaces exposed to flowing blood. Thrombosis and Haemostasis, 2002, 87, 742-7.	1.8	4
42	Enzymatic surface modification of acrylonitrile fibers. Applied Surface Science, 2001, 177, 32-41.	3.1	67
43	Evaluation of interfacial properties of hyaluronan coated poly(methylmethacrylate) intraocular lenses. Journal of Biomaterials Science, Polymer Edition, 2000, 11, 961-977.	1.9	60
44	Force measurements on cell repellant and cell adhesive alginic acid coated surfaces. Colloids and Surfaces B: Biointerfaces, 2000, 18, 249-259.	2.5	12
45	On the molecular basis of fouling resistance. Journal of Biomaterials Science, Polymer Edition, 2000, 11, 547-569.	1.9	244
46	Non-fouling properties of polysaccharide-coated surfaces. Journal of Biomaterials Science, Polymer Edition, 1999, 10, 1107-1124.	1.9	182
47	Surface Studies on a Model Cell-Resistant System. Langmuir, 1999, 15, 4658-4663.	1.6	40
48	Simple model for the XPS analysis of polysaccharide-coated surfaces. Surface and Interface Analysis, 1998, 26, 742-747.	0.8	27
49	Letter to the Editor. , 1998, 42, 473-474.		14
50	Wilhelmy Plate Measurements on Poly(N-isopropylacrylamide)-Grafted Surfaces. Langmuir, 1998, 14, 4650-4656.	1.6	30
51	Some Reflection on the Evaluation of the Lewis Acidâ€“Base Properties of Polymer Surfaces by Wetting Measurements. Journal of Colloid and Interface Science, 1996, 182, 312-314.	5.0	66