Roberta Salvatori

List of Publications by Citations

18 papers	402 citations	12 h-index	20 g-index
24 ext. papers	505 ext. citations	4.6 avg, IF	3.74 L-index

#	Paper	IF	Citations
18	Bioactive glass/hydroxyapatite composites: mechanical properties and biological evaluation. *Materials Science and Engineering C*, **2015**, 51, 196-205	8.3	66
17	Role of magnesium oxide and strontium oxide as modifiers in silicate-based bioactive glasses: Effects on thermal behaviour, mechanical properties and in-vitro bioactivity. *Materials Science and Engineering C*, **2017**, 72, 566-575	8.3	59
16	Sol-gel derived bioactive glasses with low tendency to crystallize: synthesis, post-sintering bioactivity and possible application for the production of porous scaffolds. *Materials Science and Engineering C*, **2014**, 43, 573-86	8.3	47
15	A comparative in vivo evaluation of bioactive glasses and bioactive glass-based composites for bone tissue repair. *Materials Science and Engineering C*, **2017**, 79, 286-295	8.3	30
14	SBF assays, direct and indirect cell culture tests to evaluate the biological performance of bioglasses and bioglass-based composites: Three paradigmatic cases. *Materials Science and Engineering C*, **2019**, 96, 757-764	8.3	29
13	Structural and ultrastructural analyses of bone regeneration in rabbit cranial osteotomy: Piezosurgery versus traditional osteotomes. *Journal of Cranio-Maxillo-Facial Surgery*, **2018**, 46, 107-118	3.6	28
12	Zinc containing bioactive glasses with ultra-high crystallization temperature, good biological performance and antibacterial effects. *Materials Science and Engineering C*, **2019**, 104, 109910	8.3	22
11	Bone Regeneration by Novel Bioactive Glasses Containing Strontium and/or Magnesium: A Preliminary In-Vivo Study. *Materials*, **2018**, 11,	3.5	19
10	A New Bioactive Glass/Collagen Hybrid Composite for Applications in Dentistry. *Materials*, **2019**, 12,	3.5	16
9	In-vivo short- and long-term evaluation of the interaction material-blood. *Journal of Materials Science: Materials in Medicine*, **2005**, 16, 1213-9	4.5	15
8	Cytocompatibility of Potential Bioactive Cerium-Doped Glasses based on 45S5. *Materials*, **2019**, 12,	3.5	14
7	Bioglass and bioceramic composites processed by Spark Plasma Sintering (SPS): biological evaluation Versus SBF test. *Biomedical Glasses*, **2018**, 4, 21-31	2.7	12
6	Bone Healing Evaluation Following Different Osteotomic Techniques in Animal Models: A Suitable Method for Clinical Insights. *Applied Sciences (Switzerland)*, **2020**, 10, 7165	2.6	11
5	Chitosan-Based Bioactive Glass Gauze: Microstructural Properties, In Vitro Bioactivity, and Biological Tests. *Materials*, **2020**, 13,	3.5	10
4	Cell Proliferation to Evaluate Preliminarily the Presence of Enduring Self-Regenerative Antioxidant Activity in Cerium Doped Bioactive Glasses. *Materials*, **2020**, 13,	3.5	6
3	In vitro studies of solution precursor plasma-sprayed copper-doped hydroxyapatite coatings with increasing copper content. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2020**, 108, 2579-2589	3.5	6
2	PO-Free Cerium Containing Glasses: Bioactivity and Cytocompatibility Evaluation. *Materials*, **2019**, 12,	3.5	5

List of Publications

1	A Novel Bioactive Glass Containing Therapeutic Ions with Enhanced Biocompatibility. *Materials*, **2020**, 13,	3.5	4