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List of Publications by Year in descending order

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papers

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34
docs citations

34
times ranked

1066
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioactive glass-ceramic for bone tissue engineering: an in vitro and in vivo study focusing on osteoclasts. Brazilian Oral Research, 2022, 36, e022.	1.4	2
2	Smart Bone Graft Composite for Cancer Therapy Using Magnetic Hyperthermia. Materials, 2022, 15, 3187.	2.9	2
3	Effect of bioactive Biosilicate [®] /F18 glass scaffolds on osteogenic differentiation of human adipose stem cells. Journal of Biomedical Materials Research - Part A, 2021, 109, 1293-1308.	4.0	5
4	New, tough and strong lithium metasilicate dental glass-ceramic. Ceramics International, 2021, 47, 2793-2801.	4.8	18
5	Suitability of Biosilicate [®] glass-ceramic powder for additive manufacturing of highly porous scaffolds. Ceramics International, 2021, 47, 8200-8207.	4.8	20
6	Biosilicate [®] Glass-Ceramic Foams From Refined Alkali Activation and Gel Casting. Frontiers in Materials, 2021, 7, .	2.4	8
7	Bioactivity of Ti6Al4V alloy with bioglass and corrosion protection by silane coating. Research, Society and Development, 2021, 10, e23310615308.	0.1	0
8	Understanding the mixed alkali effect on the sinterability and in vitro performance of bioactive glasses. Journal of the European Ceramic Society, 2021, 41, 4391-4405.	5.7	16
9	Two-step sinter-crystallization of K ₂ O-CaO-P ₂ O ₅ -SiO ₂ (45S5-K) bioactive glass. Ceramics International, 2021, 47, 18720-18731.	4.8	2
10	Competent F18 bioglass-Biosilicate [®] bone graft scaffold substitutes. Journal of the European Ceramic Society, 2021, 41, 7910-7920.	5.7	3
11	Biosilicate [®] scaffolds produced by 3D printing and direct foaming using preceramic polymers. Journal of the American Ceramic Society, 2019, 102, 1010-1020.	3.8	32
12	New engineered stones: Development and characterization of mineral-glass composites. Composites Part B: Engineering, 2019, 167, 556-565.	12.0	5
13	Bioactive magnetic glass-ceramics for cancer treatment. Biomedical Glasses, 2019, 5, 148-177.	2.4	24
14	Scaffolds of bioactive glass-ceramic (Biosilicate [®]) and bone healing: A biological evaluation in an experimental model of tibial bone defect in rats. Bio-Medical Materials and Engineering, 2018, 29, 665-683.	0.6	3
15	Porous poly (D,L -lactide-co -glycolide) acid/biosilicate [®] composite scaffolds for bone tissue engineering. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 63-71.	3.4	14
16	Bioactive-glass ceramic with two crystalline phases (BioS-2P) for bone tissue engineering. Biomedical Materials (Bristol), 2017, 12, 045018.	3.3	11
17	Putty-like bone fillers based on CaP ceramics or Biosilicate [®] combined with carboxymethylcellulose: Characterization, optimization, and evaluation. Journal of Biomaterials Applications, 2017, 32, 276-288.	2.4	5
18	Bioactive glass-based surfaces induce differential gene expression profiling of osteoblasts. Journal of Biomedical Materials Research - Part A, 2017, 105, 419-423.	4.0	9

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19	Use of Biosilicate [®] to Treat Bone Defects due to Periapical Disease: A Case Report. Dental Health Current Research, 2017, 03, .	0.1	1
20	Biosilicate [®] – a multipurpose, highly bioactive glass-ceramic. In vitro, in vivo and clinical trials. Journal of Non-Crystalline Solids, 2016, 432, 90-110.	3.1	130
21	Effect of 830-nm Laser Phototherapy on Olfactory Neuronal Ensheathing Cells Grown in Vitro on Novel Bioscaffolds. Journal of Applied Biomaterials and Functional Materials, 2015, 13, 234-240.	1.6	3
22	Porous bioactive scaffolds: characterization and biological performance in a model of tibial bone defect in rats. Journal of Materials Science: Materials in Medicine, 2015, 26, 74.	3.6	12
23	Bone regeneration and gene expression in bone defects under healthy and osteoporotic bone conditions using two commercially available bone graft substitutes. Biomedical Materials (Bristol), 2015, 10, 035003.	3.3	17
24	Influence of Particle Size on Nonisothermal Crystallization in a Lithium Disilicate Glass. Journal of the American Ceramic Society, 2015, 98, 774-780.	3.8	14
25	Incorporation of bioactive glass in calcium phosphate cement: An evaluation. Acta Biomaterialia, 2013, 9, 5728-5739.	8.3	54
26	Bioactivity and cytotoxicity of glass and glass-ceramics based on the 3CaO-P ₂ O ₅ -SiO ₂ -MgO system. Journal of Materials Science: Materials in Medicine, 2013, 24, 2171-2180.	3.6	22
27	Effect of magnesium ion incorporation on the thermal stability, dissolution behavior and bioactivity in Bioglass-derived glasses. Journal of Non-Crystalline Solids, 2013, 382, 57-65.	3.1	50
28	Incorporation of bioactive glass in calcium phosphate cement: Material characterization and <i>in vitro</i> degradation. Journal of Biomedical Materials Research - Part A, 2013, 101A, 2365-2373.	4.0	41
29	Effects of Biosilicate [®] Scaffolds and Low-Level Laser Therapy on the Process of Bone Healing. Photomedicine and Laser Surgery, 2013, 31, 252-260.	2.0	34
30	Histopathological, cytotoxicity and genotoxicity evaluation of Biosilicate [®] glass-ceramic scaffolds. Journal of Biomedical Materials Research - Part A, 2013, 101A, 667-673.	4.0	33
31	Characterization and <i>In Vivo</i> Biological Performance of Biosilicate. BioMed Research International, 2013, 2013, 1-7.	1.9	46
32	Biosilicate [®] -gelatine bone scaffolds by the foam replica technique: development and characterization. Science and Technology of Advanced Materials, 2013, 14, 045008.	6.1	41
33	Effect of 830-nm Laser Phototherapy on Osteoblasts Grown <i>In Vitro</i> on Biosilicate [®] Scaffolds. Photomedicine and Laser Surgery, 2010, 28, 131-133.	2.0	53
34	Surface and bulk residual stresses in Li ₂ O-2SiO ₂ glass-ceramics. Journal of Non-Crystalline Solids, 2007, 353, 2307-2317.	3.1	42