MarÃ-a Canillas

List of Publications by Year
in descending order

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30	490	840776 11	713466 21
papers	citations	h-index	g-index

30	30	30	654
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Self-Photopolymerizable Hydrogelâ€“Ceramic Composites with Scavenger Properties. Polymers, 2022, 14, 1261.	4.5	0
2	Enhancing mechanical properties of hydroxyapatite-reduced graphene oxide nanocomposites by increasing the spark plasma sintering temperature. Inorganic and Nano-Metal Chemistry, 2021, 51, 1580-1590.	1.6	1
3	Characteristics of hydroxyapatite-reduced graphene oxide composite powders synthesized via hydrothermal method in the absence and presence of diethylene glycol. Open Ceramics, 2021, 5, 100067.	2.0	7
4	Synchrotron X-ray microdiffraction to study dental structures in Cretaceous crocodylomorphs. Cretaceous Research, 2021, 128, 104960.	1.4	3
5	Titanium dioxide catalytic activity contributes to the process of free radical scavenging. Journal of Catalysis, 2020, 381, 186-192.	6.2	9
6	Comparison of the effect of argon, hydrogen, and nitrogen gases on the reduced graphene oxide-hydroxyapatite nanocomposites characteristics. BMC Chemistry, 2020, 14, 59.	3.8	6
7	Low temperature consolidation of hydroxyapatite-reduced graphene oxide nano-structured powders. Materials Advances, 2020, 1, 1337-1346.	5.4	7
8	Characterization of hydroxyapatite-reduced graphene oxide nanocomposites consolidated via high frequency induction heat sintering method. Journal of Asian Ceramic Societies, 2020, 8, 1296-1309.	2.3	7
9	Improving the mechanical behavior of reduced graphene oxide/hydroxyapatite nanocomposites using gas injection into powders synthesis autoclave. Scientific Reports, 2020, 10, 8552.	3.3	25
10	Novel Osteoinductive and Osteogenic Scaffolds of Monetite, Amorphous Calcium Phosphate, Hydroxyapatite, and Silica Gel: Influence of the Hydroxyapatite/Monetite Ratio on Their In Vivo Behavior and on Their Physical and Chemical Properties. ACS Biomaterials Science and Engineering, 2020, 6, 3440-3453.	5.2	11
11	Synthesis of Graphene Nanoribbonsâ€“Hydroxyapatite Nanocomposite Applicable in Biomedicine and Theranostics. Journal of Nanotheranostics, 2020, 1, 6-18.	3.1	8
12	Evaluation of Argon-Gas-Injected Solvothermal Synthesis of Hydroxyapatite Crystals Followed by High-Frequency Induction Heat Sintering. Crystal Growth and Design, 2020, 20, 3182-3189.	3.0	15
13	Statistical evaluation of nano-structured hydroxyapatite mechanical characteristics by employing the Vickers indentation technique. Ceramics International, 2020, 46, 20081-20087.	4.8	7
14	Investigating the mechanical behavior of hydroxyapatite-reduced graphene oxide nanocomposite under different loading rates. Nano Express, 2020, 1, 010053.	2.4	8
15	Photopolymerization for filling porous ceramic matrix: Improvement of mechanical properties and drug delivering behavior. Polymer Composites, 2019, 40, 1654-1662.	4.6	2
16	Bulk Ti nitride prepared from rutile TiO2 for its application as stimulation electrode in neuroscience. Materials Science and Engineering C, 2019, 96, 295-301.	7.3	9
17	Effects of hydrothermal pressure on in situ synthesis of 3D graphene- hydroxyapatite nano structured powders. Ceramics International, 2019, 45, 1761-1769.	4.8	32
18	In situ synthesis of three dimensional graphene-hydroxyapatite nano powders via hydrothermal process. Materials Chemistry and Physics, 2019, 222, 251-255.	4.0	31

#	Article	IF	Citations
19	Composite cryogels for dual drug delivery and enhanced mechanical properties. Polymer Composites, 2018, 39, E210.	4.6	17
20	TiO2 surfaces support neuron growth during electric field stimulation. Materials Science and Engineering C, 2017, 79, 1-8.	7.3	8
21	An in vivo study on bone formation behavior of microporous granular calcium phosphate. Biomaterials Science, 2017, 5, 1315-1325.	5.4	18
22	Calcium phosphates for biomedical applications. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2017, 56, 91-112.	1.9	152
23	Processing of hydroxyapatite obtained by combustion synthesis. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2017, 56, 237-242.	1.9	39
24	Scavenging activity of MagnÃ©li phases as a function of Ti⁴⁺/Ti³⁺ratios. Chemical Communications, 2017, 53, 10580-10583.	4.1	3
25	External and internal ontogenetic changes in the first rib. American Journal of Physical Anthropology, 2017, 164, 750-762.	2.1	9
26	Bioactive composites fabricated by freezing-thawing method for bone regeneration applications. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 761-773.	2.1	20
27	Different in vitro behavior of two Ca3(PO4)2 based biomaterials, a glass-ceramic and a ceramic, having the same chemical composition. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2015, 54, 181-188.	1.9	9
28	Materials directed to implants for repairing Central Nervous System. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2014, 53, 249-259.	1.9	0
29	Physico-chemical properties of the Ti5O9 Magneli phase with potential application as a neural stimulation electrode. Journal of Materials Chemistry B, 2013, 1, 6459.	5.8	15
30	Targeting Neural Stem Cells with Titanium Dioxide Nanoparticles Coupled to Specific Monoclonal Antibodies. Journal of Biomaterials Applications, 2012, 26, 1069-1089.	2.4	12