Gloria Belén RamÃ-rez-RodrÃ-guez

List of Publications by Year in descending order

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		516710	477307
32	933	16	29
papers	citations	h-index	g-index
32	32	32	1362
all docs	docs citations	times ranked	citing authors

GLORIA BELéN

#	Article	IF	CITATIONS
1	Inhalation of peptide-loaded nanoparticles improves heart failure. Science Translational Medicine, 2018, 10, .	12.4	132
2	Fluoride-doped amorphous calcium phosphate nanoparticles as a promising biomimetic material for dental remineralization. Scientific Reports, 2018, 8, 17016.	3.3	90
3	Bioinspired negatively charged calcium phosphate nanocarriers for cardiac delivery of MicroRNAs. Nanomedicine, 2016, 11, 891-906.	3.3	89
4	Engineering Biomimetic Calcium Phosphate Nanoparticles: A Green Synthesis of Slow-Release Multinutrient (NPK) Nanofertilizers. ACS Applied Bio Materials, 2020, 3, 1344-1353.	4.6	89
5	The growth mechanism of apatite nanocrystals assisted by citrate: relevance to bone biomineralization. CrystEngComm, 2015, 17, 507-511.	2.6	58
6	Reducing Nitrogen Dosage in Triticum durum Plants with Urea-Doped Nanofertilizers. Nanomaterials, 2020, 10, 1043.	4.1	44
7	Urea-functionalized amorphous calcium phosphate nanofertilizers: optimizing the synthetic strategy towards environmental sustainability and manufacturing costs. Scientific Reports, 2021, 11, 3419.	3.3	40
8	Towards a more sustainable viticulture: foliar application of Nâ€doped calcium phosphate nanoparticles on Tempranillo grapes. Journal of the Science of Food and Agriculture, 2021, 101, 1307-1313.	3.5	38
9	Polymeric 3D scaffolds for tissue regeneration: Evaluation of biopolymer nanocomposite reinforced with cellulose nanofibrils. Materials Science and Engineering C, 2019, 94, 867-878.	7.3	37
10	Evolution of calcium phosphate precipitation in hanging drop vapor diffusion by in situ Raman microspectroscopy. CrystEngComm, 2013, 15, 2206.	2.6	36
11	Biomimetic mineralization of recombinant collagen type I derived protein to obtain hybrid matrices for bone regeneration. Journal of Structural Biology, 2016, 196, 138-146.	2.8	33
12	The role of nanoparticle structure and morphology in the dissolution kinetics and nutrient release of nitrate-doped calcium phosphate nanofertilizers. Scientific Reports, 2020, 10, 12396.	3.3	26
13	Probiotic cellulose: Antibiotic-free biomaterials with enhanced antibacterial activity. Acta Biomaterialia, 2021, 124, 244-253.	8.3	23
14	Biomineralized Recombinant Collagen-Based Scaffold Mimicking Native Bone Enhances Mesenchymal Stem Cell Interaction and Differentiation. Tissue Engineering - Part A, 2017, 23, 1423-1435.	3.1	21
15	Highly stable luminescent europium-doped calcium phosphate nanoparticles for creatinine quantification. Colloids and Surfaces B: Biointerfaces, 2020, 196, 111337.	5.0	20
16	On the amorphous layer in bone mineral and biomimetic apatite: A combined small- and wide-angle X-ray scattering analysis. Acta Biomaterialia, 2021, 120, 167-180.	8.3	20
17	Combined Effect of Citrate and Fluoride Ions on Hydroxyapatite Nanoparticles. Crystal Growth and Design, 2020, 20, 3163-3172.	3.0	16
18	Nanoelicitors with prolonged retention and sustained release to produce beneficial compounds in wines. Environmental Science: Nano, 2021, 8, 3524-3535.	4.3	14

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#	Article	IF	CITATIONS
19	Effect of Methyl Jasmonate Doped Nanoparticles on Nitrogen Composition of Monastrell Grapes and Wines. Biomolecules, 2021, 11, 1631.	4.0	14
20	Natural polymers for bone repair. , 2019, , 199-232.		11
21	Antiparasitic, anti-inflammatory and cytotoxic activities of 2D coordination polymers based on 1H-indazole-5-carboxylic acid. Journal of Inorganic Biochemistry, 2020, 208, 111098.	3.5	11
22	Organic/inorganic hydrogels by simultaneous self-assembly and mineralization of aromatic short-peptides. Inorganic Chemistry Frontiers, 2022, 9, 743-752.	6.0	11
23	Atmospheric water triggers supramolecular gel formation of novel low molecular weight maslinic and oleanolic triterpenic derivatives. Materials Chemistry Frontiers, 2019, 3, 2637-2646.	5.9	10
24	pH-responsive collagen fibrillogenesis in confined droplets induced by vapour diffusion. Journal of Materials Science: Materials in Medicine, 2014, 25, 2305-2312.	3.6	9
25	Entrapping Living Probiotics into Collagen Scaffolds: A New Class of Biomaterials for Antibioticâ€Free Therapy of Bacterial Vaginosis. Advanced Materials Technologies, 2020, 5, 2000137.	5.8	9
26	Biomimetic Mineralization Promotes Viability and Differentiation of Human Mesenchymal Stem Cells in a Perfusion Bioreactor. International Journal of Molecular Sciences, 2021, 22, 1447.	4.1	9
27	2D-Coordination polymers based on 1 <i>H</i> -indazole-4-carboxylic acid and transition metal ions: magnetic, luminescence and biological properties. CrystEngComm, 2020, 22, 5086-5095.	2.6	8
28	Year, watering regime and foliar methyl jasmonate doped nanoparticles treatments: Effects on must nitrogen compounds in Monastrell grapes. Scientia Horticulturae, 2022, 297, 110944.	3.6	7
29	Photoluminescent Coordination Polymers Based on Group 12 Metals and 1H-Indazole-6-Carboxylic Acid. Inorganics, 2021, 9, 20.	2.7	5
30	2015 4thTERMIS World CongressBoston, MassachusettsSeptember 8–11, 2015. Tissue Engineering - Part A, 2015, 21, S-1-S-413.	3.1	2
31	Biomimetic mineralization of synthetic collagen-like peptide: a bottom-up approach to design advanced nanocomposite scaffolds for tissue engineering. Frontiers in Bioengineering and Biotechnology, 0, 4, .	4.1	1
32	Bio-inspired negatively-charged calcium phosphate nanocarriers for cardiac delivery of therapeutic molecules. Frontiers in Bioengineering and Biotechnology, 0, 4, .	4.1	0