Mercedes Vila

List of Publications by Year
in descending order

17	876	759233 12	888059 17
papers	citations	h-index	g-index

17	17	17	2065
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanoâ€Graphene Oxide: A Potential Multifunctional Platform for Cancer Therapy. Advanced Healthcare Materials, 2013, 2, 1072-1090.	7.6	154
2	Endocytic Mechanisms of Graphene Oxide Nanosheets in Osteoblasts, Hepatocytes and Macrophages. ACS Applied Materials & Interfaces, 2014, 6, 13697-13706.	8.0	147
3	The effects of graphene oxide nanosheets localized on F-actin filaments on cell-cycle alterations. Biomaterials, 2013, 34, 1562-1569.	11.4	130
4	Breakdown into nanoscale of graphene oxide: Confined hot spot atomic reduction and fragmentation. Scientific Reports, 2014, 4, 6735.	3.3	105
5	Optimized graphene oxide foam with enhanced performance and high selectivity for mercury removal from water. Journal of Hazardous Materials, 2016, 301, 453-461.	12.4	89
6	Hydroxyapatite foams for the immobilization of heavy metals: From waters to the human body. Inorganica Chimica Acta, 2012, 393, 24-35.	2.4	51
7	Aqueous Exfoliation of Transition Metal Dichalcogenides Assisted by DNA/RNA Nucleotides: Catalytically Active and Biocompatible Nanosheets Stabilized by Acidâ€“Base Interactions. ACS Applied Materials & Interfaces, 2017, 9, 2835-2845.	8.0	33
8	Macrophage inflammatory and metabolic responses to graphene-based nanomaterials differing in size and functionalization. Colloids and Surfaces B: Biointerfaces, 2020, 186, 110709.	5.0	30
9	Biological performance of hydroxyapatiteâ€“biopolymer foams: In vitro cell response. Acta Biomaterialia, 2012, 8, 802-810.	8.3	29
10	Parathyroid hormone-related protein (107-111) improves the bone regeneration potential of gelatinâ€“glutaraldehyde biopolymer-coated hydroxyapatite. Acta Biomaterialia, 2014, 10, 3307-3316.	8.3	28
11	3D silicon doped hydroxyapatite scaffolds decorated with Elastin-like Recombinamers for bone regenerative medicine. Acta Biomaterialia, 2016, 45, 349-356.	8.3	22
12	MC3T3-E1 pre-osteoblast response and differentiation after graphene oxide nanosheet uptake. Colloids and Surfaces B: Biointerfaces, 2017, 158, 33-40.	5.0	19
13	Nanographene Oxide Functionalization with Organic and Hybrid Organicâ€“Inorganic Polymers by Molecular Layer Deposition. Journal of Physical Chemistry C, 2016, 120, 24176-24186.	3.1	11
14	Metabolomic response of osteosarcoma cells to nanographene oxide-mediated hyperthermia. Materials Science and Engineering C, 2018, 91, 340-348.	7.3	10
15	Eco-friendly profile of pegylated nano-graphene oxide at different levels of an aquatic trophic chain. Ecotoxicology and Environmental Safety, 2018, 162, 192-200.	6.0	10
16	In-situ carboxylation of graphene by chemical vapor deposition growth for biosensing. Carbon, 2019, 141, 719-727.	10.3	7
17	Cytotoxicity of Nucleotide-Stabilized Graphene Dispersions on Osteosarcoma and Healthy Cells: On the Way to Safe Theranostics Agents. ACS Applied Bio Materials, 2021, 4, 4384-4393.	4.6	1