Paulo Siani

List of Publications by Year
in descending order

11 papers	217 citations	1477746 6 h-index	1281420 11 g-index
11 all docs	11 docs citations	11 times ranked	754 citing authors

#	Article	IF	Citations
1	Effect of dopamine-functionalization, charge and pH on protein corona formation around TiO₂ nanoparticles. Nanoscale, 2022, 14, 5121-5137.	2.8	10
2	Molecular dynamics simulations of cRGD-conjugated PEGylated TiO2 nanoparticles for targeted photodynamic therapy. Journal of Colloid and Interface Science, 2022, 627, 126-141.	5.0	8
3	Multiscale simulations of the hydration shells surrounding spherical Fe₃O₄nanoparticles and effect on magnetic properties. Nanoscale, 2021, 13, 9293-9302.	2.8	5
4	Exploring the drug loading mechanism of photoactive inorganic nanocarriers through molecular dynamics simulations. Nanoscale, 2021, 13, 13000-13013.	2.8	4
5	Parametrization of the Feâ€“Owater cross-interaction for a more accurate Fe3O4/water interface model and its application to a spherical Fe3O4 nanoparticle of realistic size. Journal of Chemical Physics, 2021, 154, 034702.	1.2	3
6	Dopamine-Decorated TiO₂ Nanoparticles in Water: A QM/MM vs an MM Description. Journal of Chemical Theory and Computation, 2020, 16, 6560-6574.	2.3	6
7	Insight into the interface between Fe3O4 (001) surface and water overlayers through multiscale molecular dynamics simulations. Journal of Chemical Physics, 2020, 152, 124711.	1.2	14
8	Parallel damage in mitochondria and lysosomes is an efficient way to photoinduce cell death. Autophagy, 2019, 15, 259-279.	4.3	111
9	Parameterization of a coarse-grained model of cholesterol with point-dipole electrostatics. Journal of Computer-Aided Molecular Design, 2018, 32, 1259-1271.	1.3	5
10	Methylene Blue Location in (Hydroperoxized) Cardiolipin Monolayer: Implication in Membrane Photodegradation. Journal of Physical Chemistry B, 2017, 121, 8512-8522.	1.2	10
11	An overview of molecular dynamics simulations of oxidized lipid systems, with a comparison of ELBA and MARTINI force fields for coarse grained lipid simulations. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 2498-2511.	1.4	41