

Davide Staedler

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

718
citations

687363

13
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

1276
citing authors

#	ARTICLE	IF	CITATIONS
1	Harmonic Nanocrystals for Biolabeling: A Survey of Optical Properties and Biocompatibility. ACS Nano, 2012, 6, 2542-2549.	14.6	174
2	Drug combinations with quercetin: doxorubicin plus quercetin in human breast cancer cells. Cancer Chemotherapy and Pharmacology, 2011, 68, 1161-1172.	2.3	125
3	Total Synthesis and Biological Evaluation of Jerantinine. Angewandte Chemie - International Edition, 2013, 52, 13373-13376.	13.8	50
4	Exposure to New Emerging Bisphenols Among Young Children in Switzerland. International Journal of Environmental Research and Public Health, 2020, 17, 4793.	2.6	42
5	Simultaneous Multiharmonic Imaging of Nanoparticles in Tissues for Increased Selectivity. ACS Photonics, 2015, 2, 1416-1422.	6.6	34
6	Cellular uptake and biocompatibility of bismuth ferrite harmonic advanced nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 815-824.	3.3	33
7	Tumor necrosis factor- α activates estrogen signaling pathways in endometrial epithelial cells via estrogen receptor α . Molecular and Cellular Endocrinology, 2011, 345, 27-37.	3.2	32
8	Nonlinear optical and magnetic properties of BiFeO ₃ harmonic nanoparticles. Journal of Applied Physics, 2014, 116, .	2.5	32
9	Cytotoxic Effects of Combination of Oxidosqualene Cyclase Inhibitors with Atorvastatin in Human Cancer Cells. Journal of Medicinal Chemistry, 2012, 55, 4990-5002.	6.4	25
10	Covalent Cell Surface Functionalization of Human Fetal Osteoblasts for Tissue Engineering. Bioconjugate Chemistry, 2011, 22, 1422-1432.	3.6	22
11	Chemical Functionalization of Bioceramics To Enhance Endothelial Cells Adhesion for Tissue Engineering. Journal of Medicinal Chemistry, 2012, 55, 7988-7997.	6.4	21
12	Convenient synthesis of heterobifunctional poly(ethylene glycol) suitable for the functionalization of iron oxide nanoparticles for biomedical applications. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5006-5010.	2.2	20
13	Multiorde r Nonlinear Mixing in Metal Oxide Nanoparticles. Nano Letters, 2020, 20, 8725-8732.	9.1	20
14	Functionalization of Microstructured Open-Porous Bioceramic Scaffolds with Human Fetal Bone Cells. Bioconjugate Chemistry, 2012, 23, 2278-2290.	3.6	14
15	Wavelength-Selective Nonlinear Imaging and Photo-Induced Cell Damage by Dielectric Harmonic Nanoparticles. ACS Nano, 2020, 14, 4087-4095.	14.6	13
16	Deep UV generation and direct DNA photo-interaction by harmonic nanoparticles in labelled samples. Nanoscale, 2014, 6, 2929-2936.	5.6	12
17	Functionalized bismuth ferrite harmonic nanoparticles for cancer cells labeling and imaging. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	12
18	Differential stress reaction of human colon cells to oleic-acid-stabilized and unstabilized ultrasmall iron oxide nanoparticles. International Journal of Nanomedicine, 2014, 9, 3481.	6.7	11

#	ARTICLE	IF	CITATIONS
19	Assessing the Dynamics of Organic Aerosols over the North Atlantic Ocean. Scientific Reports, 2017, 7, 45476.	3.3	11
20	Inhibitor-conjugated harmonic nanoparticles targeting fibroblast activation protein. RSC Advances, 2019, 9, 31659-31669.	3.6	6
21	Concentrations of Seven Phthalate Monoesters in Infants and Toddlers Quantified in Urine Extracted from Diapers. International Journal of Environmental Research and Public Health, 2021, 18, 6806.	2.6	6
22	Real-time monitoring of bacterial and organic pollution in a water stream by fluorescence depletion spectroscopy. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	3
23	Harmonic nanoparticles for nonlinear bio-imaging and detection. Proceedings of SPIE, 2013, , .	0.8	0
24	Surface Modification of Biomaterials for Conjugation with Human Fetal Osteoblasts. Chimia, 2013, 67, 213.	0.6	0
25	Assessment of cytotoxicity and oxidative effect of Bismuth Ferrite (BFO) harmonic nanoparticles for localized DNA photo-interaction. , 2014, , .		0
26	Recent Developments on the Use of Nanomaterials for the Treatment of Epilepsy. Mini-Reviews in Medicinal Chemistry, 2021, 21, .	2.4	0