Yuran Huang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/12072714/publications.pdf

Version: 2024-02-01

16 papers	2,073 citations	567281 15 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	4341 citing authors

#	Article	IF	Citations
1	pH-Sensitive nano-systems for drug delivery in cancer therapy. Biotechnology Advances, 2014, 32, 693-710.	11.7	887
2	Biomedical nanomaterials for imaging-guided cancer therapy. Nanoscale, 2012, 4, 6135.	5.6	197
3	TiO2 nanotubes as drug nanoreservoirs for the regulation of mobility and differentiation of mesenchymal stem cells. Acta Biomaterialia, 2012, 8, 439-448.	8.3	142
4	Regulation of the differentiation of mesenchymal stem cells inÂvitro and osteogenesis inÂvivo by microenvironmental modification of titanium alloyÂsurfaces. Biomaterials, 2012, 33, 3515-3528.	11.4	131
5	Structure and Function of Iron-Loaded Synthetic Melanin. ACS Nano, 2016, 10, 10186-10194.	14.6	127
6	Mimicking Melanosomes: Polydopamine Nanoparticles as Artificial Microparasols. ACS Central Science, 2017, 3, 564-569.	11.3	118
7	Tunable, Metal-Loaded Polydopamine Nanoparticles Analyzed by Magnetometry. Chemistry of Materials, 2017, 29, 8195-8201.	6.7	80
8	Polycatechol Nanoparticle MRI Contrast Agents. Small, 2016, 12, 668-677.	10.0	64
9	Gadolinium Doping Enhances the Photoacoustic Signal of Synthetic Melanin Nanoparticles: A Dual Modality Contrast Agent for Stem Cell Imaging. Chemistry of Materials, 2019, 31, 251-259.	6.7	64
10	Simultaneous Enhancement of Photoluminescence, MRI Relaxivity, and CT Contrast by Tuning the Interfacial Layer of Lanthanide Heteroepitaxial Nanoparticles. Nano Letters, 2017, 17, 4873-4880.	9.1	61
11	Polymer-Stabilized Perfluorobutane Nanodroplets for Ultrasound Imaging Agents. Journal of the American Chemical Society, 2017, 139, 15-18.	13.7	59
12	High Relaxivity Gadoliniumâ€Polydopamine Nanoparticles. Small, 2017, 13, 1701830.	10.0	48
13	Leveraging Spectral Matching between Photosensitizers and Upconversion Nanoparticles for 808 nm-Activated Photodynamic Therapy. Chemistry of Materials, 2018, 30, 3991-4000.	6.7	46
14	Multifunctional Metal Rattle-Type Nanocarriers for MRI-Guided Photothermal Cancer Therapy. Molecular Pharmaceutics, 2014, 11, 3386-3394.	4.6	32
15	Enzyme-regulated topology of a cyclic peptide brush polymer for tuning assembly. Chemical Communications, 2015, 51, 17108-17111.	4.1	17
16	Multifunctional metal rattle-type nanocarriers for MRI-guided photothermal cancer therapy. Proceedings of SPIE, 2015, , .	0.8	0