

Yue Hu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

872
citations

758635

12
h-index

1125271

13
g-index

13
all docs

13
docs citations

13
times ranked

1637
citing authors

#	ARTICLE	IF	CITATIONS
1	Transformation of Biomass DNA into Biodegradable Materials from Gels to Plastics for Reducing Petrochemical Consumption. <i>Journal of the American Chemical Society</i> , 2020, 142, 10114-10124.	6.6	66
2	Dynamic DNA material with emergent locomotion behavior powered by artificial metabolism. <i>Science Robotics</i> , 2019, 4, .	9.9	52
3	Colloidal plasmonic gold nanoparticles and gold nanorings: shape-dependent generation of singlet oxygen and their performance in enhanced photodynamic cancer therapy. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2065-2078.	3.3	29
4	Bioresponsive DNA Hydrogels: Beyond the Conventional Stimuli Responsiveness. <i>Accounts of Chemical Research</i> , 2017, 50, 733-739.	7.6	186
5	Targeting Antitumor Immune Response for Enhancing the Efficacy of Photodynamic Therapy of Cancer: Recent Advances and Future Perspectives. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-11.	1.9	56
6	Gold nanoring-enhanced generation of singlet oxygen: an intricate correlation with surface plasmon resonance and polyelectrolyte bilayers. <i>RSC Advances</i> , 2016, 6, 104819-104826.	1.7	12
7	Synergistic Integration of Layer-by-Layer Assembly of Photosensitizer and Gold Nanorings for Enhanced Photodynamic Therapy in the Near Infrared. <i>ACS Nano</i> , 2015, 9, 8744-8754.	7.3	43
8	Gold nanoparticle-enhanced photodynamic therapy: effects of surface charge and mitochondrial targeting. <i>Therapeutic Delivery</i> , 2015, 6, 307-321.	1.2	43
9	Evaluation of photodynamic therapy efficiency using an in vitro three-dimensional microfluidic breast cancer tissue model. <i>Lab on A Chip</i> , 2015, 15, 735-744.	3.1	89
10	Intracellular gold nanoparticle aggregation and their potential applications in photodynamic therapy. <i>Chemical Communications</i> , 2014, 50, 7287.	2.2	55
11	Monodisperse Colloidal Gold Nanorings: Synthesis and Utility for Surface-Enhanced Raman Scattering. <i>Journal of Physical Chemistry C</i> , 2014, 118, 16011-16018.	1.5	23
12	Colloidal gold nanorings for improved photodynamic therapy through field-enhanced generation of reactive oxygen species. <i>Proceedings of SPIE</i> , 2013, , .	0.8	1
13	Gold Nanoparticle-Enhanced and Size-Dependent Generation of Reactive Oxygen Species from Protoporphyrin IX. <i>ACS Nano</i> , 2012, 6, 1939-1947.	7.3	217