

Yue Hu

List of Publications by Year in descending order

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