

# Xiaohua Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/605507/publications.pdf>

Version: 2024-02-01

30  
papers

5,329  
citations

257450

24  
h-index

454955

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

9463  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold Nanorods: From Synthesis and Properties to Biological and Biomedical Applications. <i>Advanced Materials</i> , 2009, 21, 4880-4910.	21.0	1,666
2	Gold nanorod assisted near-infrared plasmonic photothermal therapy (PPTT) of squamous cell carcinoma in mice. <i>Cancer Letters</i> , 2008, 269, 57-66.	7.2	1,044
3	Ratiometric optical nanoprobe enable accurate molecular detection and imaging. <i>Chemical Society Reviews</i> , 2018, 47, 2873-2920.	38.1	579
4	A Reexamination of Active and Passive Tumor Targeting by Using Rod-Shaped Gold Nanocrystals and Covalently Conjugated Peptide Ligands. <i>ACS Nano</i> , 2010, 4, 5887-5896.	14.6	395
5	Plasmonic photo-thermal therapy (PPTT). <i>Alexandria Journal of Medicine</i> , 2011, 47, 1-9.	0.6	338
6	Molecular Detection and Analysis of Exosomes Using Surface-Enhanced Raman Scattering Gold Nanorods and a Miniaturized Device. <i>Theranostics</i> , 2018, 8, 2722-2738.	10.0	173
7	Cr(VI) removal by magnetic carbon nanocomposites derived from cellulose at different carbonization temperatures. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9817-9825.	10.3	116
8	Near-Infrared-Absorbing Gold Nanopopcorns with Iron Oxide Cluster Core for Magnetically Amplified Photothermal and Photodynamic Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 11637-11647.	8.0	107
9	Gold Nanorods Carrying Paclitaxel for Photothermal-Chemotherapy of Cancer. <i>Bioconjugate Chemistry</i> , 2013, 24, 376-386.	3.6	105
10	Magnetic graphene oxide nanocomposites: nanoparticles growth mechanism and property analysis. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9478-9488.	5.5	92
11	Size- and Shape-Controlled Synthesis and Properties of Magnetic "Plasmonic Core" Shell Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2016, 120, 10530-10546.	3.1	86
12	Synthesis and properties of magnetic-optical core-shell nanoparticles. <i>RSC Advances</i> , 2017, 7, 17137-17153.	3.6	82
13	Nanotechnology for enrichment and detection of circulating tumor cells. <i>Nanomedicine</i> , 2015, 10, 1973-1990.	3.3	70
14	Carboxyl Multiwalled Carbon Nanotube Stabilized Palladium Nanocatalysts toward Improved Methanol Oxidation Reaction. <i>ChemElectroChem</i> , 2015, 2, 559-570.	3.4	49
15	Gold Nanoparticle Based Platforms for Circulating Cancer Marker Detection. <i>Nanotheranostics</i> , 2017, 1, 80-102.	5.2	48
16	Immunomagnetic Capture and Multiplexed Surface Marker Detection of Circulating Tumor Cells with Magnetic Multicolor Surface-Enhanced Raman Scattering Nanotags. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 47220-47232.	8.0	45
17	Electropolymerized Polypyrrole Nanocoatings on Carbon Paper for Electrochemical Energy Storage. <i>ChemElectroChem</i> , 2015, 2, 119-126.	3.4	43
18	Photosensitizer-loaded gold nanorods for near infrared photodynamic and photothermal cancer therapy. <i>Journal of Colloid and Interface Science</i> , 2016, 469, 8-16.	9.4	42

#	ARTICLE	IF	CITATIONS
19	Dielectric properties and magnetoresistance behavior of polyaniline coated carbon fabrics. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3989-3998.	5.5	37
20	Impact of Core Dielectric Properties on the Localized Surface Plasmonic Spectra of Gold-Coated Magnetic Core-Shell Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14076-14084.	2.6	35
21	Capture and detection of cancer cells in whole blood with magnetic-optical nanoovals. <i>Nanomedicine</i> , 2014, 9, 593-606.	3.3	33
22	Gold Nanorod-Assisted Photothermal Therapy and Improvement Strategies. <i>Bioengineering</i> , 2022, 9, 200.	3.5	33
23	Dependence of SERS enhancement on the chemical composition and structure of Ag/Au hybrid nanoparticles. <i>Journal of Chemical Physics</i> , 2016, 145, 054706.	3.0	30
24	Synthesis and properties of near infrared-absorbing magnetic-optical nanopins. <i>Nanoscale</i> , 2012, 4, 4939.	5.6	27
25	Small mode volume plasmonic film-coupled nanostar resonators. <i>Nanoscale Advances</i> , 2020, 2, 2397-2403.	4.6	15
26	Exosomal Surface Protein Detection with Quantum Dots and Immunomagnetic Capture for Cancer Detection. <i>Nanomaterials</i> , 2021, 11, 1853.	4.1	14
27	A Synthetic Disaccharide Derivative of Diphyllin, TAARD, Activates Human Natural Killer Cells to Secrete Interferon-Gamma via Toll-Like Receptor-Mediated NF- $\kappa$ B and STAT3 Signaling Pathways. <i>Frontiers in Immunology</i> , 2018, 9, 1509.	4.8	9
28	Near-field and far-field optical properties of magnetic plasmonic core-shell nanoparticles with non-spherical shapes: A discrete dipole approximation study. <i>AIP Advances</i> , 2019, 9, 025021.	1.3	8
29	Insights on the Coupling of Plasmonic Nanoparticles from Near-Field Spectra Determined via Discrete Dipole Approximations. <i>Journal of Physical Chemistry C</i> , 2021, 125, 5260-5268.	3.1	6
30	Gold Nanorods for Diagnostics and Photothermal Therapy of Cancer. , 2017, , 627-650.		0