

Duyang Gao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7470770/publications.pdf>

Version: 2024-02-01

37
papers

1,897
citations

331259

21
h-index

329751

37
g-index

37
all docs

37
docs citations

37
times ranked

3211
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart Human Serum Albumin-Indocyanine Green Nanoparticles Generated by Programmed Assembly for Dual-Modal Imaging-Guided Cancer Synergistic Phototherapy. <i>ACS Nano</i> , 2014, 8, 12310-12322.	7.3	632
2	Enhanced Phototherapy by Nanoparticle-Enzyme via Generation and Photolysis of Hydrogen Peroxide. <i>Nano Letters</i> , 2017, 17, 4323-4329.	4.5	188
3	Highly absorbing multispectral near-infrared polymer nanoparticles from one conjugated backbone for photoacoustic imaging and photothermal therapy. <i>Biomaterials</i> , 2017, 144, 42-52.	5.7	107
4	Activatable NIR-II photoacoustic imaging and photochemical synergistic therapy of MRSA infections using miniature Au/Ag nanorods. <i>Biomaterials</i> , 2020, 251, 120092.	5.7	72
5	Designing nanoscaled hybrids from atomic layered boron nitride with silver nanoparticle deposition. <i>Journal of Materials Chemistry A</i> , 2014, 2, 3148.	5.2	65
6	Ultras-small theranostic nanozymes to modulate tumor hypoxia for augmenting photodynamic therapy and radiotherapy. <i>Biomaterials Science</i> , 2020, 8, 973-987.	2.6	54
7	Site-Selective Trimetallic Heterogeneous Nanostructures for Enhanced Electrocatalytic Performance. <i>Advanced Materials</i> , 2015, 27, 5573-5577.	11.1	50
8	Protein-Modified CuS Nanotriangles: A Potential Multimodal Nanoplatform for In Vivo Tumor Photoacoustic/Magnetic Resonance Dual-Modal Imaging. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601094.	3.9	50
9	High-Specificity In Vivo Tumor Imaging Using Bioorthogonal NIR-II Nanoparticles. <i>Advanced Materials</i> , 2021, 33, e2102950.	11.1	46
10	Engineering a protein-based nanoplatform as an antibacterial agent for light activated dual-modal photothermal and photodynamic therapy of infection in both the NIR I and II windows. <i>Journal of Materials Chemistry B</i> , 2018, 6, 732-739.	2.9	42
11	Metabolizable Near-Infrared-II Nanoprobes for Dynamic Imaging of Deep-Seated Tumor-Associated Macrophages in Pancreatic Cancer. <i>ACS Nano</i> , 2021, 15, 10010-10024.	7.3	40
12	Two schemes for quantitative photoacoustic tomography based on Monte Carlo simulation. <i>Medical Physics</i> , 2016, 43, 3987-3997.	1.6	39
13	Active-Targeting NIR-II Phototheranostics in Multiple Tumor Models Using Platelet-Camouflaged Nanoprobes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55624-55637.	4.0	39
14	Temperature-Feedback Nanoplatform for NIR-II Pentamodal Imaging-Guided Synergistic Photothermal Therapy and CAR-TNK Immunotherapy of Lung Cancer. <i>Small</i> , 2021, 17, e2101397.	5.2	38
15	Compact chelator-free Ni-integrated CuS nanoparticles with tunable near-infrared absorption and enhanced relaxivity for in vivo dual-modal photoacoustic/MR imaging. <i>Nanoscale</i> , 2015, 7, 17631-17636.	2.8	37
16	A PIID-DTBT based semi-conducting polymer dots with broad and strong optical absorption in the visible-light region: Highly effective contrast agents for multiscale and multi-spectral photoacoustic imaging. <i>Nano Research</i> , 2017, 10, 64-76.	5.8	36
17	Highly Bright and Compact Alloyed Quantum Rods with Near Infrared Emitting: a Potential Multifunctional Nanoplatform for Multimodal Imaging In Vivo. <i>Advanced Functional Materials</i> , 2014, 24, 3897-3905.	7.8	34
18	Centimeter-Deep NIR-II Fluorescence Imaging with Nontoxic AIE Probes in Nonhuman Primates. <i>Research</i> , 2020, 2020, 4074593.	2.8	33

#	ARTICLE	IF	CITATIONS
19	Recent advances in functional nanomaterials for photoacoustic imaging of glioma. <i>Nanoscale Horizons</i> , 2019, 4, 1037-1045.	4.1	24
20	Regulating the color output and simultaneously enhancing the intensity of upconversion nanoparticles via a dye sensitization strategy. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8607-8615.	2.7	23
21	pH-sensitive loaded retinal/indocyanine green micelles as an "all-in-one" theranostic agent for multi-modal imaging in vivo guided cellular senescence-photothermal synergistic therapy. <i>Chemical Communications</i> , 2019, 55, 6209-6212.	2.2	23
22	Albumin-Consolidated AIEgens for Boosting Glioma and Cerebrovascular NIR-II Fluorescence Imaging. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 3-13.	4.0	23
23	Suicide-related behaviours in schizophrenia in China: a comprehensive meta-analysis. <i>Epidemiology and Psychiatric Sciences</i> , 2019, 28, 290-299.	1.8	22
24	Targeting immune checkpoint B7-H3 antibody-chlorin e6 bioconjugates for spectroscopic photoacoustic imaging and photodynamic therapy. <i>Chemical Communications</i> , 2019, 55, 14255-14258.	2.2	21
25	NIR II-Excited and pH-Responsive Ultrasmall Nanoplatform for Deep Optical Tissue and Drug Delivery Penetration and Effective Cancer Chemophototherapy. <i>Molecular Pharmaceutics</i> , 2020, 17, 3720-3729.	2.3	20
26	Toward edges-rich MoS ₂ layers via chemical liquid exfoliation triggering distinctive magnetism. <i>Materials Research Letters</i> , 2017, 5, 267-275.	4.1	19
27	Iron oxide nanoparticles protected by NIR-active multidentate-polymers as multifunctional nanoprobes for NIRF/PA/MR trimodal imaging. <i>Nanoscale</i> , 2016, 8, 775-779.	2.8	18
28	Recent advances in glioma microenvironment-response nanoplatforms for phototherapy and sonotherapy. <i>Pharmacological Research</i> , 2022, 179, 106218.	3.1	18
29	Protein-modified conjugated polymer nanoparticles with strong near-infrared absorption: a novel nanoplatform to design multifunctional nanoprobes for dual-modal photoacoustic and fluorescence imaging. <i>Nanoscale</i> , 2018, 10, 19742-19748.	2.8	17
30	Multifunctional conjugated polymer nanoparticles for photoacoustic-based multimodal imaging and cancer photothermal therapy. <i>Journal of Innovative Optical Health Sciences</i> , 2019, 12, .	0.5	14
31	Engineering biocompatible benzodithiophene-based polymer dots with tunable absorptions as high-efficiency theranostic agents for multiscale photoacoustic imaging-guided photothermal therapy. <i>Biomaterials Science</i> , 2019, 7, 1486-1492.	2.6	12
32	Semiconductor Polymer Dots Induce Proliferation in Human Gastric Mucosal and Adenocarcinoma Cells. <i>Macromolecular Bioscience</i> , 2015, 15, 318-327.	2.1	10
33	PEGylated liposomal photosensitizers as theranostic agents for dual-modal photoacoustic and fluorescence imaging-guided photodynamic therapy. <i>Journal of Innovative Optical Health Sciences</i> , 2019, 12, .	0.5	10
34	Intravital NIR-II three-dimensional photoacoustic imaging of biomineralized copper sulfide nanoprobes. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3005-3014.	2.9	10
35	Ultrasmall paramagnetic near infrared quantum dots as dual modal nanoprobes. <i>RSC Advances</i> , 2013, 3, 21247.	1.7	5
36	Cell-Membrane Biomimetic Indocyanine Green Liposomes for Phototheranostics of Echinococcosis. <i>Biosensors</i> , 2022, 12, 311.	2.3	5

#	ARTICLE	IF	CITATIONS
37	Neurotoxin-directed synthesis and in vitro evaluation of Au nanoclusters. RSC Advances, 2015, 5, 29647-29652.	1.7	1