

Heng Guo

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,212
citations

567281

15
h-index

501196

28
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docs citations

30
times ranked

1185
citing authors

#	ARTICLE	IF	CITATIONS
1	Mo ₂ CDerived Polyoxometalate for NIR-Photoacoustic Imaging-Guided Chemodynamic/Photothermal Synergistic Therapy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18641-18646.	13.8	281
2	An All-Round Athlete on the Track of Phototheranostics: Subtly Regulating the Balance between Radiative and Nonradiative Decays for Multimodal Imaging-Guided Synergistic Therapy. <i>Advanced Materials</i> , 2020, 32, e2003210.	21.0	259
3	Infection microenvironment-activated nanoparticles for NIR-II photoacoustic imaging-guided photothermal/chemodynamic synergistic anti-infective therapy. <i>Biomaterials</i> , 2021, 275, 120918.	11.4	110
4	Portable optical resolution photoacoustic microscopy (pORPAM) for human oral imaging. <i>Optics Letters</i> , 2017, 42, 4434.	3.3	74
5	Making the Best Use of Excited-State Energy: Multimodality Theranostic Systems Based on Second Near-Infrared (NIR-II) Aggregation-Induced Emission Luminogens (AIEgens). , 2020, 2, 1033-1040.		60
6	One-for-all phototheranostics: Single component AIE dots as multi-modality theranostic agent for fluorescence-photoacoustic imaging-guided synergistic cancer therapy. <i>Biomaterials</i> , 2021, 274, 120892.	11.4	55
7	Photoacoustic endomicroscopy based on a MEMS scanning mirror. <i>Optics Letters</i> , 2017, 42, 4615.	3.3	45
8	Photoacoustic endoscopy: A progress review. <i>Journal of Biophotonics</i> , 2020, 13, e202000217.	2.3	40
9	Side-Chain-Tuned Molecular Packing Allows Concurrently Boosted Photoacoustic Imaging and NIR-Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	28
10	Utilizing Polymer Micelle to Control Dye J-aggregation and Enhance Its Theranostic Capability. <i>IScience</i> , 2019, 22, 229-239.	4.1	26
11	<i>In vivo</i> oral imaging with integrated portable photoacoustic microscopy and optical coherence tomography. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	21
12	Mo ₂ CDerived Polyoxometalate for NIR-Photoacoustic Imaging-Guided Chemodynamic/Photothermal Synergistic Therapy. <i>Angewandte Chemie</i> , 2019, 131, 18814-18819.	2.0	20
13	Whole-body multispectral photoacoustic imaging of adult zebrafish. <i>Biomedical Optics Express</i> , 2016, 7, 3543.	2.9	19
14	Assessing the development and treatment of rheumatoid arthritis using multiparametric photoacoustic and ultrasound imaging. <i>Journal of Biophotonics</i> , 2019, 12, e201900127.	2.3	18
15	Assessing hemorrhagic shock: Feasibility of using an ultracompact photoacoustic microscope. <i>Journal of Biophotonics</i> , 2019, 12, e201800348.	2.3	17
16	Portable optical-resolution photoacoustic microscopy for volumetric imaging of multiscale organisms. <i>Journal of Biophotonics</i> , 2018, 11, e201700250.	2.3	16
17	Thermoacoustic endoscopy. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	15
18	Efficient and precise delivery of microRNA by photoacoustic force generated from semiconducting polymer-based nanocarriers. <i>Biomaterials</i> , 2021, 275, 120907.	11.4	15

#	ARTICLE	IF	CITATIONS
19	Design and evaluation of a compound acoustic lens for photoacoustic computed tomography. <i>Biomedical Optics Express</i> , 2017, 8, 2756.	2.9	14
20	In vivo study of rat cortical hemodynamics using a stereotaxicâ€‘apparatusâ€‘compatible photoacoustic microscope. <i>Journal of Biophotonics</i> , 2018, 11, e201800067.	2.3	13
21	Photoacoustic Imaging of Brain Functions: Wide Filedâ€‘ofâ€‘View Functional Imaging with High Spatiotemporal Resolution. <i>Laser and Photonics Reviews</i> , 2022, 16, .	8.7	13
22	Donor strategy for promoting nonradiative decay to achieve an efficient photothermal therapy for treating cancer. <i>Science China Chemistry</i> , 2021, 64, 1530-1539.	8.2	12
23	Miniaturized Optical Resolution Photoacoustic Microscope Based on a Microelectromechanical Systems Scanning Mirror. <i>Micromachines</i> , 2018, 9, 288.	2.9	10
24	Co-registered photoacoustic and ultrasound imaging for tongue cancer detection. <i>Journal of Innovative Optical Health Sciences</i> , 2018, 11, .	1.0	8
25	Photoacoustic Forceâ€‘Guided Precise and Fast Delivery of Nanomedicine with Boosted Therapeutic Efficacy. <i>Advanced Science</i> , 2021, 8, 2100228.	11.2	6
26	Allâ€‘inâ€‘One Photoacoustic Theranostics Using Multiâ€‘Functional Nanoparticles. <i>Advanced Functional Materials</i> , 2022, 32, 2107624.	14.9	6
27	Thermal degradation kinetics of poly(arylene ether nitrile) and its cross-linked polymer. <i>High Performance Polymers</i> , 2017, 29, 211-217.	1.8	3
28	Visualization of blood-brain barrier disruption with dual-wavelength high-resolution photoacoustic microscopy. <i>Biomedical Optics Express</i> , 2022, 13, 1537.	2.9	3
29	Photoacousticâ€‘triggered nanomedicine delivery to internal organs using a dualâ€‘wavelength laparoscope. <i>Journal of Biophotonics</i> , 2022, 15, .	2.3	3
30	Sideâ€‘Chainâ€‘Tuned Molecular Packing Allows Concurrently Boosted Photoacoustic Imaging and NIRâ€‘Fluorescence. <i>Angewandte Chemie</i> , 0, , .	2.0	2