

# 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  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1185  
citing authors

#	ARTICLE	IF	CITATIONS
1	All-in-One Photoacoustic Theranostics Using Multi-Functional Nanoparticles. <i>Advanced Functional Materials</i> , 2022, 32, 2107624.	14.9	6
2	Side-Chain-Tuned Molecular Packing Allows Concurrently Boosted Photoacoustic Imaging and NIR-Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	28
3	Visualization of blood-brain barrier disruption with dual-wavelength high-resolution photoacoustic microscopy. <i>Biomedical Optics Express</i> , 2022, 13, 1537.	2.9	3
4	Photoacoustic Imaging of Brain Functions: Wide Field-of-View Functional Imaging with High Spatiotemporal Resolution. <i>Laser and Photonics Reviews</i> , 2022, 16, .	8.7	13
5	Photoacoustic-triggered nanomedicine delivery to internal organs using a dual-wavelength laparoscope. <i>Journal of Biophotonics</i> , 2022, 15, .	2.3	3
6	Photoacoustic Force-Guided Precise and Fast Delivery of Nanomedicine with Boosted Therapeutic Efficacy. <i>Advanced Science</i> , 2021, 8, 2100228.	11.2	6
7	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
8	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
9	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
10	Efficient and precise delivery of microRNA by photoacoustic force generated from semiconducting polymer-based nanocarriers. <i>Biomaterials</i> , 2021, 275, 120907.	11.4	15
11	Thermoacoustic endoscopy. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	15
12	Photoacoustic endoscopy: A progress review. <i>Journal of Biophotonics</i> , 2020, 13, e202000217.	2.3	40
13	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
14	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
15	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
16	Mo <sub>2</sub> C-derived Polyoxometalate for NIR-Photoacoustic Imaging-Guided Chemodynamic/Photothermal Synergistic Therapy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18641-18646.	13.8	281
17	Mo <sub>2</sub> C-derived Polyoxometalate for NIR-Photoacoustic Imaging-Guided Chemodynamic/Photothermal Synergistic Therapy. <i>Angewandte Chemie</i> , 2019, 131, 18814-18819.	2.0	20
18	Utilizing Polymer Micelle to Control Dye J-aggregation and Enhance Its Theranostic Capability. <i>IScience</i> , 2019, 22, 229-239.	4.1	26

#	ARTICLE	IF	CITATIONS
19	Assessing hemorrhagic shock: Feasibility of using an ultracompact photoacoustic microscope. Journal of Biophotonics, 2019, 12, e201800348.	2.3	17
20	In vivo study of rat cortical hemodynamics using a stereotaxicâ€‘apparatusâ€‘compatible photoacoustic microscope. Journal of Biophotonics, 2018, 11, e201800067.	2.3	13
21	Portable opticalâ€‘resolution photoacoustic microscopy for volumetric imaging of multiscale organisms. Journal of Biophotonics, 2018, 11, e201700250.	2.3	16
22	Co-registered photoacoustic and ultrasound imaging for tongue cancer detection. Journal of Innovative Optical Health Sciences, 2018, 11, .	1.0	8
23	Miniaturized Optical Resolution Photoacoustic Microscope Based on a Microelectromechanical Systems Scanning Mirror. Micromachines, 2018, 9, 288.	2.9	10
24	Thermal degradation kinetics of poly(arylene ether nitrile) and its cross-linked polymer. High Performance Polymers, 2017, 29, 211-217.	1.8	3
25	<i>In vivo</i> oral imaging with integrated portable photoacoustic microscopy and optical coherence tomography. Applied Physics Letters, 2017, 111, .	3.3	21
26	Design and evaluation of a compound acoustic lens for photoacoustic computed tomography. Biomedical Optics Express, 2017, 8, 2756.	2.9	14
27	Portable optical resolution photoacoustic microscopy (pORPAM) for human oral imaging. Optics Letters, 2017, 42, 4434.	3.3	74
28	Photoacoustic endomicroscopy based on a MEMS scanning mirror. Optics Letters, 2017, 42, 4615.	3.3	45
29	Whole-body multispectral photoacoustic imaging of adult zebrafish. Biomedical Optics Express, 2016, 7, 3543.	2.9	19
30	Sideâ€‘Chainâ€‘Tuned Molecular Packing Allows Concurrently Boosted Photoacoustic Imaging and NIRâ€‘Fluorescence. Angewandte Chemie, 0, , .	2.0	2