

# Buhong Li

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,014  
citations

567281

15  
h-index

434195

31  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1340  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial Ca <sup>2+</sup> -overloading by oxygen/glutathione depletion-boosted photodynamic therapy based on a CaCO <sub>3</sub> nanoplatforam for tumor synergistic therapy. <i>Acta Biomaterialia</i> , 2022, 137, 252-261.	8.3	38
2	Internal light source for deep photodynamic therapy. <i>Light: Science and Applications</i> , 2022, 11, 85.	16.6	16
3	Multi-step deep neural network for identifying subfacial vessels in a dorsal skinfold window chamber model. <i>Biomedical Optics Express</i> , 2022, 13, 426.	2.9	2
4	Ultrasound-Triggered In Situ Gelation to Overcome Tumor Hypoxia for Enhanced Photodynamic and Sustained Chemotherapy. <i>Advanced Therapeutics</i> , 2021, 4, 2100052.	3.2	5
5	Quenching effects of (-)-Epigallocatechin gallate for singlet oxygen production and its protection against oxidative damage induced by Ce6-mediated photodynamic therapy in vitro. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 36, 102467.	2.6	6
6	Revisiting the Graphitized Nanodiamond-Mediated Activation of Peroxymonosulfate: Singlet Oxygenation versus Electron Transfer. <i>Environmental Science &amp; Technology</i> , 2021, 55, 16078-16087.	10.0	155
7	Nano-photosensitizers for enhanced photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 36, 102597.	2.6	36
8	Thrombin Based Photothermal-Responsive Nanoplatforam for Tumor-Specific Embolization Therapy. <i>Small</i> , 2021, 17, e2105033.	10.0	17
9	Rapid skin optical clearing enhancement with salicylic acid for imaging blood vessels in vivo. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 32, 102005.	2.6	0
10	Access to 5-H-benzo[ <i>a</i> ]carbazol-6-ols and benzo[6,7]cyclohepta[1,2- <i>b</i> ]indol-6-ols via rhodium-catalyzed C-H activation/carbenoid insertion/aldol-type cyclization. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3146-3159.	4.5	14
11	Singlet Oxygen Luminescence Image in Blood Vessels During Vascular-Targeted Photodynamic Therapy. <i>Photochemistry and Photobiology</i> , 2020, 96, 646-651.	2.5	9
12	Automatic protocol for quantifying the vasoconstriction in blood vessel images. <i>Biomedical Optics Express</i> , 2020, 11, 2122.	2.9	13
13	Transition-Metal-Controlled Synthesis of 11-H-Benzo[ <i>a</i> ]carbazoles and 6-Alkylidene-6-H-isoindo[2,1- <i>a</i> ]indoles via Sequential Intermolecular/Intramolecular Cross-Dehydrogenative Coupling from 2-Phenylindoles. <i>Organic Letters</i> , 2019, 21, 6839-6843.	4.6	17
14	Gadolinium-doped hollow CeO <sub>2</sub> -ZrO <sub>2</sub> nanoplatforam as multifunctional MRI/CT dual-modal imaging agent and drug delivery vehicle. <i>Drug Delivery</i> , 2018, 25, 353-363.	5.7	14
15	5-aminolevulinic acid mediated photodynamic therapy inhibits survival activity and promotes apoptosis of A375 and A431 cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 21, 257-262.	2.6	16
16	Near-Infrared Emitting Materials via Harvesting Triplet Excitons: Molecular Design, Properties, and Application in Organic Light Emitting Diodes. <i>Advanced Optical Materials</i> , 2018, 6, 1800466.	7.3	139
17	Differentiation of digestive system cancers by using serum protein-based surface-enhanced Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 16-21.	2.5	19
18	Effects of pulse width and repetition rate of pulsed laser on kinetics and production of singlet oxygen luminescence. <i>Journal of Innovative Optical Health Sciences</i> , 2016, 09, 1650019.	1.0	6

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19	Photosensitized singlet oxygen generation and detection: Recent advances and future perspectives in cancer photodynamic therapy. <i>Journal of Biophotonics</i> , 2016, 9, 1314-1325.	2.3	148
20	eEF1A1 binds and enriches protoporphyrin IX in cancer cells in 5-aminolevulinic acid based photodynamic therapy. <i>Scientific Reports</i> , 2016, 6, 25353.	3.3	11
21	A highly stable and biocompatible optical bioimaging nanoprobe based on carbon nanospheres. <i>RSC Advances</i> , 2016, 6, 37472-37477.	3.6	3
22	Chlorin p <sub>6</sub> -Based Water-Soluble Amino Acid Derivatives as Potent Photosensitizers for Photodynamic Therapy. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4999-5010.	6.4	53
23	Intraoperative monitoring of blood perfusion in port wine stains by laser Doppler imaging during vascular targeted photodynamic therapy: A preliminary study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 14, 142-151.	2.6	23
24	Determination of Optical and Microvascular Parameters of Port Wine Stains Using Diffuse Reflectance Spectroscopy. <i>Advances in Experimental Medicine and Biology</i> , 2016, 923, 359-365.	1.6	3
25	Relationship between the blood perfusion values determined by laser speckle imaging and laser Doppler imaging in normal skin and port wine stains. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 13, 1-9.	2.6	19
26	Singlet oxygen mediated photodynamic effects. <i>Photonics &amp; Lasers in Medicine</i> , 2015, 4, .	0.2	6
27	Correlation of <i>in vivo</i> tumor response and singlet oxygen luminescence detection in mTHPC-mediated photodynamic therapy. <i>Journal of Innovative Optical Health Sciences</i> , 2015, 08, 1540006.	1.0	9
28	Monitoring blood volume fraction and oxygen saturation in port-wine stains during vascular targeted photodynamic therapy with diffuse reflectance spectroscopy: Results of a preliminary case study. <i>Photonics &amp; Lasers in Medicine</i> , 2014, 3, .	0.2	5
29	Erythrocyte membrane analysis for type II diabetes detection using Raman spectroscopy in high-wavenumber region. <i>Applied Physics Letters</i> , 2014, 104, 104102.	3.3	9
30	Label-free detection of serum proteins using surface-enhanced Raman spectroscopy for colorectal cancer screening. <i>Journal of Biomedical Optics</i> , 2014, 19, 087003.	2.6	75
31	Gold nanoaggregates for probing single-living cell based on surface-enhanced Raman spectroscopy. <i>Journal of Biomedical Optics</i> , 2014, 20, 051005.	2.6	5
32	Label-free optical detection of type II diabetes based on surface-enhanced Raman spectroscopy and multivariate analysis. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 884-889.	2.5	25
33	Effect of oxygen concentration on singlet oxygen luminescence detection. <i>Journal of Luminescence</i> , 2014, 152, 98-102.	3.1	16
34	Serum albumin and globulin analysis for hepatocellular carcinoma detection avoiding false-negative results from alpha-fetoprotein test negative subjects. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	17
35	Surface-enhanced Raman scattering spectroscopy for potential noninvasive nasopharyngeal cancer detection. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 497-502.	2.5	43
36	Differences in sensitivity to HMME-mediated photodynamic therapy between EBV+ C666-1 and EBV <sup>-</sup> CNE2 cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2010, 7, 204-209.	2.6	15

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37	Recent progress in medical photonics. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 856-863.	0.2	4