

Hua Wang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,689
citations

516710

16
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

2914
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene and Graphene-like Layered Transition Metal Dichalcogenides in Energy Conversion and Storage. <i>Small</i> , 2014, 10, 2165-2181.	10.0	535
2	CdS Quantum Dots-Sensitized TiO ₂ Nanorod Array on Transparent Conductive Glass Photoelectrodes. <i>Journal of Physical Chemistry C</i> , 2010, 114, 16451-16455.	3.1	288
3	In Situ Hypoxia-Induced Supramolecular Perylene Diimide Radical Anions in Tumors for Photothermal Therapy with Improved Specificity. <i>Journal of the American Chemical Society</i> , 2022, 144, 2360-2367.	13.7	122
4	Infiltration of Proinflammatory M1 Macrophages into the Outer Retina Precedes Damage in a Mouse Model of Age-Related Macular Degeneration. <i>International Journal of Inflammation</i> , 2013, 2013, 1-12.	1.5	97
5	A Self-Degradable Supramolecular Photosensitizer with High Photodynamic Therapeutic Efficiency and Improved Safety. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 706-710.	13.8	97
6	A Bacteria-Responsive Porphyrin for Adaptable Photodynamic/Photothermal Therapy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	64
7	Dopamine/Phosphorylcholine Copolymer as an Efficient Joint Lubricant and ROS Scavenger for the Treatment of Osteoarthritis. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 51236-51248.	8.0	58
8	T Cells and Macrophages Responding to Oxidative Damage Cooperate in Pathogenesis of a Mouse Model of Age-Related Macular Degeneration. <i>PLoS ONE</i> , 2014, 9, e88201.	2.5	56
9	Activatable Photosensitizer for Smart Photodynamic Therapy Triggered by Reactive Oxygen Species in Tumor Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26982-26990.	8.0	55
10	Supramolecular Peptide Therapeutics: Host-Guest Interaction-Assisted Systemic Delivery of Anticancer Peptides. <i>CCS Chemistry</i> , 2020, 2, 739-748.	7.8	53
11	Self-Motivated Supramolecular Combination Chemotherapy for Overcoming Drug Resistance Based on Acid-Activated Competition of Host-Guest Interactions. <i>CCS Chemistry</i> , 2021, 3, 1413-1425.	7.8	46
12	Novel phosphatidylethanolamine derivatives accumulate in circulation in hyperlipidemic ApoE ^{-/-} mice and activate platelets via TLR2. <i>Blood</i> , 2016, 127, 2618-2629.	1.4	38
13	Cucurbit[10]uril-Encapsulated Cationic Porphyrins with Enhanced Fluorescence Emission and Photostability for Cell Imaging. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 2269-2276.	8.0	27
14	Detection and Biological Activities of Carboxyethylpyrrole Ethanolamine Phospholipids (CEP-EPs). <i>Chemical Research in Toxicology</i> , 2014, 27, 2015-2022.	3.3	26
15	The Oxidative Stress Product Carboxyethylpyrrole Potentiates TLR2/TLR1 Inflammatory Signaling in Macrophages. <i>PLoS ONE</i> , 2014, 9, e106421.	2.5	26
16	A Self-Degradable Supramolecular Photosensitizer with High Photodynamic Therapeutic Efficiency and Improved Safety. <i>Angewandte Chemie</i> , 2021, 133, 716-720.	2.0	25
17	4-Hydroxy-7-oxo-5-heptenoic Acid (HOHA) Lactone is a Biologically Active Precursor for the Generation of 2-(1-Carboxyethyl)pyrrole (CEP) Derivatives of Proteins and Ethanolamine Phospholipids. <i>Chemical Research in Toxicology</i> , 2015, 28, 967-977.	3.3	16
18	An Activatable Host-Guest Conjugate as a Nanocarrier for Effective Drug Release through Self-Inclusion. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 33962-33968.	8.0	15

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19	4-Hydroxy-7-oxo-5-heptenoic Acid Lactone Induces Angiogenesis through Several Different Molecular Pathways. <i>Chemical Research in Toxicology</i> , 2016, 29, 2125-2135.	3.3	11
20	A Bacteria-Responsive Porphyrin for Adaptable Photodynamic/Photothermal Therapy. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	10
21	Metabolism of 4-Hydroxy-7-oxo-5-heptenoic Acid (HOHA) Lactone by Retinal Pigmented Epithelial Cells. <i>Chemical Research in Toxicology</i> , 2016, 29, 1198-1210.	3.3	8
22	Study on Disulfur-backboned Nucleic Acid: Part 2. Efficient Synthesis of 3 α ,5 α -Dithiothymidine. <i>Chemistry Letters</i> , 2005, 34, 432-433.	1.3	6
23	Efficient Quantitative Analysis of Carboxyalkylpyrrole Ethanolamine Phospholipids: Elevated Levels in Sickle Cell Disease Blood. <i>Chemical Research in Toxicology</i> , 2016, 29, 1187-1197.	3.3	5
24	Study on Disulfur-Backboned Nucleic Acids: Part 3. Efficient Synthesis of 3 α ,5 α -Dithio-2 α -Deoxyuridine and Deoxycytidine. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2008, 27, 1272-1281.	1.1	4
25	Bioactive 4-Oxoheptanedioic Monoamide Derivatives of Proteins and Ethanolaminephospholipids: Products of Docosahexaenoate Oxidation. <i>Chemical Research in Toxicology</i> , 2016, 29, 1706-1719.	3.3	1