Hua Wang

List of Publications by Year
in descending order

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	In Situ Hypoxia-Induced Supramolecular Perylene Diimide Radical Anions in Tumors for Photothermal Therapy with Improved Specificity. Journal of the American Chemical Society, 2022, 144, 2360-2367.	13.7	122
2	A Bacteriaâ€Responsive Porphyrin for Adaptable Photodynamic/Photothermal Therapy. Angewandte Chemie, 2022, 134, .	2.0	10
3	A Bacteriaâ€Responsive Porphyrin for Adaptable Photodynamic/Photothermal Therapy. Angewandte Chemie - International Edition, 2022, 61, .	13.8	64
4	A Selfâ€Degradable Supramolecular Photosensitizer with High Photodynamic Therapeutic Efficiency and Improved Safety. Angewandte Chemie - International Edition, 2021, 60, 706-710.	13.8	97
5	A Selfâ€Degradable Supramolecular Photosensitizer with High Photodynamic Therapeutic Efficiency and Improved Safety. Angewandte Chemie, 2021, 133, 716-720.	2.0	25
6	Cucurbit[10]uril-Encapsulated Cationic Porphyrins with Enhanced Fluorescence Emission and Photostability for Cell Imaging. ACS Applied Materials & Interfaces, 2021, 13, 2269-2276.	8.0	27
7	An Activatable Hostâ€“Guest Conjugate as a Nanocarrier for Effective Drug Release through Self-Inclusion. ACS Applied Materials & Interfaces, 2021, 13, 33962-33968.	8.0	15
8	Self-Motivated Supramolecular Combination Chemotherapy for Overcoming Drug Resistance Based on Acid-Activated Competition of Hostâ€“Guest Interactions. CCS Chemistry, 2021, 3, 1413-1425.	7.8	46
9	Dopamine/Phosphorylcholine Copolymer as an Efficient Joint Lubricant and ROS Scavenger for the Treatment of Osteoarthritis. ACS Applied Materials & Interfaces, 2020, 12, 51236-51248.	8.0	58
10	Activatable Photosensitizer for Smart Photodynamic Therapy Triggered by Reactive Oxygen Species in Tumor Cells. ACS Applied Materials & Interfaces, 2020, 12, 26982-26990.	8.0	55
11	Supramolecular Peptide Therapeutics: Hostâ€“Guest Interaction-Assisted Systemic Delivery of Anticancer Peptides. CCS Chemistry, 2020, 2, 739-748.	7.8	53
12	Metabolism of 4-Hydroxy-7-oxo-5-heptenoic Acid (HOHA) Lactone by Retinal Pigmented Epithelial Cells. Chemical Research in Toxicology, 2016, 29, 1198-1210.	3.3	8
13	Novel phosphatidylethanolamine derivatives accumulate in circulation in hyperlipidemic ApoEâˆ'/âˆ' mice and activate platelets via TLR2. Blood, 2016, 127, 2618-2629.	1.4	38
14	Bioactive 4-Oxoheptanedioic Monoamide Derivatives of Proteins and Ethanolaminephospholipids: Products of Docosahexaenoate Oxidation. Chemical Research in Toxicology, 2016, 29, 1706-1719.	3.3	1
15	4-Hydroxy-7-oxo-5-heptenoic Acid Lactone Induces Angiogenesis through Several Different Molecular Pathways. Chemical Research in Toxicology, 2016, 29, 2125-2135.	3.3	11
16	Efficient Quantitative Analysis of Carboxyalkylpyrrole Ethanolamine Phospholipids: Elevated Levels in Sickle Cell Disease Blood. Chemical Research in Toxicology, 2016, 29, 1187-1197.	3.3	5
17	4-Hydroxy-7-oxo-5-heptenoic Acid (HOHA) Lactone is a Biologically Active Precursor for the Generation of 2-(Ï‰-Carboxyethyl)pyrrole (CEP) Derivatives of Proteins and Ethanolamine Phospholipids. Chemical Research in Toxicology, 2015, 28, 967-977.	3.3	16
18	T Cells and Macrophages Responding to Oxidative Damage Cooperate in Pathogenesis of a Mouse Model of Age-Related Macular Degeneration. PLoS ONE, 2014, 9, e88201.	2.5	56

#	Article	IF	Citations
19	Detection and Biological Activities of Carboxyethylpyrrole Ethanolamine Phospholipids (CEP-EPs). Chemical Research in Toxicology, 2014, 27, 2015-2022.	3.3	26
20	Graphene and Grapheneâ€like Layered Transition Metal Dichalcogenides in Energy Conversion and Storage. Small, 2014, 10, 2165-2181.	10.0	535
21	The Oxidative Stress Product Carboxyethylpyrrole Potentiates TLR2/TLR1 Inflammatory Signaling in Macrophages. PLoS ONE, 2014, 9, e106421.	2.5	26
22	Infiltration of Proinflammatory M1 Macrophages into the Outer Retina Precedes Damage in a Mouse Model of Age-Related Macular Degeneration. International Journal of Inflammation, 2013, 2013, 1-12.	1.5	97
23	CdS Quantum Dots-Sensitized TiO₂ Nanorod Array on Transparent Conductive Glass Photoelectrodes. Journal of Physical Chemistry C, 2010, 114, 16451-16455.	3.1	288
24	Study on Disulfur-Backboned Nucleic Acids: Part 3. Efficient Synthesis of 3â€²,5â€²-Dithio-2â€²-Deoxyuridine and Deoxycytidine. Nucleosides, Nucleotides and Nucleic Acids, 2008, 27, 1272-1281.	1.1	4
25	Study on Disulfur-backboned Nucleic Acid: Part 2. Efficient Synthesis of 3â€²,5â€²-Dithiothymidine. Chemistry Letters, 2005, 34, 432-433.	1.3	6