Shi Kuang

List of Publications by Year
in descending order

18 papers	962 citations	759055 12 h-index	839398 18 g-index
18 all docs	18 docs citations	18 times ranked	1223 citing authors

#	Article	IF	Citations
1	An arch-bridge-type fluorophore for bridging the gap between aggregation-caused quenching (ACQ) and aggregation-induced emission (AIE). Chemical Science, 2016, 7, 4485-4491.	3.7	174
2	Rationally designed ruthenium complexes for 1- and 2-photon photodynamic therapy. Nature Communications, 2020, 11, 3262.	5.8	173
3	A Mitochondrionâ€Localized Twoâ€Photon Photosensitizer Generating Carbon Radicals Against Hypoxic Tumors. Angewandte Chemie - International Edition, 2020, 59, 20697-20703.	7.2	99
4	A GSH-activatable ruthenium(<scp>ii</scp>)-azo photosensitizer for two-photon photodynamic therapy. Chemical Communications, 2017, 53, 1977-1980.	2.2	94
5	Photodecaging of a Mitochondria-Localized Iridium(III) Endoperoxide Complex for Two-Photon Photoactivated Therapy under Hypoxia. Journal of the American Chemical Society, 2022, 144, 4091-4101.	6.6	93
6	Iridium(III) Anthraquinone Complexes as Twoâ€Photon Phosphorescence Probes for Mitochondria Imaging and Tracking under Hypoxia. Chemistry - A European Journal, 2016, 22, 8955-8965.	1.7	67
7	Ruthenium(II) complexes coordinated to graphitic carbon nitride: Oxygen self-sufficient photosensitizers which produce multiple ROS for photodynamic therapy in hypoxia. Biomaterials, 2021, 276, 121064.	5.7	56
8	Ferrilridium: A Lysosomeâ€Targeting Iron(III)â€Activated Iridium(III) Prodrug for Chemotherapy in Gastric Cancer Cells. Angewandte Chemie - International Edition, 2020, 59, 3315-3321.	7.2	54
9	Oneâ€and Twoâ€Photon Phototherapeutic Effects of Ru^{II} Polypyridine Complexes in the Hypoxic Centre of Large Multicellular Tumor Spheroids and Tumorâ€Bearing Mice**. Chemistry - A European Journal, 2021, 27, 362-370.	1.7	37
10	Boosting two-photon photodynamic therapy with mitochondria-targeting rutheniumâ€“glucose conjugates. Chemical Communications, 2020, 56, 5839-5842.	2.2	27
11	A Mitochondrionâ€Localized Twoâ€Photon Photosensitizer Generating Carbon Radicals Against Hypoxic Tumors. Angewandte Chemie, 2020, 132, 20878-20884.	1.6	16
12	Nano-assembly of ruthenium(<scp>ii</scp>) photosensitizers for endogenous glutathione depletion and enhanced two-photon photodynamic therapy. Nanoscale, 2021, 13, 7590-7599.	2.8	16
13	Visualization of Deep Tissue G-quadruplexes with a Novel Large Stokes-Shifted Red Fluorescent Benzothiazole Derivative. Analytical Chemistry, 2022, 94, 10283-10290.	3.2	15
14	Ferrilridium: A Lysosomeâ€Targeting Iron(III)â€Activated Iridium(III) Prodrug for Chemotherapy in Gastric Cancer Cells. Angewandte Chemie, 2020, 132, 3341-3347.	1.6	12
15	A mitochondrion-targeted BODIPY-Ir(<scp>iii</scp>) conjugate as a photoinduced ROS generator for the oxidative destruction of triple-negative breast cancer cells. Dalton Transactions, 2021, 50, 14332-14341.	1.6	12
16	A mitochondrial-targeting iridium(<scp>iii</scp>) complex for H₂O₂-responsive and oxidative stress amplified two-photon photodynamic therapy. Inorganic Chemistry Frontiers, 2021, 8, 5045-5053.	3.0	9
17	Î²-Amyloid Peptides Manipulate Switching Behaviors of Donorâ€“Acceptor Stenhouse Adducts. Analytical Chemistry, 2021, 93, 9887-9896.	3.2	4
18	Development of a triazolobenzodiazepine-based PET probe for subtype-selective vasopressin 1A receptor imaging. Pharmacological Research, 2021, 173, 105886.	3.1	4