

Chun Wu

List of Publications by Year in descending order

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35
papers

893
citations

471509

17
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477307

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docs citations

36
times ranked

1228
citing authors

#	ARTICLE	IF	CITATIONS
1	A rapid and label-free DNA-based interference reduction nucleic acid amplification strategy for viral RNA detection. <i>Biosensors and Bioelectronics</i> , 2022, 198, 113829.	10.1	15
2	Interference Reduction Biosensing Strategy for Highly Sensitive microRNA Detection. <i>Analytical Chemistry</i> , 2022, 94, 4513-4521.	6.5	15
3	G-quadruplex-selective iridium(III) complex as a novel electrochemiluminescence probe for switch-on assay of double-stranded DNA. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 3755-3763.	3.7	2
4	Ubiquitination Regulators Discovered by Virtual Screening for the Treatment of Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 665646.	3.7	6
5	Drug screening strategies using metal-based luminescent probes. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 139, 116270.	11.4	16
6	Application of metal-organic framework for the adsorption and detection of food contamination. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 143, 116384.	11.4	24
7	Time-Resolved Luminescent High-Throughput Screening Platform for Lysosomotropic Compounds in Living Cells. <i>ACS Sensors</i> , 2021, 6, 166-174.	7.8	6
8	Simultaneous blocking of the p53-RAF and S100B pathways as a synergistic therapeutic strategy against malignant melanoma. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 1972-1981.	3.6	5
9	Luminescence approaches for the rapid detection of disease-related receptor proteins using transition metal-based probes. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3249-3260.	5.8	11
10	Structure-guided discovery of a luminescent theranostic toolkit for living cancer cells and the imaging behavior effect. <i>Chemical Science</i> , 2020, 11, 11404-11412.	7.4	16
11	Aliphatic Group-Tethered Iridium Complex as a Theranostic Agent against Malignant Melanoma Metastasis. <i>ACS Applied Bio Materials</i> , 2020, 3, 2017-2027.	4.6	13
12	Transition metal complexes as imaging or therapeutic agents for neurodegenerative diseases. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4715-4725.	5.8	28
13	A robust photoluminescence screening assay identifies uracil-DNA glycosylase inhibitors against prostate cancer. <i>Chemical Science</i> , 2020, 11, 1750-1760.	7.4	23
14	A simple iridium(III) dimer as a switch-on luminescent chemosensor for carbon disulfide detection in water samples. <i>Analytica Chimica Acta</i> , 2019, 1083, 166-171.	5.4	10
15	Iridium(III) Complexes Targeting Apoptotic Cell Death in Cancer Cells. <i>Molecules</i> , 2019, 24, 2739.	3.8	59
16	Development of Natural Product-Conjugated Metal Complexes as Cancer Therapies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 341.	4.1	28
17	Application of label-free techniques in microfluidic for biomolecules detection and circulating tumor cells analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 117, 78-83.	11.4	20
18	A dual-functional molecular strategy for <i>in situ</i> suppressing and visualizing of neuraminidase in aqueous solution using iridium(III) complexes. <i>Chemical Communications</i> , 2019, 55, 6353-6356.	4.1	36

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19	Mimicking Strategy for Protein-Protein Interaction Inhibitor Discovery by Virtual Screening. <i>Molecules</i> , 2019, 24, 4428.	3.8	23
20	Small Molecule Pin1 Inhibitor Blocking NF- κ B Signaling in Prostate Cancer Cells. <i>Chemistry - an Asian Journal</i> , 2018, 13, 275-279.	3.3	34
21	Recent advances in iridium(III) complex-assisted nanomaterials for biological applications. <i>Journal of Materials Chemistry B</i> , 2018, 6, 537-544.	5.8	42
22	A dual-functional luminescent probe for imaging H ₂ S in living zebrafish and discrimination hypoxic cells from normoxic cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1953-1959.	7.8	32
23	InnenrÄ¼cktitelbild: Selective Inhibition of Lysine-Specific Demethylase 5A (KDM5A) Using a Rhodium(III) Complex for Triple-Negative Breast Cancer Therapy (<i>Angew. Chem.</i> 40/2018). <i>Angewandte Chemie</i> , 2018, 130, 13533-13533.	2.0	0
24	Rhodium(III)-Based Inhibitor of the JMD3-H3K27me3 Interaction and Modulator of the Inflammatory Response. <i>Inorganic Chemistry</i> , 2018, 57, 14023-14026.	4.0	11
25	Selective Inhibition of Lysine-Specific Demethylase 5A (KDM5A) Using a Rhodium(III) Complex for Triple-Negative Breast Cancer Therapy. <i>Angewandte Chemie</i> , 2018, 130, 13275-13279.	2.0	19
26	Selective Inhibition of Lysine-Specific Demethylase 5A (KDM5A) Using a Rhodium(III) Complex for Triple-Negative Breast Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13091-13095.	13.8	125
27	Chemoselective detection of alkyl halides via an iridium(III) luminescent probe. <i>Dyes and Pigments</i> , 2018, 159, 479-482.	3.7	12
28	Group 8-9 Metal-Based Luminescent Chemosensors for Protein Biomarker Detection. <i>Journal of Analysis and Testing</i> , 2018, 2, 77-89.	5.1	4
29	Iridium-based probe for luminescent nitric oxide monitoring in live cells. <i>Scientific Reports</i> , 2018, 8, 12467.	3.3	15
30	The Development of G-Quadruplex-Based Assays for the Detection of Small Molecules and Toxic Substances. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1851-1860.	3.3	27
31	A reaction-based luminescent switch-on sensor for the detection of OH ⁻ ions in simulated wastewater. <i>Dalton Transactions</i> , 2017, 46, 6677-6682.	3.3	25
32	Development of a Long-Lived Luminescence Probe for Visualizing β -Galactosidase in Ovarian Carcinoma Cells. <i>Analytical Chemistry</i> , 2017, 89, 11679-11684.	6.5	140
33	Turn-on Luminescent Probe for Hydrogen Peroxide Sensing and Imaging in Living Cells based on an Iridium(III) Complex-Silver Nanoparticle Platform. <i>Scientific Reports</i> , 2017, 7, 8980.	3.3	22
34	Real-time detection of oxalyl chloride based on a long-lived iridium(III) probe. <i>Dalton Transactions</i> , 2017, 46, 17074-17079.	3.3	11
35	A long-lived ferrocene-conjugated iridium(III) complex for sensitive turn-on luminescence detection of traces of DMSO in water and human serum. <i>Analytica Chimica Acta</i> , 2017, 984, 193-201.	5.4	16