

Feng-Shou Wu

List of Publications by Year in descending order

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75
papers

2,456
citations

186265

28
h-index

223800

46
g-index

77
all docs

77
docs citations

77
times ranked

2267
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic Nanoparticles Based on D-A-D Small Molecule: Self-Assembly, Photophysical Properties, and Synergistic Photodynamic/Photothermal Effects. <i>Materials</i> , 2022, 15, 502.	2.9	2
2	Lithiophilic anchor points enabling endogenous symbiotic Li ₃ N interface for homogeneous and stable lithium electrodeposition. <i>Nano Energy</i> , 2022, 93, 106836.	16.0	25
3	Self-assembled porphyrin polymer nanoparticles with NIR-II emission and highly efficient photothermal performance in cancer therapy. <i>Materials Today Bio</i> , 2022, 13, 100198.	5.5	28
4	Nanoplatfrom Self-Assembly from Small Molecules of Porphyrin Derivatives for NIR-Fluorescence Imaging Guided Photothermal-Immunotherapy. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102526.	7.6	18
5	A multiscale screening strategy for the identification of novel xanthine oxidase inhibitors based on the pharmacological features of febuxostat analogues. <i>New Journal of Chemistry</i> , 2022, 46, 6549-6559.	2.8	5
6	In-situ growth of boronic acid-decorated metal-organic framework on Fe ₃ O ₄ nanospheres for specific enrichment of cis-diol containing nucleosides. <i>Analytica Chimica Acta</i> , 2022, 1206, 339772.	5.4	22
7	Facile fabrication of iron porphyrin-based porous organic polymer with excellent oxidase-like activity for colorimetric detection of sulfide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 651, 129727.	4.7	5
8	Boronic acid grafted metal-organic framework for selective enrichment of cis-diol-containing compounds. <i>Journal of Chromatography A</i> , 2022, 1677, 463281.	3.7	12
9	Small organic molecule-based nanoparticles with red/near-infrared aggregation-induced emission for bioimaging and PDT/PTT synergistic therapy. <i>Materials Chemistry Frontiers</i> , 2021, 5, 406-417.	5.9	66
10	Metalloporphyrin-based porous organic polymer as an efficient catalyst for cycloaddition of epoxides and CO ₂ . <i>Journal of Solid State Chemistry</i> , 2021, 293, 121770.	2.9	24
11	Single molecular-based nanoparticles with aggregation-induced emission characteristics for fluorescence imaging and efficient cancer phototherapy. <i>Dyes and Pigments</i> , 2021, 187, 109130.	3.7	17
12	Cobalt phthalocyanine-based nanodots as efficient catalysts for chemical conversion of CO ₂ under ambient conditions. <i>Journal of Materials Science</i> , 2021, 56, 10990-10999.	3.7	9
13	Oxidase Mimetic Activity of a Metalloporphyrin-Containing Porous Organic Polymer and Its Applications for Colorimetric Detection of Both Ascorbic Acid and Glutathione. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 5412-5421.	6.7	58
14	Zeolitic imidazolate framework-8/ fluorinated graphene coated SiO ₂ composites for pipette tip solid-phase extraction of chlorophenols in environmental and food samples. <i>Talanta</i> , 2021, 228, 122229.	5.5	27
15	Exploration of Novel Xanthine Oxidase Inhibitors Based on 1,6-Dihydropyrimidine-5-Carboxylic Acids by an Integrated in Silico Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8122.	4.1	5
16	Triphenylamine-perylene diimide conjugate-based organic nanoparticles for photoacoustic imaging and cancer phototherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111841.	5.0	16
17	Porphyrin-based covalent organic framework coated stainless steel fiber for solid-phase microextraction of polycyclic aromatic hydrocarbons in water and soil samples. <i>Microchemical Journal</i> , 2021, 168, 106364.	4.5	31
18	Cobalt-Doped Carbon Quantum Dots with Peroxidase-Mimetic Activity for Ascorbic Acid Detection through Both Fluorometric and Colorimetric Methods. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 49453-49461.	8.0	59

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19	Exploration of Novel Hepatitis B Virus Capsid Assembly Modulators by Integrated Molecular Simulations. <i>ChemistrySelect</i> , 2021, 6, 12524-12536.	1.5	1
20	Indazolyl-substituted piperidin-4-yl-aminopyrimidines as HIV-1 NNRTIs: Design, synthesis and biological activities. <i>European Journal of Medicinal Chemistry</i> , 2020, 186, 111864.	5.5	21
21	Self-Assembled Naphthalimide Conjugated Porphyrin Nanomaterials with A Structure for PDT/PTT Synergistic Therapy. <i>Bioconjugate Chemistry</i> , 2020, 31, 663-672.	3.6	47
22	Multifunctional theranostic nanosystems enabling photothermal-chemo combination therapy of triple-stimuli-responsive drug release with magnetic resonance imaging. <i>Biomaterials Science</i> , 2020, 8, 1875-1884.	5.4	16
23	A simple strategy to design 3-layered Au-TiO ₂ dual nanoparticles immobilized cellulose membranes with enhanced photocatalytic activity. <i>Carbohydrate Polymers</i> , 2020, 231, 115694.	10.2	34
24	Multifunctional theranostic agents based on prussian blue nanoparticles for tumor targeted and MRI-guided photodynamic/photothermal combined treatment. <i>Nanotechnology</i> , 2020, 31, 135101.	2.6	18
25	Red-Emissive Ruthenium-Containing Carbon Dots for Bioimaging and Photodynamic Cancer Therapy. <i>ACS Applied Nano Materials</i> , 2020, 3, 869-876.	5.0	108
26	Self-assembly of methylene violet-conjugated perylene diimide with photodynamic/photothermal properties for DNA photocleavage and cancer treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111351.	5.0	22
27	Computationally exploring novel xanthine oxidase inhibitors using docking-based 3D-QSAR, molecular dynamics, and virtual screening. <i>New Journal of Chemistry</i> , 2020, 44, 19276-19287.	2.8	7
28	Exploring the Interaction Mechanism of Desmethyl-broflanilide in Insect GABA Receptors and Screening Potential Antagonists by <i>In Silico</i> Simulations. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 14768-14780.	5.2	15
29	Triphenylamine-substituted zinc porphyrin nanoparticles with photodynamic/photothermal activity for cancer phototherapy in vitro. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 1113-1120.	0.8	2
30	Gd (III) DOTA-Functionalized Phthalocyanine Nanodots for Magnetic Resonance Imaging and Photothermal/Photodynamic Therapy. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000713.	3.7	7
31	Facile Preparation of Phthalocyanine-Based Nanodots for Photoacoustic Imaging and Photothermal Cancer Therapy In Vivo. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5230-5239.	5.2	27
32	A Simple Strategy to Fabricate Phthalocyanine-Encapsulated Nanodots for Magnetic Resonance Imaging and Antitumor Phototherapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 3681-3689.	4.6	10
33	A colorimetric and fluorescence turn-on probe for the detection of palladium in aqueous solution and its application in vitro and in vivo. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 239, 118547.	3.9	15
34	In silico Design of Novel HIV-1 NNRTIs Based on Combined Modeling Studies of Dihydrofuro[3,4-d]pyrimidines. <i>Frontiers in Chemistry</i> , 2020, 8, 164.	3.6	26
35	Biocompatible conjugated porphyrin nanoparticles with photodynamic/photothermal performances in cancer therapy. <i>Dyes and Pigments</i> , 2020, 182, 108664.	3.7	27
36	Photodynamic and photothermal synergistic behavior of triphenylamine-porphyrin nanoparticles for DNA interaction, cellular cytotoxicity and localization. <i>Nanotechnology</i> , 2020, 31, 315101.	2.6	8

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37	Microwave-Assisted Preparation of Activated Carbon Modified by Zinc Chloride as a Packing Material for Column Separation of Saccharides. <i>ACS Omega</i> , 2020, 5, 10106-10114.	3.5	13
38	Palladium porphyrin complexes for photodynamic cancer therapy: effect of porphyrin units and metal. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 905-912.	2.9	34
39	Synthesis of MOF@COF Hybrid Magnetic Adsorbent for Microextraction of Sulfonamides in Food and Environmental Samples. <i>Food Analytical Methods</i> , 2020, 13, 1346-1356.	2.6	41
40	Organic small molecular nanoparticles based on self-assembly of amphiphilic fluoroporphyrins for photodynamic and photothermal synergistic cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110345.	5.0	37
41	Synthesis, singlet oxygen generation and DNA photocleavage of Zn^{2+} -conjugated polycationic porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019, 23, 655-663.	0.8	15
42	N-Methylpyridylporphyrin tailed with folate conjugate as a potential lysosomal-targeted photosensitizer: Synthesis, DNA interaction, singlet oxygen and subcellular localization. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019, 23, 679-684.	0.8	3
43	Fabrication of porphyrin-based magnetic covalent organic framework for effective extraction and enrichment of sulfonamides. <i>Analytica Chimica Acta</i> , 2019, 1089, 66-77.	5.4	99
44	Small-Molecule Porphyrin-Based Organic Nanoparticles with Remarkable Photothermal Conversion Efficiency for in Vivo Photoacoustic Imaging and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 21408-21416.	8.0	92
45	Platinated porphyrin tailed with folic acid conjugate for cell-targeted photodynamic activity. <i>Journal of Luminescence</i> , 2019, 214, 116552.	3.1	14
46	A folate-conjugated platinum porphyrin complex as a new cancer-targeting photosensitizer for photodynamic therapy. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5367-5374.	2.8	47
47	Manganese-doped carbon quantum dots for fluorometric and magnetic resonance (dual mode) bioimaging and biosensing. <i>Mikrochimica Acta</i> , 2019, 186, 315.	5.0	43
48	Mitochondria-targeting Pt/Mn porphyrins as efficient photosensitizers for magnetic resonance imaging and photodynamic therapy. <i>Dyes and Pigments</i> , 2019, 166, 189-195.	3.7	39
49	<i>in silico</i> study of 3-hydroxypyrimidine-2,4-diones as inhibitors of HIV RT-associated RNase H using molecular docking, molecular dynamics, 3D-QSAR, and pharmacophore models. <i>New Journal of Chemistry</i> , 2019, 43, 17004-17017.	2.8	21
50	Ln(III) chelates-functionalized carbon quantum dots: Synthesis, optical studies and multimodal bioimaging applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 272-280.	5.0	42
51	Metalloporphyrin-indomethacin conjugates as new photosensitizers for photodynamic therapy. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 53-60.	2.6	31
52	Deep red PhOLED from dimeric salophen Platinum(II) complexes. <i>Dyes and Pigments</i> , 2019, 162, 590-598.	3.7	65
53	Methylene violet 3RAX-conjugated porphyrin for photodynamic therapy: synthesis, DNA photocleavage, and cell study. <i>RSC Advances</i> , 2018, 8, 4472-4477.	3.6	25
54	Facile synthesis of sulfur-doped carbon quantum dots from vitamin B1 for highly selective detection of Fe ³⁺ ion. <i>Optical Materials</i> , 2018, 77, 258-263.	3.6	88

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55	Carbon Dots @ Platinum Porphyrin Composite as Theranostic Nanoagent for Efficient Photodynamic Cancer Therapy. <i>Nanoscale Research Letters</i> , 2018, 13, 357.	5.7	63
56	Red/Near-Infrared Emissive Metalloporphyrin-Based Nanodots for Magnetic Resonance Imaging-Guided Photodynamic Therapy In Vivo. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1800208.	2.3	54
57	Synthesis, DNA binding mode, singlet oxygen photogeneration and DNA photocleavage activity of ruthenium compounds with porphyrin-imidazo[4,5-a]phenanthroline conjugated ligand. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4468.	3.5	20
58	Porphyrin-Implanted Carbon Nanodots for Photoacoustic Imaging and in Vivo Breast Cancer Ablation. <i>ACS Applied Bio Materials</i> , 2018, 1, 110-117.	4.6	102
59	Cetuximab-conjugated iodine doped carbon dots as a dual fluorescent/CT probe for targeted imaging of lung cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 194-200.	5.0	72
60	DNA Photocleavage and Binding Modes of Methylene Violet 3RAX and its Derivatives: Effect of Functional Groups. <i>Australian Journal of Chemistry</i> , 2017, 70, 830.	0.9	16
61	Platinated porphyrin as a new organelle and nucleus dual-targeted photosensitizer for photodynamic therapy. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5764-5771.	2.8	46
62	Synthesis, singlet oxygen generation, photocytotoxicity and subcellular localization of azobisporphyrins as potentially photodynamic therapeutic agents <i>in vitro</i> cell study. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 122-127.	0.8	19
63	New platinum(II) one-armed Schiff base complexes for blue and orange PHOLEDs applications. <i>Organic Electronics</i> , 2017, 42, 153-162.	2.6	39
64	Facile synthesis of N-rich carbon quantum dots from porphyrins as efficient probes for bioimaging and biosensing in living cells. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 7375-7391.	6.7	137
65	Mononuclear copper(I) bromide complexes chelated with bis(pyrazol-1-ylmethyl)-pyridine ligands: Structures, electronic properties and solid state photoluminescence. <i>Journal of Luminescence</i> , 2016, 177, 82-87.	3.1	9
66	Near-infrared emissive lanthanide hybridized carbon quantum dots for bioimaging applications. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6366-6372.	5.8	92
67	Synthesis, crystal structure and photophysical study of luminescent three-coordinate cuprous bromide complexes based on pyrazole derivatives. <i>Journal of Coordination Chemistry</i> , 2016, 69, 926-933.	2.2	10
68	Synthesis, structural characterization and photophysical studies of luminescent Cu(I) heteroleptic complexes based on dipyridylamine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 318, 97-103.	3.9	12
69	Efficient and tunable phosphorescence of new platinum(II) complexes based on the donor-acceptor Schiff bases. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 316, 12-18.	3.9	17
70	Design and synthesis of binuclear Co-salen catalysts for the hydrolytic kinetic resolution of epoxides. <i>Catalysis Communications</i> , 2015, 68, 101-104.	3.3	3
71	Luminescent monomeric and polymeric cuprous halide complexes with 1,2-bis(3,5-dimethylpyrazol-1-ylmethyl)-benzene as ligand. <i>Inorganic Chemistry Communication</i> , 2015, 58, 113-116.	3.9	9
72	Synthesis, DNA photocleavage, singlet oxygen photogeneration and two photon absorption properties of ruthenium-phenanthroline porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015, 19, 1046-1052.	0.8	17

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73	Photocytotoxicity, cellular uptake and subcellular localization of amidinophenylporphyrins as potential photodynamic therapeutic agents: An in vitro cell study. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4513-4517.	2.2	28
74	Phosphorescent Cu(<i>scp</i>) complexes based on bis(pyrazol-1-yl-methyl)-pyridine derivatives for organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 138-146.	5.5	51
75	A white phosphorescent coordination polymer with Cu ₂ I ₂ alternating units linked by benzo-18-crown-6. <i>Dalton Transactions</i> , 2014, 43, 12463-12466.	3.3	45