

Qiao-Hua Wei

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

1,332
citations

21
h-index

36
g-index

47
ext. papers

1,514
ext. citations

6.6
avg, IF

4.5
L-index

#	Paper	IF	Citations
45	Bioinspired Self-Powered Piezoresistive Sensors for Simultaneous Monitoring of Human Health and Outdoor UV Light Intensity.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	3
44	Dual-carbon materials coated Ge/Si composite for high performance lithium-ion batteries. <i>Electrochimica Acta</i> , 2022 , 140337	6.7	1
43	Conductive-free Zn ₂ GeO ₄ @multi-walled carbon nanotubes for high-performance lithium-ion storage. <i>Journal of Alloys and Compounds</i> , 2022 , 165720	5.7	1
42	Single-atom cobalt-fused biomolecule-derived nitrogen-doped carbon nanosheets for selective oxidation reactions. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 14276-14283	3.6	1
41	Novel ultrabright luminescent copper nanoclusters and application in light-emitting devices. <i>Chemical Communications</i> , 2021 , 57, 9890-9893	5.8	3
40	Graphene-coated copper-doped ZnO quantum dots for sensitive photoelectrochemical bioanalysis of thrombin triggered by DNA nanoflowers. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 6818-6824	7.3	5
39	Stable Li-ion storage in Ge/N-doped carbon microsphere anodes. <i>Nanoscale</i> , 2021 , 13, 5307-5315	7.7	2
38	Novel luminescent homo/heterometallic platinum(ii) alkynyl complexes based on Y-shaped pyridyl diphosphines. <i>Dalton Transactions</i> , 2020 , 49, 8347-8353	4.3	0
37	Luminescent Ionogels with Excellent Transparency, High Mechanical Strength, and High Conductivity. <i>Nanomaterials</i> , 2020 , 10,	5.4	2
36	Three-dimensional mesoporous graphene-like carbons derived from a biomolecule exhibiting high-performance oxygen reduction activity. <i>Sustainable Energy and Fuels</i> , 2019 , 3, 2809-2818	5.8	6
35	One-Step Synthesis of N, P-Codoped Carbon Nanosheets Encapsulated CoP Particles for Highly Efficient Oxygen Evolution Reaction. <i>Frontiers in Chemistry</i> , 2019 , 7, 805	5	10
34	Label-free sensitive luminescence biosensor for immunoglobulin G based on AgAu ethisterone cluster-estrogen receptor aggregation and graphene. <i>Talanta</i> , 2018 , 185, 243-248	6.2	5
33	Rapid and facile synthesis of hierarchically mesoporous TiO ₂ B with enhanced reversible capacity and rate capability. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 1196-1200	13	25
32	Enzyme-controlled dissolution of MnO nanoflakes with enzyme cascade amplification for colorimetric immunoassay. <i>Biosensors and Bioelectronics</i> , 2017 , 89, 645-651	11.8	127
31	High-efficiency organic light-emitting diodes of phosphorescent PtAg ₂ heterotrinary acetylide complexes supported by triphosphine. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 3072-3078	7.1	25
30	Cationic Carbon Dots for Modification-Free Detection of Hyaluronidase via an Electrostatic-Controlled Ratiometric Fluorescence Assay. <i>Analytical Chemistry</i> , 2017 , 89, 8384-8390	7.8	85
29	Exploring the electrochemiluminescent behavior of procaterol hydrochloride in the presence of Ru(bpy) and its analytical application in pharmaceutical preparation. <i>Luminescence</i> , 2017 , 32, 745-750	2.5	2

28	High peroxidase-like activity of iron and nitrogen co-doped carbon dots and its application in immunosorbent assay. <i>Talanta</i> , 2017 , 164, 1-6	6.2	88
27	In situ amplified electrochemical aptasensing for sensitive detection of adenosine triphosphate by coupling target-induced hybridization chain reaction with the assembly of silver nanotags. <i>Talanta</i> , 2016 , 146, 23-8	6.2	24
26	Fenton reaction-based colorimetric immunoassay for sensitive detection of brevetoxin B. <i>Biosensors and Bioelectronics</i> , 2016 , 80, 249-256	11.8	51
25	Label-free hairpin DNA-scaffolded silver nanoclusters for fluorescent detection of Hg ²⁺ using exonuclease III-assisted target recycling amplification. <i>Biosensors and Bioelectronics</i> , 2016 , 79, 411-5	11.8	82
24	Invertase-labeling gold-dendrimer for in situ amplified detection mercury(II) with glucometer readout and thymine-Hg(2+)-thymine coordination chemistry. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 681-6	11.8	45
23	Highly sensitive electrochemical sensing platform for lead ion based on synergetic catalysis of DNAzyme and Au-Pd porous bimetallic nanostructures. <i>Biosensors and Bioelectronics</i> , 2016 , 78, 236-243	11.8	57
22	Novel electrochemi-/photo-luminescence of Ag ₃ Cu ₅ heterometallic alkynyl clusters. <i>Dalton Transactions</i> , 2015 , 44, 3941-4	4.3	13
21	Hemin/G-quadruplex-based DNAzyme concatamers for in situ amplified impedimetric sensing of copper(II) ion coupling with DNAzyme-catalyzed precipitation strategy. <i>Biosensors and Bioelectronics</i> , 2015 , 74, 1-7	11.8	48
20	Target-regulated proximity hybridization with three-way DNA junction for in situ enhanced electronic detection of marine biotoxin based on isothermal cycling signal amplification strategy. <i>Biosensors and Bioelectronics</i> , 2015 , 69, 241-8	11.8	28
19	A micro-pressure sensor-based analytic platform and its application in thrombin quantification. <i>Analytical Methods</i> , 2015 , 7, 7985-7988	3.2	6
18	Determination of tiopronin based on the enhancement of Ru(bpy) ₃ ²⁺ co-reactant electrochemiluminescence. <i>Talanta</i> , 2015 , 134, 524-529	6.2	7
17	Cobalt-Porphyrin-Platinum-Functionalized Reduced Graphene Oxide Hybrid Nanostructures: A Novel Peroxidase Mimetic System For Improved Electrochemical Immunoassay. <i>Scientific Reports</i> , 2015 , 5, 15113	4.9	43
16	Luminescent Ag ₆ Au ₆ heterometallic ethisterone cluster and probe for estrogen receptor β . <i>Chemistry - A European Journal</i> , 2015 , 21, 4205-8	4.8	13
15	Pt ₂ Ag acetylide-doped silica nanoparticles: enabling luminescence of Pt ₂ Ag complexes in water and sensors for highly sensitive detection of cyanide anions. <i>Dalton Transactions</i> , 2014 , 43, 8861-7	4.3	20
14	New Luminescent Ag ₂ Au ₂ Heteronuclear AlkynylPhosphine Complexes and Recognition of Homocysteine and Cysteine. <i>Organometallics</i> , 2013 , 32, 4919-4926	3.8	22
13	Electrochemiluminescence properties of [Pt ₂ Ag ₄ (C ₇ CC ₆ H ₄ R) ₈] _n (R = CH ₃ , n = 1; R = H, n = 1 and 2) with amine (TPrA and DBAE) as the coreactant and determination of Sudan I. <i>Inorganic Chemistry</i> , 2012 , 51, 11117-25	5.1	20
12	Ru(II) sensitized lanthanide luminescence: synthesis, photophysical properties, and near-infrared luminescent determination of alpha-fetal protein (AFP). <i>Dalton Transactions</i> , 2012 , 41, 11219-25	4.3	24
11	Mono- and dinuclear Ru(II) complexes of 1,4-bis(3-(2-pyridyl)pyrazol-1-ylmethyl)benzene): synthesis, structure, photophysical properties and electrochemiluminescent determination of diuretic furosemide. <i>Dalton Transactions</i> , 2011 , 40, 11636-42	4.3	11

10	Synthesis, structure, photophysical and electrochemiluminescence properties of Re(I) tricarbonyl complexes incorporating pyrazolyl-pyridyl-based ligands. <i>Dalton Transactions</i> , 2011 , 40, 5078-85	4.3	19
9	Luminescent Pt(II)M (M = Cu, Ag, Au) Heteronuclear Alkynyl Complexes Prepared by Reaction of [Pt(C≡CR) ₄] ²⁻ with [M ₂ (dppm) ₂] ²⁺ (dppm = Bis(diphenylphosphino)methane). <i>Organometallics</i> , 2006 , 25, 580-587	3.8	76
8	Luminescent hepta- and tetradecanuclear complexes of 5,5'-diethynyl-2,2'-bipyridine capped with triangular trinuclear Cu ₃ /Ag ₃ cluster units. <i>Inorganic Chemistry</i> , 2006 , 45, 10371-7	5.1	34
7	Preparation and Structural Characterization of a Heterobimetallic Sulfide Cluster Compound [(μ ⁵ -C ₅ Me ₅)WS ₃ Au(dppms)]. <i>Transition Metal Chemistry</i> , 2004 , 29, 483-487	2.1	1
6	Luminescent Ag _i -Cu _i heterometallic hexa-, octa-, and hexadecanuclear alkynyl complexes. <i>Inorganic Chemistry</i> , 2004 , 43, 3484-91	5.1	81
5	Luminescent heteronuclear Au(I) ₅ Ag(I) ₈ complexes of [1,2,3-C ₆ (C ₆ H ₄ R-4) ₃] ₃ - (R = H, CH ₃ , But) by cyclotrimerization of arylacetylides. <i>Journal of the American Chemical Society</i> , 2004 , 126, 9940-1	16.4	126
4	Cd(2,2'-bipy)(H ₂ PO ₄) ₂ : the first cadmium phosphate with an organic amine acting as a ligand. <i>Journal of Materials Chemistry</i> , 2003 , 13, 447-449		34
3	Luminescent heterohexanuclear complexes with platinum alkynyl and silver diphosphine as components. <i>Chemical Communications</i> , 2003 , 2188-9	5.8	47
2	Ferroelectric perovskite-enhanced photoelectrochemical immunoassay with the photoexcited charge-transfer of a built-in electric field. <i>Journal of Materials Chemistry C</i> ,	7.1	4
1	Au Nanoparticle-Decorated ZnO Microflower-Based Immunoassay for Photoelectrochemical Detection of Human Prostate-Specific Antigen. <i>ACS Applied Nano Materials</i> ,	5.6	4