

Yang Fan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Electrochemical behavior and voltammetric determination of paracetamol on Nafion/TiO ₂ @graphene modified glassy carbon electrode. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 85, 289-292.	2.5	218
2	Micro-mesoporous carbon spheres derived from carrageenan as electrode material for supercapacitors. <i>Journal of Power Sources</i> , 2014, 268, 584-590.	4.0	189
3	TiO ₂ -graphene nanocomposite for electrochemical sensing of adenine and guanine. <i>Electrochimica Acta</i> , 2011, 56, 4685-4690.	2.6	182
4	Hydrothermal preparation and electrochemical sensing properties of TiO ₂ @graphene nanocomposite. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 83, 78-82.	2.5	178
5	Electrochemistry and voltammetric determination of L-tryptophan and L-tyrosine using a glassy carbon electrode modified with a Nafion/TiO ₂ -graphene composite film. <i>Mikrochimica Acta</i> , 2011, 173, 241-247.	2.5	156
6	Wirelike Dinuclear Ruthenium Complexes Connected by Bis(ethynyl)oligothiophene. <i>Inorganic Chemistry</i> , 2007, 46, 5651-5664.	1.9	81
7	Bi-functional porous carbon spheres derived from pectin as electrode material for supercapacitors and support material for Pt nanowires towards electrocatalytic methanol and ethanol oxidation. <i>Electrochimica Acta</i> , 2015, 163, 140-148.	2.6	74
8	Porous hollow carbon spheres for electrode material of supercapacitors and support material of dendritic Pt electrocatalyst. <i>Journal of Power Sources</i> , 2015, 280, 30-38.	4.0	70
9	Microporous carbon derived from acacia gum with tuned porosity for high-performance electrochemical capacitors. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 6188-6196.	3.8	69
10	Pt/TiO ₂ @C with hetero interfaces as enhanced catalyst for methanol electrooxidation. <i>Electrochimica Acta</i> , 2013, 105, 157-161.	2.6	54
11	Nonenzymatic hydrogen peroxide electrochemical sensor based on carbon-coated SnO ₂ supported Pt nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 101, 106-110.	2.5	50
12	Au@TiO ₂ /Graphene Nanocomposite Film for Electrochemical Sensing of Hydrogen Peroxide and NADH. <i>Electroanalysis</i> , 2012, 24, 1334-1339.	1.5	47
13	Hierarchical Macro-Mesoporous Ni(OH) ₂ for Nonenzymatic Electrochemical Sensing of Glucose. <i>Journal of the Electrochemical Society</i> , 2014, 161, B201-B206.	1.3	45
14	Three-dimensional hierarchical porous platinum-copper alloy networks with enhanced catalytic activity towards methanol and ethanol electro-oxidation. <i>Journal of Power Sources</i> , 2015, 296, 282-289.	4.0	45
15	Phosphonate-Stabilized Titanium-Oxo Clusters with Ferrocene Photosensitizer: Structures, Photophysical and Photoelectrochemical Properties, and DFT/TDDFT Calculations. <i>Inorganic Chemistry</i> , 2017, 56, 12775-12782.	1.9	45
16	A ferrocenecarboxylate-functionalized titanium-oxo-cluster: the ferrocene wheel as a sensitizer for photocurrent response. <i>Dalton Transactions</i> , 2017, 46, 8057-8064.	1.6	44
17	SnO ₂ nanospheres supported Pd catalyst with enhanced performance for formic acid oxidation. <i>Journal of Power Sources</i> , 2012, 215, 48-52.	4.0	38
18	CuO nanoparticles supported on carbon microspheres as electrode material for supercapacitors. <i>Ionics</i> , 2015, 21, 185-190.	1.2	37

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19	Titanium-oxo clusters functionalized with catecholate-type ligands: modulating the optical properties through charge-transfer transitions. <i>Dalton Transactions</i> , 2018, 47, 8158-8163.	1.6	37
20	Template Thermolysis to Create a Carbon Dots-Embedded Mesoporous Titanium-Oxo Sulfate Framework for Visible-Light Photocatalytic Applications. <i>Inorganic Chemistry</i> , 2020, 59, 2062-2069.	1.9	33
21	Hierarchical structure SnO ₂ supported Pt nanoparticles as enhanced electrocatalyst for methanol oxidation. <i>Electrochimica Acta</i> , 2012, 76, 475-479.	2.6	31
22	Light and acid dual-responsive organogel formation based on m-methyl red derivative. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7931.	1.5	31
23	Shape-controlled synthesis of the metal-organic framework MIL-125 towards a highly enhanced catalytic performance for the oxidative desulfurization of 4,6-dimethyldibenzothiophene. <i>Dalton Transactions</i> , 2020, 49, 10052-10057.	1.6	27
24	Three-dimensional highly branched Pd ₃ Cu alloy multipods as enhanced electrocatalysts for formic acid oxidation. <i>RSC Advances</i> , 2016, 6, 43980-43984.	1.7	24
25	A 4-dimethylaminobenzoate-functionalized Ti ₆ -oxo cluster with a narrow band gap and enhanced photoelectrochemical activity: a combined experimental and computational study. <i>Dalton Transactions</i> , 2017, 46, 12313-12319.	1.6	24
26	Synthesis of mesoporous CuO microspheres with core-in-hollow-shell structure and its application for non-enzymatic sensing of glucose. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 131-138.	1.5	22
27	Heterogeneous Palladium-Catalyzed Hydrogen-Transfer Cyclization of Nitroacetophenones with Benzylamines: Access to C-N Bonds. <i>ChemCatChem</i> , 2016, 8, 3565-3569.	1.8	22
28	Glassy carbon electrode modified with a film composed of Ni(II), quercetin and graphene for enzyme-less sensing of glucose. <i>Mikrochimica Acta</i> , 2011, 174, 289-294.	2.5	21
29	Diferrocenes Bridged by a Geminal Diethynylethene Scaffold with Varying Pendant Substituents: Electronic Interactions in Cross-Conjugated System. <i>Organometallics</i> , 2017, 36, 4278-4286.	1.1	17
30	Synthesis of titanium-oxo macrocycles and their catalytic properties for oxidative desulfurization. <i>Dalton Transactions</i> , 2019, 48, 14044-14048.	1.6	16
31	Size modulation of MIL-125 nanocrystals to promote the catalytic performance towards oxidative desulfurization. <i>Dalton Transactions</i> , 2021, 50, 6506-6511.	1.6	14
32	CeO ₂ Nanotubes Supported Pd Electrocatalysts for Formic Acid Oxidation. <i>Electrocatalysis</i> , 2015, 6, 255-262.	1.5	12
33	A porous ternary PtPdCu alloy with a spherical network structure for electrocatalytic methanol oxidation. <i>RSC Advances</i> , 2016, 6, 83373-83379.	1.7	10
34	A photoactive {Ti ₁₆ } metal-organic capsule: structural, photoelectrochemical and photocatalytic properties. <i>New Journal of Chemistry</i> , 2018, 42, 14079-14082.	1.4	9
35	4-Chlorosalicylate-stabilized titanium-oxo clusters with structures mediated by tetrazole and their photophysical properties. <i>Polyhedron</i> , 2019, 157, 177-182.	1.0	9
36	New cholesterol-based gelator with orotate unit. <i>Supramolecular Chemistry</i> , 2013, 25, 441-445.	1.5	6

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37	Electrochemical Determination of Glucose in Human Serum Utilizing a Novel Nanocomposite Composed of Copper Nanoparticles in a Hollow Carbon Shell. <i>Analytical Letters</i> , 2015, 48, 137-146.	1.0	6
38	Long-distance electronic coupling in diferrocenyl compounds with cross-conjugated germinal-diethynylethene bridges. <i>Journal of Organometallic Chemistry</i> , 2018, 859, 99-105.	0.8	6
39	Syntheses, structures and photoelectrochemical properties of phosphite-stabilized titanium-oxo clusters containing 2,2'-biphenolato ligands. <i>Inorganic Chemistry Communication</i> , 2018, 97, 176-179.	1.8	6
40	Modulating the band gap and photoelectrochemical activity of dicarboxylate-stabilized titanium-oxo clusters. <i>Inorganica Chimica Acta</i> , 2018, 482, 16-22.	1.2	6
41	Structures, Photoelectrochemical and Photocatalytic Properties of Phosphite-Stabilized Titanium-Oxo Clusters Functionalized with Ferrocenecarboxylate Ligands. <i>Journal of Cluster Science</i> , 2019, 30, 1519-1524.	1.7	5
42	Organogel of fluorescein-based derivative formation in the selected pH value. <i>Supramolecular Chemistry</i> , 2013, 25, 881-885.	1.5	3
43	8-Hydroxyquinoline functionalized titanium-oxo clusters for visible-light-driven photocatalytic oxidative desulfurization. <i>Inorganic Chemistry Communication</i> , 2021, 130, 108681.	1.8	3
44	Synthesis, crystal structure, and photocatalytic property of heterometallic calcium-titanium oxo cluster with high aqueous stability. <i>Transition Metal Chemistry</i> , 2022, 47, 47-52.	0.7	3
45	Lanthanide-containing titanium-oxo clusters with high aqueous stability for photocatalytic application. <i>Journal of Molecular Structure</i> , 2022, 1263, 133169.	1.8	0
46	Synthesis of nickel-doped titanium-oxo clusters with enhanced visible-light photocatalytic activity. <i>Transition Metal Chemistry</i> , 0, , .	0.7	0