

# Yang Fan

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Lanthanide-containing titanium-oxo clusters with high aqueous stability for photocatalytic application. <i>Journal of Molecular Structure</i> , 2022, 1263, 133169.	1.8	0
3	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
4	8-Hydroxyquinoline functionalized titanium-oxo clusters for visible-light-driven photocatalytic oxidative desulfurization. <i>Inorganic Chemistry Communication</i> , 2021, 130, 108681.	1.8	3
5	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
6	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
7	Synthesis of titanium-oxo macrocycles and their catalytic properties for oxidative desulfurization. <i>Dalton Transactions</i> , 2019, 48, 14044-14048.	1.6	16
8	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
9	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
10	Long-distance electronic coupling in diferrocenyl compounds with cross-conjugated geminal-diethynylethene bridges. <i>Journal of Organometallic Chemistry</i> , 2018, 859, 99-105.	0.8	6
11	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
12	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
13	A photoactive {Ti16} metal-organic capsule: structural, photoelectrochemical and photocatalytic properties. <i>New Journal of Chemistry</i> , 2018, 42, 14079-14082.	1.4	9
14	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
15	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
16	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
17	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
18	A 4-dimethylaminobenzoate-functionalized Ti <sub>6</sub> -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

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19	Three-dimensional highly branched Pd <sub>3</sub> Cu alloy multipods as enhanced electrocatalysts for formic acid oxidation. RSC Advances, 2016, 6, 43980-43984.	1.7	24
20	Heterogeneous Palladium-Catalyzed Hydrogen-Transfer Cyclization of Nitroacetophenones with Benzylamines: Access to C <sup>α</sup> -N Bonds. ChemCatChem, 2016, 8, 3565-3569.	1.8	22
21	A porous ternary PtPdCu alloy with a spherical network structure for electrocatalytic methanol oxidation. RSC Advances, 2016, 6, 83373-83379.	1.7	10
22	Electrochemical Determination of Glucose in Human Serum Utilizing a Novel Nanocomposite Composed of Copper Nanoparticles in a Hollow Carbon Shell. Analytical Letters, 2015, 48, 137-146.	1.0	6
23	Porous hollow carbon spheres for electrode material of supercapacitors and support material of dendritic Pt electrocatalyst. Journal of Power Sources, 2015, 280, 30-38.	4.0	70
24	Three-dimensional hierarchical porous platinum-copper alloy networks with enhanced catalytic activity towards methanol and ethanol electro-oxidation. Journal of Power Sources, 2015, 296, 282-289.	4.0	45
25	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. Electrochimica Acta, 2015, 163, 140-148.	2.6	74
26	Microporous carbon derived from acacia gum with tuned porosity for high-performance electrochemical capacitors. International Journal of Hydrogen Energy, 2015, 40, 6188-6196.	3.8	69
27	CeO <sub>2</sub> Nanotubes Supported Pd Electrocatalysts for Formic Acid Oxidation. Electrocatalysis, 2015, 6, 255-262.	1.5	12
28	Synthesis of mesoporous CuO microspheres with core-in-hollow-shell structure and its application for non-enzymatic sensing of glucose. Journal of Applied Electrochemistry, 2015, 45, 131-138.	1.5	22
29	CuO nanoparticles supported on carbon microspheres as electrode material for supercapacitors. Ionics, 2015, 21, 185-190.	1.2	37
30	Hierarchical Macro-Mesoporous Ni(OH) <sub>2</sub> for Nonenzymatic Electrochemical Sensing of Glucose. Journal of the Electrochemical Society, 2014, 161, B201-B206.	1.3	45
31	Micro-mesoporous carbon spheres derived from carrageenan as electrode material for supercapacitors. Journal of Power Sources, 2014, 268, 584-590.	4.0	189
32	Light and acid dual-responsive organogel formation based on m-methyl red derivative. Organic and Biomolecular Chemistry, 2013, 11, 7931.	1.5	31
33	New cholesterol-based gelator with orotate unit. Supramolecular Chemistry, 2013, 25, 441-445.	1.5	6
34	Pt/TiO <sub>2</sub> -C with hetero interfaces as enhanced catalyst for methanol electrooxidation. Electrochimica Acta, 2013, 105, 157-161.	2.6	54
35	Nonenzymatic hydrogen peroxide electrochemical sensor based on carbon-coated SnO <sub>2</sub> supported Pt nanoparticles. Colloids and Surfaces B: Biointerfaces, 2013, 101, 106-110.	2.5	50
36	Organogel of fluorescein-based derivative formation in the selected pH value. Supramolecular Chemistry, 2013, 25, 881-885.	1.5	3

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37	SnO <sub>2</sub> nanospheres supported Pd catalyst with enhanced performance for formic acid oxidation. <i>Journal of Power Sources</i> , 2012, 215, 48-52.	4.0	38
38	Au@TiO <sub>2</sub> /Graphene Nanocomposite Film for Electrochemical Sensing of Hydrogen Peroxide and NADH. <i>Electroanalysis</i> , 2012, 24, 1334-1339.	1.5	47
39	Hierarchical structure SnO <sub>2</sub> supported Pt nanoparticles as enhanced electrocatalyst for methanol oxidation. <i>Electrochimica Acta</i> , 2012, 76, 475-479.	2.6	31
40	Electrochemistry and voltammetric determination of L-tryptophan and L-tyrosine using a glassy carbon electrode modified with a Nafion/TiO <sub>2</sub> -graphene composite film. <i>Mikrochimica Acta</i> , 2011, 173, 241-247.	2.5	156
41	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
42	Hydrothermal preparation and electrochemical sensing properties of TiO <sub>2</sub> @graphene nanocomposite. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 83, 78-82.	2.5	178
43	Electrochemical behavior and voltammetric determination of paracetamol on Nafion/TiO <sub>2</sub> @graphene modified glassy carbon electrode. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 85, 289-292.	2.5	218
44	TiO <sub>2</sub> -graphene nanocomposite for electrochemical sensing of adenine and guanine. <i>Electrochimica Acta</i> , 2011, 56, 4685-4690.	2.6	182
45	Wirelike Dinuclear Ruthenium Complexes Connected by Bis(ethynyl)oligothiophene. <i>Inorganic Chemistry</i> , 2007, 46, 5651-5664.	1.9	81
46	Synthesis of nickel-doped titanium-oxo clusters with enhanced visible-light photocatalytic activity. <i>Transition Metal Chemistry</i> , 0, , .	0.7	0