

# Dong xw

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

514  
citations

687363

13  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

741  
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of peroxymonosulfate by magnetic carbon supported Prussian blue nanocomposite for the degradation of organic contaminants with singlet oxygen and superoxide radicals. <i>Chemosphere</i> , 2019, 218, 1071-1081.	8.2	121
2	Selective recognition of parallel and anti-parallel thrombin-binding aptamer G-quadruplexes by different fluorescent dyes. <i>Nucleic Acids Research</i> , 2014, 42, 11612-11621.	14.5	64
3	Environmentally Friendly Flexible Strain Sensor from Waste Cotton Fabrics and Natural Rubber Latex. <i>Polymers</i> , 2019, 11, 404.	4.5	41
4	The rational design of specific SOD1 inhibitors via copper coordination and their application in ROS signaling research. <i>Chemical Science</i> , 2016, 7, 6251-6262.	7.4	37
5	An ESIPT fluorescent probe sensitive to protein $\alpha$ -helix structures. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5250-5259.	2.8	33
6	Effluent-free deep dyeing of cotton fabric with cacao husk extracts using the Taguchi optimization method. <i>Cellulose</i> , 2021, 28, 517-532.	4.9	31
7	Synthesis, structure and urease inhibition studies of Schiff base copper(II) complexes with planar four-coordinate copper(II) centers. <i>Journal of Inorganic Biochemistry</i> , 2013, 127, 82-89.	3.5	26
8	A novel 3-Hydroxychromone fluorescence sensor for intracellular Zn <sup>2+</sup> and its application in the recognition of prostate cancer cells. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 129-136.	7.8	23
9	Synthesis, characterization, and antibacterial activity of two silver(I) compounds with 4-dimethylaminopyridine. <i>Journal of Coordination Chemistry</i> , 2011, 64, 1663-1672.	2.2	17
10	One-step firing of carbon fiber and ceramic precursors for high performance electro-thermal composite: Influence of graphene coating. <i>Materials and Design</i> , 2020, 191, 108633.	7.0	17
11	Synthesis, crystal structures, and urease inhibition studies of two new Schiff-base copper complexes derived from <i>n</i> -butylamine. <i>Journal of Coordination Chemistry</i> , 2012, 65, 19-27.	2.2	15
12	Metal Complexes or Chelators with ROS Regulation Capacity: Promising Candidates for Cancer Treatment. <i>Molecules</i> , 2022, 27, 148.	3.8	15
13	3-Hydroxyflavone derivatives: promising scaffolds for fluorescent imaging in cells. <i>RSC Advances</i> , 2021, 11, 28851-28862.	3.6	14
14	One-step firing of cellulose fiber and ceramic precursors for functional electro-thermal composites. <i>Materials and Design</i> , 2019, 181, 107941.	7.0	11
15	Synthesis, crystal structure, and urease inhibition studies of copper(II) and cobalt(III) complexes with <i>bi</i> (2-fluorobenzylaminoethyl)amine. <i>Transition Metal Chemistry</i> , 2011, 36, 319-324.	1.4	10
16	Surface Modification Method of Polyacrylonitrile (PAN) Fibers by L-cysteine Coupling Protein. <i>Fibers and Polymers</i> , 2019, 20, 2581-2586.	2.1	10
17	Synthesis, screening and biological activity of potent thiosemicarbazone compounds as a tyrosinase inhibitor. <i>New Journal of Chemistry</i> , 2019, 43, 14102-14111.	2.8	8
18	Synthesis, characterization, and urease inhibitory activity of two copper(II) complexes of cyclohexanecarboxylate. <i>Transition Metal Chemistry</i> , 2012, 37, 361-366.	1.4	5

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19	Copper-thiosemicarbazone complexes conjugated-cellulose fibers: Biodegradable materials with antibacterial capacity. Carbohydrate Polymers, 2022, 294, 119839.	10.2	5
20	Modification of Polyacrylonitrile Fibers by Coupling to Thiosemicarbazones. Materials, 2019, 12, 3980.	2.9	4
21	Ultraviolet light triggers the conversion of Cu <sup>2+</sup> -bound Al <sup>2+</sup> aggregates into cytotoxic species in a copper chelation-independent manner. Scientific Reports, 2015, 5, 13897.	3.3	3
22	The Surface Structure Origin of Carbon Fiber with Enhanced Electrothermal Properties Prepared by Modification of Graphene Coating. Journal of Electronic Materials, 2022, 51, 4288-4298.	2.2	3
23	Ultraviolet irradiation-mediated formation of Al <sup>2+</sup> oligomers and reactive oxygen species in Zn <sup>2+</sup> -bound Al <sup>2+</sup> aggregates irrespective of the removal of Zn <sup>2+</sup> . New Journal of Chemistry, 2016, 40, 9385-9394.	2.8	1
24	Application and development of elastic fibers focusing on composition and structure. Journal of Physics: Conference Series, 2021, 2021, 012074.	0.4	0