

# Xiao Zhang

## List of Publications by Year in descending order

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85  
papers

2,193  
citations

331670

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243625

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97  
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97  
docs citations

97  
times ranked

3239  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on nanoparticle-surfactant nanofluids: formula fabrication and applications in enhanced oil recovery. <i>Journal of Dispersion Science and Technology</i> , 2022, 43, 745-759.	2.4	17
2	Clinical Features and Surgical Treatment of Subretinal Proliferation in Proliferative Diabetic Retinopathy. <i>Frontiers in Medicine</i> , 2022, 9, 833519.	2.6	1
3	Hyperuricemia is Related to the Risk of Cardiovascular Diseases in Ethnic Chinese Elderly Women. <i>Global Heart</i> , 2022, 17, 12.	2.3	6
4	Case Report: Intraocular Hemorrhage in a Primary Vitreoretinal Lymphoma Patient Treated With Zanubrutinib. <i>Frontiers in Medicine</i> , 2022, 9, 833565.	2.6	2
5	Enhanced $\text{H}_2\text{O}_2$ generation and pollutants removal by framework Cu doped $\text{LaAlO}_3/\text{Al}_2\text{O}_3$ . <i>Journal of Hazardous Materials</i> , 2022, 431, 128578.	12.4	12
6	Protective Effects of Marine Alkaloid Neolamellarin A Derivatives against Glutamate Induced PC12 Cell Apoptosis. <i>Marine Drugs</i> , 2022, 20, 262.	4.6	0
7	Bladder epithelial cell phosphate transporter inhibition protects mice against uropathogenic <i>Escherichia coli</i> infection. <i>Cell Reports</i> , 2022, 39, 110698.	6.4	14
8	A Review of Intraocular Biomolecules in Retinal Vein Occlusion: Toward Potential Biomarkers for Companion Diagnostics. <i>Frontiers in Pharmacology</i> , 2022, 13, 859951.	3.5	6
9	Pesticide Informatics Platform (PIP): An International Platform for Pesticide Discovery, Residue, and Risk Evaluation. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 6617-6623.	5.2	15
10	Learn to Segment Retinal Lesions and Beyond. , 2021, , .		14
11	Changes in cerebrospinal fluid interleukin-10 levels display better performance in predicting disease relapse than conventional magnetic resonance imaging in primary central nervous system lymphoma. <i>BMC Cancer</i> , 2021, 21, 183.	2.6	8
12	Serum uric acid and risk of prehypertension: a dose-response meta-analysis of 17 observational studies of approximately 79 thousand participants. <i>Acta Cardiologica</i> , 2021, , 1-10.	0.9	0
13	Deep learning-based detection and stage grading for optimising diagnosis of diabetic retinopathy. <i>Diabetes/Metabolism Research and Reviews</i> , 2021, 37, e3445.	4.0	16
14	Hypothalamus-Pituitary Dysfunction as an Independent Risk Factor for Postoperative Central Nervous System Infections in Patients With Sellar Region Tumors. <i>Frontiers in Endocrinology</i> , 2021, 12, 661305.	3.5	3
15	Long non-coding antisense RNA HYOU1-AS is essential to human breast cancer development through competitive binding hnRNPA1 to promote HYOU1 expression. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118951.	4.1	10
16	Lenalidomide and Rituximab Regimen Combined With Intravitreal Methotrexate Followed by Lenalidomide Maintenance for Primary Vitreoretinal Lymphoma: A Prospective Phase II Study. <i>Frontiers in Oncology</i> , 2021, 11, 701507.	2.8	7
17	HIV-1-Specific CAR-T Cells With Cell-Intrinsic PD-1 Checkpoint Blockade Enhance Anti-HIV Efficacy in vivo. <i>Frontiers in Microbiology</i> , 2021, 12, 684016.	3.5	15
18	Low-Dimensional Black Phosphorus in Sensor Applications: Advances and Challenges. <i>Advanced Functional Materials</i> , 2021, 31, 2106484.	14.9	19

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19	Tocilizumab for refractory rapidly progressive interstitial lung disease related to anti-MDA5-positive dermatomyositis. <i>Rheumatology</i> , 2021, 60, e227-e228.	1.9	28
20	Urinary Alpha1-Microglobulin: A New Predictor for In-Hospital Mortality in Patients with ST-Segment Elevation Myocardial Infarction. <i>Medical Science Monitor</i> , 2021, 27, e927958.	1.1	2
21	A multiethnic association analysis of hyperuricaemia with cardiovascular risk in rural and urban areas in Chinese adults. <i>Scientific Reports</i> , 2021, 11, 23362.	3.3	1
22	Fe <sub>2</sub> P encapsulated in carbon nanowalls decorated with well-dispersed Fe <sub>3</sub> C nanodots for efficient hydrogen evolution and oxygen reduction reactions. <i>Nanoscale</i> , 2021, 13, 17920-17928.	5.6	10
23	Regulation of Morphology and Electronic Structure of FeCoNi Layered Double Hydroxides for Highly Active and Stable Water Oxidization Catalysts. <i>Advanced Energy Materials</i> , 2021, 11, .	19.5	94
24	Modelling the broadest spectral band of the Crab nebula and constraining the ion acceleration efficiency. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3477-3483.	4.4	10
25	Reliability of optic disc edema area in estimating the severity of papilledema in patients with POEMS syndrome. <i>Orphanet Journal of Rare Diseases</i> , 2020, 15, 116.	2.7	2
26	Efficacy of conbercept combined with panretinal photocoagulation in the treatment of proliferative diabetic retinopathy. <i>Scientific Reports</i> , 2020, 10, 8778.	3.3	9
27	Diagnosis and treatment of low T3 syndrome in neurocritical patients. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2020, 45, 759-766.	1.5	8
28	Enhanced photocatalytic destruction of pollutants by surface W vacancies in VW-Bi <sub>2</sub> WO <sub>6</sub> under visible light. <i>Journal of Colloid and Interface Science</i> , 2020, 576, 385-393.	9.4	23
29	Dose-response association between serum uric acid levels and incident hypertension: a systematic review and meta-analysis of 17 prospective cohort studies of 32 thousand participants. <i>Acta Cardiologica</i> , 2020, 76, 1-6.	0.9	6
30	Corticosteroid eyedrops induced blepharoptosis and atrophy of levator muscle. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 1081-1086.	1.9	2
31	Comparison of aqueous humor levels of PlGF and VEGF in proliferative diabetic retinopathy before and after intravitreal conbercept injection. <i>Diabetes Research and Clinical Practice</i> , 2020, 162, 108083.	2.8	15
32	Combined Strategy for Post-Operative Patients with Central Nervous System Infections Caused by Extensively Drug-Resistant/Pan-Drug-Resistant <i>Acinetobacter baumannii</i> : A Retrospective Study. <i>Surgical Infections</i> , 2020, 21, 853-858.	1.4	3
33	Efficient repeated batch production of androstenedione using untreated cane molasses by <i>Mycobacterium neoaurum</i> driven by ATP futile cycle. <i>Bioresource Technology</i> , 2020, 309, 123307.	9.6	17
34	Economical production of androstenedione and 9 $\alpha$ -hydroxyandrostenedione using untreated cane molasses by recombinant mycobacteria. <i>Bioresource Technology</i> , 2019, 290, 121750.	9.6	21
35	Complete chloroplast genome of a Chinese endemic species <i>Corydalis trisecta</i> Franch. (Papaveraceae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2291-2292.	0.4	8
36	Environmental Filtering Drives Local Soil Fungal beta Diversity More than Dispersal Limitation in Six Forest Types along a Latitudinal Gradient in Eastern China. <i>Forests</i> , 2019, 10, 863.	2.1	5

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37	Bromadiolone poisoning leading to subarachnoid haemorrhage: A case report and review of the literature. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2019, 44, 958-962.	1.5	11
38	Self-supported tripod-like nickel phosphide nanowire arrays for hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22412-22419.	10.3	59
39	Efficient production of androstenedione by repeated batch fermentation in waste cooking oil media through regulating NAD <sup>+</sup> /NADH ratio and strengthening cell vitality of <i>Mycobacterium neoaurum</i> . <i>Bioresource Technology</i> , 2019, 279, 209-217.	9.6	32
40	The surface engineering of cobalt carbide spheres through N, B co-doping achieved by room-temperature <i>in situ</i> anchoring effects for active and durable multifunctional electrocatalysts. <i>Journal of Materials Chemistry A</i> , 2019, 7, 14904-14915.	10.3	88
41	Optical coherence tomography angiography analysis of the choriocapillary layer in treatment-naïve diabetic eyes. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 1393-1399.	1.9	28
42	Identity-based proxy signature over NTRU lattice. <i>International Journal of Communication Systems</i> , 2019, 32, e3867.	2.5	8
43	Three acquired immunodeficiency syndrome patients with central nervous system infection. <i>Chinese Medical Journal</i> , 2019, 132, 2754-2756.	2.3	1
44	Multi-authority attribute-based encryption scheme with constant-size ciphertexts and user revocation. <i>Concurrency Computation Practice and Experience</i> , 2019, 31, e4678.	2.2	6
45	The complete chloroplast genome of a critically endangered tree species in China, <i>Cyclobalanopsis obovatifolia</i> (Fagaceae). <i>Conservation Genetics Resources</i> , 2019, 11, 31-33.	0.8	3
46	Observation of optic disc neovascularization using OCT angiography in proliferative diabetic retinopathy after intravitreal conbercept injections. <i>Scientific Reports</i> , 2018, 8, 3972.	3.3	20
47	Characterization of the complete chloroplast genome sequence of <i>Tapiscia sinensis</i> (Tapisciaceae). <i>Conservation Genetics Resources</i> , 2018, 10, 765-768.	0.8	3
48	Characterization of the complete mitochondrial genome sequence of <i>Artamus cinereus</i> (Passeriformes: Artamidae). <i>Conservation Genetics Resources</i> , 2018, 10, 821-824.	0.8	0
49	Effect of Shell Growth on the Morphology of Polyvinyl Acetate/Polystyrene Inverted Core-Shell Latex Fabricated by Acrylonitrile Grafting. <i>Materials</i> , 2018, 11, 2482.	2.9	4
50	Hollow N-Doped Carbon Polyhedron Containing CoNi Alloy Nanoparticles Embedded within Few-Layer N-Doped Graphene as High-Performance Electromagnetic Wave Absorbing Material. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 24920-24929.	8.0	224
51	Self-template synthesis of hierarchical CoMoS <sub>3</sub> nanotubes constructed of ultrathin nanosheets for robust water electrolysis. <i>Journal of Materials Chemistry A</i> , 2017, 5, 11309-11315.	10.3	86
52	Characterization of the complete chloroplast genome sequence of <i>Lepidium meyenii</i> (Brassicaceae). <i>Conservation Genetics Resources</i> , 2017, 9, 405-408.	0.8	6
53	An efficient image encryption algorithm based on a novel chaotic map. <i>Multimedia Tools and Applications</i> , 2017, 76, 24251-24280.	3.9	13
54	An improved biometrics based authentication scheme using extended chaotic maps for multimedia medicine information systems. <i>Multimedia Tools and Applications</i> , 2017, 76, 24315-24341.	3.9	2

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55	Association of Bone Metabolic Markers With Diabetic Retinopathy and Diabetic Macular Edema in Elderly Chinese Individuals With Type 2 Diabetes Mellitus. <i>American Journal of the Medical Sciences</i> , 2017, 354, 355-361.	1.1	8
56	OCULAR MANIFESTATIONS AND TREATMENT OUTCOMES IN CHINESE PATIENTS WITH POEMS SYNDROME. <i>Retina</i> , 2017, 37, 1784-1791.	1.7	12
57	Ocular manifestations as first signs of systemic T cell lymphoma in two cases. <i>BMC Ophthalmology</i> , 2017, 17, 99.	1.4	2
58	Genetic Differentiation and Population Genetic Structure of the Chinese Endemic Dipteronia Oliv. Revealed by cpDNA and AFLP Data. <i>Forests</i> , 2017, 8, 424.	2.1	7
59	Interindividual Heterogeneity of Hypoxic Response of Vascular Endothelial Growth Factor and Intercellular Adhesive Molecule-1 in Monocytes from Diabetic Patients. <i>Chinese Medical Journal</i> , 2016, 129, 2882-2884.	2.3	1
60	Cryptanalysis and Improvement of a Biometric-Based Multi-Server Authentication and Key Agreement Scheme. <i>PLoS ONE</i> , 2016, 11, e0149173.	2.5	54
61	Antithrombotic activities of fucosylated chondroitin sulfates and their depolymerized fragments from two sea cucumbers. <i>Carbohydrate Polymers</i> , 2016, 152, 343-350.	10.2	55
62	Internal limiting membrane transplantation for unclosed and large macular holes. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 2095-2099.	1.9	65
63	Low anticoagulant heparin oligosaccharides as inhibitors of BACE-1, the Alzheimer's $\beta$ -secretase. <i>Carbohydrate Polymers</i> , 2016, 151, 51-59.	10.2	19
64	Construction of Boolean functions with excellent cryptographic criteria using bivariate polynomial representation. <i>International Journal of Computer Mathematics</i> , 2016, 93, 425-444.	1.8	3
65	A Fast Color Image Encryption Algorithm Using 4-Pixel Feistel Structure. <i>PLoS ONE</i> , 2016, 11, e0165937.	2.5	7
66	A colour image encryption algorithm using 4-pixel Feistel structure and multiple chaotic systems. <i>Nonlinear Dynamics</i> , 2015, 81, 151-168.	5.2	46
67	Tuning the Charge Transport Property of Naphthalene Diimide Derivatives by Changing the Substituted Position of Fluorine Atom on Molecular Backbone. <i>Chinese Journal of Chemistry</i> , 2014, 32, 1057-1064.	4.9	9
68	Multifunctional Up-Converting Nanocomposites with Smart Polymer Brushes Gated Mesopores for Cell Imaging and Thermo/pH Dual-Responsive Drug Controlled Release. <i>Advanced Functional Materials</i> , 2013, 23, 4067-4078.	14.9	209
69	Drug Delivery: Multifunctional Up-Converting Nanocomposites with Smart Polymer Brushes Gated Mesopores for Cell Imaging and Thermo/pH Dual-Responsive Drug Controlled Release ( <i>Adv. Funct. Mater.</i> )	14.9	209
70	Controlled synthesis and luminescent properties of uniform SrMoO <sub>4</sub> hollow microstructures and application as drug carrier. <i>RSC Advances</i> , 2013, 3, 5945.	3.6	8
71	Efficient and exact duplicate detection on cloud. <i>Concurrency Computation Practice and Experience</i> , 2013, 25, 2187-2206.	2.2	2
72	Hierarchical bundles structure of $\beta$ -NaLuF <sub>4</sub> : facile synthesis, shape evolution, and luminescent properties. <i>RSC Advances</i> , 2012, 2, 10337.	3.6	16

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73	Morphology-controllable synthesis and enhanced luminescence properties of $\text{NaLuF}_4:\text{Ln}$ (Ln = Eu, Tb) <i>J. Mater. Chem.</i> 2011, 21, 10784-10791.	10.7	843
74	Tunable multicolor and bright white emission of one-dimensional $\text{NaLuF}_4:\text{Yb}^{3+}, \text{Ln}^{3+}$ (Ln = Er, Tm, Ho) <i>J. Mater. Chem.</i> 2010, 20, 1000-1006.	6.7	167
75	Controllable synthesis, morphology evolution and luminescence properties of $\text{NaLa}(\text{WO}_4)_2$ microcrystals. <i>CrystEngComm</i> , 2012, 14, 2235.	2.6	52
76	The high yield synthesis and characterization of gold nanoparticles with superior stability and their catalytic activity. <i>CrystEngComm</i> , 2012, 14, 7600.	2.6	43
77	Rapid, morphologically controllable, large-scale synthesis of uniform $\text{Y}(\text{OH})_3$ and tunable luminescent properties of $\text{Y}_2\text{O}_3:\text{Yb}^{3+}/\text{Ln}^{3+}$ (Ln = Er, Tm and Ho). <i>Journal of Materials Chemistry</i> , 2012, 22, 16136.	6.7	63
78	Rapid microwave reflux process for the synthesis of pure hexagonal $\text{NaYF}_4:\text{Yb}^{3+}, \text{Ln}^{3+}, \text{Bi}^{3+}$ (Ln <sup>3+</sup> = Er <sup>3+</sup> ,) <i>J. Mater. Chem.</i> 2010, 20, 1000-1006.	6.7	104
79	$\text{La}(\text{OH})_3:\text{Ln}^{3+}$ and $\text{La}_2\text{O}_3:\text{Ln}^{3+}$ (Ln = Yb/Er) <i>J. Mater. Chem.</i> 2012, 22, 306-312.	3.0	59
80	Optimized statistical analysis of software trustworthiness attributes. <i>Science China Information Sciences</i> , 2012, 55, 2508-2520.	4.3	10
81	Cysteine-rich 61 (CYR61) is up-regulated in proliferative diabetic retinopathy. <i>Graefes' Archive for Clinical and Experimental Ophthalmology</i> , 2012, 250, 661-668.	1.9	17
82	Facile and mass production synthesis of $\text{NaYF}_4:\text{Yb}^{3+}, \text{Er}^{3+}/\text{Tm}^{3+}$ 1D microstructures with multicolor up-conversion luminescence. <i>Chemical Communications</i> , 2011, 47, 12143.	4.1	67
83	Surgical management of epiretinal membrane in combined hamartomas of the retina and retinal pigment epithelium. <i>Retina</i> , 2010, 30, 305-9.	1.7	10
84	Ultrasonic-induced synthesis of high surface area colloids $\text{CeO}_2/\text{ZrO}_2$ . <i>Journal of Nanoparticle Research</i> , 2009, 11, 737-741.	1.9	19
85	Atypical presentations of choroidal melanocytoma. <i>Chinese Medical Journal</i> , 2009, 122, 1238-40.	2.3	3