

# Chi Yang

## List of Publications by Year in descending order

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43  
papers

1,492  
citations

304602

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315616

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43  
docs citations

43  
times ranked

2419  
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric Chemistry of Oxalate: Insight Into the Role of Relative Humidity and Aerosol Acidity From High-Resolution Observation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	3
2	Development, characterization, and application of an improved online reactive oxygen species analyzer based on the Monitor for Aerosols and Gases in ambient Air (MARGA). <i>Atmospheric Measurement Techniques</i> , 2022, 15, 2623-2633.	1.2	3
3	CdS quantum dots/Au nanoparticles/ZnO nanowire array for self-powered photoelectrochemical detection of Escherichia coli O157:H7. <i>Biosensors and Bioelectronics</i> , 2020, 149, 111843.	5.3	66
4	Isomerization and Degradation of Levoglucosan via the Photo-Fenton Process: Insights from Aqueous-Phase Experiments and Atmospheric Particulate Matter. <i>Environmental Science &amp; Technology</i> , 2020, 54, 11789-11797.	4.6	7
5	Insight into the photochemistry of atmospheric oxalate through hourly measurements in the northern suburbs of Nanjing, China. <i>Science of the Total Environment</i> , 2020, 719, 137416.	3.9	7
6	Green synthesis of Co-Ni hollow spheres for its electrochemical detection of dopamine. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	9
7	Millepora sp. fossil-like nickel-cobalt microsphere and its neurotransmitter electrochemical activity. <i>Journal of Alloys and Compounds</i> , 2020, 826, 154087.	2.8	3
8	Engineering Interfaces to Steer Hole Dynamics of BiVO <sub>4</sub> Photoanodes for Solar Water Oxidation. <i>Solar Rrl</i> , 2019, 3, 1900115.	3.1	23
9	Ultra-long ZnO/carbon nanofiber as free-standing electrochemical sensor for dopamine in the presence of uric acid. <i>Journal of Materials Science</i> , 2019, 54, 14897-14904.	1.7	17
10	Trash to treasure: A novel chemical route to synthesis of NiO/C for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 16144-16153.	3.8	48
11	Photoelectrochemical response to glutathione in Au-decorated ZnO nanorod array. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5624-5629.	2.7	24
12	Millemore species-like ultra-long carbon fiber/cobalt nickel and its electrochemical activity. <i>Materials Research Express</i> , 2019, 6, 115621.	0.8	0
13	Hydrothermal synthesized urchin-like nickel-cobalt carbonate hollow spheres for sensitive amperometric detection of nitrite. <i>Journal of Alloys and Compounds</i> , 2017, 708, 780-786.	2.8	31
14	A review on nanomaterial-based electrochemical sensors for H <sub>2</sub> O <sub>2</sub> , H <sub>2</sub> S and NO inside cells or released by cells. <i>Mikrochimica Acta</i> , 2017, 184, 1267-1283.	2.5	130
15	Rapid Synthesis of ZIF-8 Nanocrystals for Electrochemical Detection of Dopamine. <i>Journal of the Electrochemical Society</i> , 2017, 164, H952-H957.	1.3	51
16	Accessing 1,3-Dienes via Palladium-Catalyzed Allylic Alkylation of Pronucleophiles with Skipped Enynes. <i>Organic Letters</i> , 2017, 19, 4710-4713.	2.4	29
17	Chemical characteristics of dicarboxylic acids and related organic compounds in PM <sub>2.5</sub> during biomass-burning and non-biomass-burning seasons at a rural site of Northeast China. <i>Environmental Pollution</i> , 2017, 231, 654-662.	3.7	72
18	Controllable Rh(III)-Catalyzed Annulation between Salicylaldehydes and Diazo Compounds: Divergent Synthesis of Chromones and Benzofurans. <i>Organic Letters</i> , 2016, 18, 6464-6467.	2.4	105

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19	Electrodeposition of Biocomposite Film Onto ZnO Nanoparticles Modified Electrode for Closed-Loop Insulin Delivery. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 2307-2312.	0.9	4
20	Cooperative Palladium/Proline-Catalyzed Direct $\alpha$ -Allylic Alkylation of Ketones with Alkynes. <i>Organic Letters</i> , 2016, 18, 5332-5335.	2.4	53
21	[3 + 2] Cycloaddition Reaction of in Situ Formed Azaoxyallyl Cations with Aldehydes: An Approach to Oxazolidin-4-ones. <i>Organic Letters</i> , 2016, 18, 4618-4621.	2.4	67
22	In situ Magnesiothermal Synthesis of Mesoporous MgO/OMC Composite for Sensitive Detection of Lead Ions. <i>Electroanalysis</i> , 2016, 28, 2939-2946.	1.5	7
23	Application of nickel cobalt oxide nanoflakes for electrochemical sensing of estriol in milk. <i>RSC Advances</i> , 2016, 6, 65588-65593.	1.7	12
24	Biotransformation and metabolic profile of catalpol with human intestinal microflora by ultra-performance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1009-1010, 163-169.	1.2	24
25	Synthesis of ZnO nanorods-Au nanoparticles hybrids via in-situ plasma sputtering-assisted method for simultaneous electrochemical sensing of ascorbic acid and uric acid. <i>Journal of Alloys and Compounds</i> , 2016, 666, 178-184.	2.8	38
26	Coaxial carbon fiber/ZnO nanorods as electrodes for the electrochemical determination of dopamine. <i>Analytical Methods</i> , 2016, 8, 650-655.	1.3	18
27	In situ growth of microporous ZnO nanorods on ITO for dopamine oxidization. <i>Materials Letters</i> , 2016, 162, 246-249.	1.3	7
28	rGO quantum dots/ZnO hybrid nanofibers fabricated using electrospun polymer templates and applications in drug screening involving an intracellular $H_2O_2$ sensor. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2651-2659.	2.9	42
29	In situ plasma sputtering synthesis of ZnO nanorods-Ag nanoparticles hybrids and their application in non-enzymatic hydrogen peroxide sensing. <i>Nanotechnology</i> , 2015, 26, 335502.	1.3	4
30	Biotransformation of luteoloside by a newly isolated human intestinal bacterium using UHPLC-Q-TOF/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 991, 1-8.	1.2	7
31	Reduced Graphene Oxide-Based Assay for Real-Time Monitoring of Cancer Cell Viability. <i>Nano</i> , 2015, 10, 1550094.	0.5	0
32	A nanoporous MgO based nonenzymatic electrochemical sensor for rapid screening of hydrogen peroxide in milk. <i>RSC Advances</i> , 2015, 5, 86485-86489.	1.7	83
33	UPLC-Q-TOF/MS-based screening and identification of two major bioactive components and their metabolites in normal and CKD rat plasma, urine and feces after oral administration of <i>Rehmannia glutinosa</i> Libosch extract. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1001, 98-106.	1.2	43
34	Fabrication of Gold Nanorods with Tunable Longitudinal Surface Plasmon Resonance Peaks by Reductive Dopamine. <i>Langmuir</i> , 2015, 31, 817-823.	1.6	134
35	Growth mechanism and optical property of ZnO nanocrystals synthesized by corrosion of Cu-Zn alloy. <i>Materials Letters</i> , 2014, 117, 231-233.	1.3	2
36	Nanostructured ZnO for biosensing applications. <i>Science Bulletin</i> , 2013, 58, 2563-2566.	1.7	41

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37	First Principle Calculation of Polar and Nonpolar Molecule Adsorption on ZnO (0001) and (1010) Surface. <i>Nanoscience and Nanotechnology Letters</i> , 2013, 5, 110-115.	0.4	3
38	Quantum-dot-based biosensor for simultaneous detection of biomarker and therapeutic drug: first steps toward an assay for quantitative pharmacology. <i>Analyst</i> , The, 2012, 137, 1205.	1.7	29
39	ZnO/Cu Nanocomposite: A Platform for Direct Electrochemistry of Enzymes and Biosensing Applications. <i>Langmuir</i> , 2012, 28, 4580-4585.	1.6	72
40	Identification of visible emission from ZnO quantum dots: Excitation-dependence and size-dependence. <i>Journal of Applied Physics</i> , 2012, 111, 083521.	1.1	40
41	A displacement assay for the sensing of carbohydrate using zinc oxide biotracers. <i>Electrochimica Acta</i> , 2012, 60, 50-54.	2.6	6
42	ZnO quantum dot labeled immunosensor for carbohydrate antigen 19-9. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2720-2723.	5.3	104
43	Self-assembled ZnO quantum dot bioconjugates for direct electrochemical determination of allergen. <i>Journal of Electroanalytical Chemistry</i> , 2011, 660, 97-100.	1.9	24