

# Chuangang Fan

## List of Publications by Year in descending order

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37  
papers

517  
citations

687363

13  
h-index

677142

22  
g-index

37  
all docs

37  
docs citations

37  
times ranked

549  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lysine-assisted hydrothermal synthesis of urchin-like ordered arrays of mesoporous Co(OH) <sub>2</sub> nanowires and their application in electrochemical capacitors. <i>Journal of Materials Chemistry</i> , 2010, 20, 10809.	6.7	115
2	Synthesis of Zinc Bismuthate Nanorods and Electrochemical Performance for Sensitive Determination of L-Cysteine. <i>Journal of the Electrochemical Society</i> , 2016, 163, H1-H8.	2.9	49
3	Low temperature growth and characterizations of single crystalline CuGeO <sub>3</sub> nanowires. <i>CrystEngComm</i> , 2009, 11, 1696.	2.6	41
4	Structure, morphology, and microwave dielectric properties of SmAlO <sub>3</sub> synthesized by stearic acid route. <i>Journal of Advanced Ceramics</i> , 2020, 9, 558-566.	17.4	34
5	Synthesis and characterization of manganese vanadate nanorods as glassy carbon electrode modified materials for the determination of l-cysteine. <i>CrystEngComm</i> , 2013, 15, 1729.	2.6	29
6	Formation process of calcium vanadate nanorods and their electrochemical sensing properties. <i>Journal of Materials Research</i> , 2012, 27, 2391-2400.	2.6	28
7	Electrochemical determination of L-cysteine using polyaniline/CuGeO <sub>3</sub> nanowire modified electrode. <i>Russian Journal of Electrochemistry</i> , 2014, 50, 458-467.	0.9	23
8	Synthesis of Li-doped bismuth oxide nanoplates, Co nanoparticles modification, and good photocatalytic activity toward organic pollutants. <i>Toxicological and Environmental Chemistry</i> , 2020, 102, 356-385.	1.2	19
9	Electrochemical Behaviors of Ascorbic Acid at CuGeO <sub>3</sub> /Polyaniline Nanowire Modified Glassy Carbon Electrode. <i>Journal of the Electrochemical Society</i> , 2012, 159, G107-G111.	2.9	18
10	Electrochemical behavior of tartaric acid at CuGeO <sub>3</sub> nanowire modified glassy carbon electrode. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 2243-2249.	2.5	16
11	Formation of Ba bismuthate nanobelts and sensitive electrochemical determination of tartaric acid. <i>Materials Research Express</i> , 2017, 4, 075047.	1.6	15
12	Bismuth Tellurate Nanospheres and Electrochemical Behaviors of L-Cysteine at the Nanospheres Modified Electrode. <i>Russian Journal of Electrochemistry</i> , 2018, 54, 84-91.	0.9	15
13	Synthesis and characterizations of calcium germanate nanowires. <i>CrystEngComm</i> , 2011, 13, 4658.	2.6	14
14	Large-scale synthesis of submicron gallium oxide hydrate rods and their optical and electrochemical properties. <i>Crystal Research and Technology</i> , 2010, 45, 1087-1093.	1.3	11
15	Flame retardant rigid polyurethane foam composites based on microencapsulated ammonium polyphosphate and microencapsulated expanded graphite. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2021, 58, 659-668.	2.2	11
16	Graphene/zinc bismuthate nanorods composites and their electrochemical sensing performance for ascorbic acid. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019, 27, 58-64.	2.1	10
17	Facile Cetyltrimethylammonium Bromide (CTAB)-assisted Synthesis of Calcium Bismuthate Nanoflakes with Solar Light Photocatalytic Performance. <i>Current Nanoscience</i> , 2021, 17, 315-326.	1.2	9
18	Synthesis and Electrochemical Properties of Ag <sub>2</sub> S and Ag <sub>2</sub> S/Cu <sub>2</sub> S Crystals. <i>E-Journal of Surface Science and Nanotechnology</i> , 2010, 8, 384-387.	0.4	7

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19	Preparation of copper germanate nanowires with good electrochemical sensing properties. <i>Crystal Research and Technology</i> , 2011, 46, 103-112.	1.3	7
20	Controllable synthesis of BiPr composite oxide nanowires electrocatalyst for sensitive L-cysteine sensing properties. <i>Nanotechnology</i> , 2022, 33, 345704.	2.6	7
21	CuGeO <sub>3</sub> /polyaniline nanowires and their electrochemical responses for tartaric acid. <i>Measurement Science and Technology</i> , 2012, 23, 115701.	2.6	6
22	Formation mechanism of manganese vanadate microtubes and their electrochemical sensing properties. <i>International Journal of Materials Research</i> , 2013, 104, 1267-1273.	0.3	6
23	Synthesis and microwave dielectric properties of Ca <sub>0.6</sub> La <sub>0.267</sub> TiO <sub>3</sub> nanocrystalline powders by sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 59, 525-531.	2.4	4
24	In-situ synthesis of polynaphthylamine/graphene composites for the electrochemical sensing of benzoic acid. <i>Materials Research Express</i> , 2019, 6, 015053.	1.6	4
25	Preparation and characterisation of environmental-friendly ceramsites from iron ore tailings and sludge. <i>International Journal of Sustainable Engineering</i> , 2021, 14, 884-892.	3.5	4
26	Microstructure and mechanical performance of acicular mullite-reinforced porous self-bonded ceramics. <i>Journal of Materials Science</i> , 2020, 55, 9322-9329.	3.7	3
27	A Facile Route to Synthesize DyF <sub>3</sub> /Bi <sub>2</sub> O <sub>3</sub> Nanowires and Sensitive L-cysteine Sensing Properties. <i>Journal of the Electrochemical Society</i> , 2022, 169, 076504.	2.9	3
28	Low temperature synthesis of CuGeO <sub>3</sub> nanoflowers from n-heptane solvent. <i>International Journal of Materials Research</i> , 2011, 102, 1391-1396.	0.3	2
29	Facile Synthesis of Polyaniline/Bismuth Nickelate Nanorod Composites for Sensitive Tartaric Acid Detection. <i>Surface Engineering and Applied Electrochemistry</i> , 2019, 55, 335-341.	0.8	2
30	A facile chemical route to prepare Nd[(Zn <sub>0.7</sub> Co <sub>0.3</sub> ) <sub>0.5</sub> Ti <sub>0.5</sub> ]O <sub>3</sub> powders and microwave dielectric materials. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 95, 375-383.	2.4	2
31	Dependence of growth conditions on copper germanate nanowires and their electrochemical characteristics. <i>Materials Science-Poland</i> , 2011, 29, 241-247.	1.0	1
32	Mechanical Performance of the Phosphogypsum Baking-free Bricks. <i>Current Materials Science</i> , 2021, 14, 131-140.	0.4	1
33	Preparation and Characterization of Lightweight Wall Materials Based on a Binder Mainly Including Phosphor-gypsum. <i>Journal of Advanced Concrete Technology</i> , 2020, 18, 689-698.	1.8	1
34	Effects of TiO <sub>2</sub> on the Microstructure of Synthesized Elongated Mullite. <i>InterCeram: International Ceramic Review</i> , 2018, 67, 30-35.	0.2	0
35	Ethylenediaminetetraacetic Acid Assisted Synthesis of Bismuth Oxide/Indium Oxide Microspheres with Good Photocatalytic Performance. <i>E-Journal of Surface Science and Nanotechnology</i> , 2021, 19, 24-31.	0.4	0
36	Fabrication of Baking-free Bricks from Iron Ore Tailings. <i>Current Materials Science</i> , 2021, 13, 97-110.	0.4	0

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37	Utilizing Iron Tailing, Sludge and Fly Ash to Prepare Ceramsites. Current Materials Science, 2020, 13, 16-25.	0.4	0