

Yang Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6113387/publications.pdf>

Version: 2024-02-01

31
papers

2,240
citations

516710

16
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

3350
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Organic Frameworks as Platforms for Catalytic Applications. <i>Advanced Materials</i> , 2018, 30, e1703663.	21.0	1,210
2	A metal-organic framework and conducting polymer based electrochemical sensor for high performance cadmium ion detection. <i>Journal of Materials Chemistry A</i> , 2017, 5, 8385-8393.	10.3	294
3	Structure-Dependent Microwave Dielectric Properties and Middle-Temperature Sintering of Forsterite ($Mg_{1-x}Ni_x$) $_{2}SiO_4$ Ceramics. <i>Journal of the American Ceramic Society</i> , 2015, 98, 702-710.	3.8	89
4	Low-Temperature-Fired $ReVO_4$ ($Re=La, Ce$) Microwave Dielectric Ceramics. <i>Journal of the American Ceramic Society</i> , 2015, 98, 1-4.	3.8	78
5	Graphite phase carbon nitride based membrane for selective permeation. <i>Nature Communications</i> , 2019, 10, 2500.	12.8	71
6	Conductive and Chiral Polymer-Modified Metal-Organic Framework for Enantioselective Adsorption and Sensing. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 26365-26371.	8.0	54
7	Molecular Vise Approach to Create Metal-Binding Sites in MOFs and Detection of Biomarkers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7120-7125.	13.8	49
8	Molecular Surgery at Microporous MOF for Mesopore Generation and Renovation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14601-14608.	13.8	48
9	A novel low-temperature fired microwave dielectric ceramic $BaMg_2V_2O_8$ with ultra-low loss. <i>Journal of the European Ceramic Society</i> , 2016, 36, 247-251.	5.7	45
10	Green emission of indium oxide via hydrogen treatment. <i>RSC Advances</i> , 2018, 8, 11828-11833.	3.6	35
11	Combustible ice mimicking behavior of hydrogen-bonded organic framework at ambient condition. <i>Nature Communications</i> , 2020, 11, 3124.	12.8	30
12	Exfoliating Polyoxometalate-Encapsulating Metal-Organic Framework into Two-Dimensional Nanosheets for Superior Oxidative Desulfurization. <i>ChemCatChem</i> , 2018, 10, 5386-5390.	3.7	28
13	Dual-Function HKUST-1: Templating and Catalyzing Formation of Graphitic Carbon Nitride Quantum Dots Under Mild Conditions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21499-21504.	13.8	22
14	Superficial Chiral Etching on Achiral Metal-Organic Framework for Enantioselective Sorption. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32264-32269.	8.0	20
15	Phase evolution and microwave dielectric properties of $Li_4Ti_5(1+x)O_{12}$ ceramics. <i>Materials Letters</i> , 2016, 164, 353-355.	2.6	19
16	Molecular Vise Approach to Create Metal-Binding Sites in MOFs and Detection of Biomarkers. <i>Angewandte Chemie</i> , 2018, 130, 7238-7243.	2.0	19
17	Structure and microwave dielectric properties of $Ba_{1-x}Sr_xMg_2V_2O_8$ ceramics. <i>Ceramics International</i> , 2016, 42, 10801-10807.	4.8	15
18	Highly Crystalline Carbon Nitride Nanosheets for Ultrahigh Photocatalytic Hydrogen Evolution. <i>ChemPhotoChem</i> , 2018, 2, 490-497.	3.0	15

#	ARTICLE	IF	CITATIONS
19	Stimuli-responsive anisotropic actuation of melem-formaldehyde polymer. <i>Materials Horizons</i> , 2020, 7, 149-156.	12.2	13
20	Li ₂ Zn ₃ Ti ₄ O ₁₂ ·Ba ₃ (VO ₄) ₂ microwave dielectric ceramics sintered at a low temperature without glass addition. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 5570-5575.	2.2	11
21	Efficient Solar Evaporation by [Ni(Phen) ₃][V ₁₄ O ₃₄ Cl]Cl Hybrid Semiconductor Confined in Mesoporous Glass. <i>ChemSusChem</i> , 2020, 13, 2945-2951.	6.8	11
22	A gigantic polyoxozirconate with visible photoactivity. <i>Dalton Transactions</i> , 2017, 46, 10185-10188.	3.3	10
23	Effect of non-stoichiometry on the structure and microwave dielectric properties of BaMg ₂ V ₂ O ₈ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 16192-16198.	2.2	9
24	Hyperstable chromium(III)/manganese(II) bimetallic wheel clusters with visible photoactivity. <i>Dalton Transactions</i> , 2019, 48, 10669-10675.	3.3	9
25	One-Step Synthesis of Dicyanobenzene-Derived Nitrogen-Doped Porous Carbon Monolayers: Porosity and Near-Infrared Photoactivity. <i>ChemCatChem</i> , 2017, 9, 4043-4048.	3.7	8
26	Sintering behavior and microwave dielectric properties of Li ₂ O·B ₂ O ₃ ·SiO ₂ doped MgTiO ₃ ·CaTiO ₃ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 4963-4968.	2.2	7
27	Dual-Function HKUST-1: Templating and Catalyzing Formation of Graphitic Carbon Nitride Quantum Dots Under Mild Conditions. <i>Angewandte Chemie</i> , 2020, 132, 21683-21688.	2.0	6
28	Efficient Photo-Thermo-Electric Conversion Using Polyoxovanadate in Ionic Liquid for Low-Grade Heat Utilization. <i>ChemSusChem</i> , 2021, 14, 5434-5441.	6.8	6
29	Two-dimensional graphitic carbon nitride based membranes for separation. <i>Science Bulletin</i> , 2019, 64, 1385-1387.	9.0	4
30	Molecular Surgery at Microporous MOF for Mesopore Generation and Renovation. <i>Angewandte Chemie</i> , 2021, 133, 14722-14729.	2.0	3
31	Soluble Hybrid Ionic Semiconductor and Its Photovoltaic Effect in Solution. <i>ACS Applied Materials & Interfaces</i> , 0, , .	8.0	2