

# Hongming Yuan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1282037/publications.pdf>

Version: 2024-02-01

52  
papers

911  
citations

516710

16  
h-index

501196

28  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1388  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proton-Conducting Vanadoborate with New $[V_{10}B_{26}]$ Clusters. <i>Crystal Growth and Design</i> , 2022, 22, 1824-1830.	3.0	4
2	Effects of different pore structures on loading and sustained-release of mitomycin C by hollow mesoporous $Fe(O)@mSiO_2$ . <i>Journal of Porous Materials</i> , 2022, 29, 1489-1505.	2.6	2
3	Improved Dielectric and Energy Storage Properties of $Ba_{0.8}Ca_{0.2}TiO_3$ Ceramics by Doping $Ba(Mg_{1/3})TiO_3$ . <i>Journal of Electroceramics</i> , 2021, 47, 67-78.	1.8	1
4	Enhanced energy storage properties at phase boundary in $Fe$ -doped $Ba(Zr_{0.04}Ti_{0.96})O_3$ ceramics with a slush polar state. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 13972-13984.	2.2	3
5	$Fe$ -doping as a universal phase boundary shifter for BCZT ceramics across the morphotropic phase boundary. <i>Journal of Electroceramics</i> , 2021, 47, 67-78.	2.0	1
6	Fascinating Tin Effects on the Enhanced and Large-Current-Density Water Splitting Performance of $SrNi_2(OH)_2$ . <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 42861-42869.	8.0	30
7	Metal-ionic-conductor potassium ferrite nanocrystals with intrinsic superhydrophilic surfaces for electrocatalytic water splitting at ultrahigh current densities. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7586-7593.	10.3	40
8	Efficient proton conductivity of a novel 3D open-framework vanadoborate with $[V_6B_{20}]$ architectures. <i>Dalton Transactions</i> , 2021, 50, 3240-3246.	3.3	8
9	Proton conducting in a new vanadoborate with 3D structure through hydrogen bonding. <i>Journal of Alloys and Compounds</i> , 2020, 816, 152505.	5.5	10
10	Graphene Oxide Covalently Grafted $Fe_2B@SiO_2$ Nanoparticles for Epirubicin Loading and Releasing. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 2104-2113.	0.9	2
11	Enhanced Dielectric and Energy Storage Properties in $Fe$ -Doped BCZT Ferroelectric Ceramics. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020, 217, 2000253.	1.8	10
12	Electrochemical dopamine sensor based on superionic conducting potassium ferrite. <i>Biosensors and Bioelectronics</i> , 2020, 153, 112045.	10.1	59
13	Evidence for Ferroelectricity of All-Inorganic Perovskite $CsPbBr_3$ Quantum Dots. <i>Journal of the American Chemical Society</i> , 2020, 142, 3316-3320.	13.7	53
14	Potassium Ferrite as Heterogeneous Photo-Fenton Catalyst for Highly Efficient Dye Degradation. <i>Catalysts</i> , 2020, 10, 293.	3.5	16
15	Characterization of enzyme-immobilized catalytic support and its exploitation for the degradation of methoxychlor in simulated polluted soils. <i>Environmental Science and Pollution Research</i> , 2019, 26, 28328-28340.	5.3	15
16	The Raman scattering of trirutile structure $MgTa_2O_6$ single crystals grown by the optical floating zone method. <i>RSC Advances</i> , 2019, 9, 839-843.	3.6	10
17	Hydrothermal Synthesized $Co-Ni_3S_2$ Ultrathin Nanosheets for Efficient and Enhanced Overall Water Splitting. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 179-185.	2.6	11
18	Proton Conduction in Organically Templated 3D Open-Framework Vanadium-Nickel Pyrophosphate. <i>Inorganic Chemistry</i> , 2019, 58, 4394-4398.	4.0	12

#	ARTICLE	IF	CITATIONS
19	A New 3-D Open-Framework Zinc Borovanadate with Catalytic Potentials in $\pm$ -Phenethyl Alcohol Oxidation. <i>Molecules</i> , 2019, 24, 531.	3.8	5
20	1T-2H Cr <sub>2</sub> -MoS <sub>2</sub> Ultrathin Nanosheets for Durable and Enhanced Hydrogen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7227-7232.	6.7	25
21	A Novel Layered Anchoring Structure Immobilized Cellulase via Covalent Binding of Cellulase on MNPs Anchored by LDHs. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 1624-1635.	3.7	8
22	A K <sub>2</sub> Fe <sub>4</sub> O <sub>7</sub> superionic conductor for all-solid-state potassium metal batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8413-8418.	10.3	75
23	Facile proton conduction in a new 2D layered vanadoborate. <i>Journal of Alloys and Compounds</i> , 2018, 743, 136-140.	5.5	13
24	Preparation of Magnetic Pearlescent Pigment Mica/Fe <sub>3</sub> O <sub>4</sub> by Thermally Decomposing Ferric Formate Composite Containing Hydrazine. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 651-670.	3.7	3
25	Sn <sup>2+</sup> /Ni <sub>3</sub> S <sub>2</sub> Ultrathin Nanosheets as Efficient Bifunctional Water-Splitting Catalysts with a Large Current Density and Low Overpotential. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 40568-40576.	8.0	113
26	Comparative Studies on Enzyme Activity of Immobilized Horseradish Peroxidase in Silica Nanomaterials with Three Different Shapes and Methoxychlor Degradation of Vesicle-Like Mesoporous SiO <sub>2</sub> as Carrier. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 2971-2978.	0.9	8
27	A new 3-D open-framework Li-rich vanadoborate and its high ionic conductivity after transforming into glasses. <i>Dalton Transactions</i> , 2017, 46, 2479-2484.	3.3	11
28	Proton conduction in a new 3-D open-framework vanadoborate with an abundant hydrogen bond system. <i>Dalton Transactions</i> , 2017, 46, 9103-9109.	3.3	19
29	Enhanced electrocatalytic hydrogen evolution performance of MoS <sub>2</sub> ultrathin nanosheets via Sn doping. <i>Applied Catalysis A: General</i> , 2017, 538, 1-8.	4.3	45
30	Temperature-dependent optical phonon behaviour of a spinel Zn <sub>2</sub> TiO <sub>4</sub> single crystal grown by the optical floating zone method in argon atmosphere. <i>RSC Advances</i> , 2017, 7, 35477-35481.	3.6	12
31	Rational Design of GO-Modified Fe <sub>3</sub> O <sub>4</sub> /SiO <sub>2</sub> Nanoparticles with Combined Rhenium-188 and Gambogic Acid for Magnetic Target Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 28195-28208.	8.0	24
32	Preparation of $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> Doped with Co <sup>2+</sup> and Dy <sup>3+</sup> by Sol-Gel Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 4372-4383.	0.9	5
33	Cd <sub>3</sub> [B <sub>2</sub> P <sub>4</sub> O <sub>14</sub> (OH) <sub>4</sub> ]: A 3D Open-Framework Cadmium Borophosphate with Unique Twisted $\delta$ -Ring Channels. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1777-1780.	1.2	1
34	Organotemplate-free synthesis of two open-framework metal borophosphates. <i>Dalton Transactions</i> , 2015, 44, 17100-17105.	3.3	4
35	Cage-like mesoporous silica encapsulated with microcapsules for immobilized laccase and 2, 4-DCP degradation. <i>Journal of Environmental Sciences</i> , 2015, 38, 52-62.	6.1	21
36	Reply to "Comment on "Low-Temperature Phase Transition in AgNbO <sub>3</sub> ". <i>Journal of the American Ceramic Society</i> , 2015, 98, 1042-1042.	3.8	1

#	ARTICLE	IF	CITATIONS
37	Optoelectronic investigation of corundum Mg <sub>4</sub> Nb <sub>2</sub> O <sub>9</sub> single crystal. Journal of Alloys and Compounds, 2015, 619, 240-243.	5.5	4
38	Surfactant and thioacetamide-assisted reflux synthesis of Bi <sub>2</sub> S <sub>3</sub> nanowires. Journal of Materials Research, 2014, 29, 2272-2287.	2.6	10
39	Optical phonon behavior of columbite MgNb <sub>2</sub> O <sub>6</sub> single crystals. Journal of Applied Physics, 2014, 116, .	2.5	2
40	Optical properties of ZnNb <sub>2</sub> O <sub>6</sub> single crystals prepared via the optical floating zone technology. Crystal Research and Technology, 2014, 49, 502-506.	1.3	9
41	Low-temperature Phase Transition in AgNbO <sub>3</sub> . Journal of the American Ceramic Society, 2014, 97, 1895-1898.	3.8	16
42	Degradation of 2,4-dichlorophenol catalyzed by the immobilized laccase with the carrier of Fe <sub>3</sub> O <sub>4</sub> @MSS-NH <sub>2</sub> . Science Bulletin, 2014, 59, 509-520.	1.7	25
43	Hydrothermal synthesis and multiferroic properties of Y <sub>2</sub> NiMnO <sub>6</sub> . RSC Advances, 2014, 4, 50969-50974.	3.6	17
44	Some heterocyclic compound formation under hydrothermal conditions: implications for prebiotic chemistry. Heterocyclic Communications, 2012, 18, 7-10.	1.2	2
45	Hydrothermal Syntheses and Structural Phase Transitions of AgNbO <sub>3</sub> . Journal of the American Ceramic Society, 2012, 95, 3673-3677.	3.8	32
46	Degradation of 2,4-DCP by the Immobilized Laccase on the Carrier of Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> -NH <sub>2</sub> . Chinese Journal of Chemistry, 2012, 30, 2849-2860.	4.9	20
47	Mild hydrothermal synthesis and ferrimagnetism of Pr <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> and Nd <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> garnets. Journal of Solid State Chemistry, 2011, 184, 1048-1053.	2.9	34
48	Hydrothermal synthesis and characterization of rare-earth ruthenate pyrochlore compounds R <sub>2</sub> Ru <sub>2</sub> O <sub>7</sub> (R = Pr <sup>3+</sup> , Sm <sup>3+</sup> -Ho <sup>3+</sup> ). Science China Chemistry, 2011, 54, 941-946.	8.2	14
49	Resolving the enigma of prebiotic C-P bond formation: Prebiotic hydrothermal synthesis of important biological phosphate esters. Heteroatom Chemistry, 2010, 21, 161-167.	0.7	16
50	A novel synthetic route to synthesize 2,4,8,10-tetraoxaspiro[5.5]-undecane from formaldehyde under hydrothermal conditions. Journal of Heterocyclic Chemistry, 2010, 47, NA-NA.	2.6	2
51	Three oxidation states and atomic-scale p-n junctions in manganese perovskite oxide from hydrothermal systems. Journal of Materials Science, 2008, 43, 2131-2137.	3.7	14
52	Hydrothermal biochemistry: from formaldehyde to oligopeptides. Journal of Materials Science, 2008, 43, 2418-2425.	3.7	14