

# Ye Han

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

639  
citations

623734

14  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

705  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfur Vacancy-Rich O-Doped 1T-MoS <sub>2</sub> Nanosheets for Exceptional Photocatalytic Nitrogen Fixation over CdS. ACS Applied Materials & Interfaces, 2020, 12, 7257-7269.	8.0	196
2	Effect of carbon reactant on microstructures and mechanical properties of TiAl/Ti <sub>2</sub> AlC composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 684, 406-412.	5.6	56
3	Lamellar structure and effect of Ti <sub>2</sub> AlC on properties of prepared in-situ TiAl matrix composites. Ceramics International, 2016, 42, 13586-13592.	4.8	53
4	Effects of Ceramic Fiber on the Friction Performance of Automotive Brake Lining Materials. Tribology Transactions, 2008, 51, 779-783.	2.0	48
5	First-principles study of adhesion strength and stability of the TiB <sub>2</sub> /TiC interface in composite materials. Ceramics International, 2018, 44, 1756-1763.	4.8	39
6	In <sub>2</sub> O <sub>3</sub> Nanoparticles Decorated ZnO Hierarchical Structures for n-Butanol Sensor. ACS Applied Nano Materials, 2020, 3, 3295-3304.	5.0	37
7	Tunable energy storage capacity of two-dimensional Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> modified by a facile two-step pillaring strategy for high performance supercapacitor electrodes. Nanoscale, 2019, 11, 21981-21989.	5.6	32
8	Stability analysis and structural rules of titanium dioxide clusters (TiO <sub>2</sub> ) with n=1~9. Materials Chemistry and Physics, 2011, 130, 196-202.	4.0	22
9	Ti <sub>2</sub> Al(C, N) Solid Solution Reinforcing TiAl-Based Composites: Evolution of a Core-Shell Structure, Interfaces, and Mechanical Properties. ACS Applied Materials & Interfaces, 2018, 10, 16783-16792.	8.0	22
10	Influences of water vapor and fly ash on elemental mercury removal over cerium-oxide-modified semi-coke. Fuel, 2018, 217, 211-217.	6.4	20
11	Effect of SnO <sub>2</sub> addition on phase transformation of TiO <sub>2</sub> photocatalyst prepared by sol-gel method. Rare Metals, 2011, 30, 229-232.	7.1	17
12	Nanoindentation into FeCoNiCrCu high-entropy alloy: An atomistic study. Materials Science and Technology, 2021, 37, 202-209.	1.6	17
13	In Situ Construction of Nickel Sulfide Nano-Heterostructures for Highly Efficient Overall Urea Electrolysis. ACS Sustainable Chemistry and Engineering, 2021, 9, 15582-15590.	6.7	17
14	Correlation among far-infrared reflection modes, crystal structures and dielectric properties of Ba(Zn <sup>1/3</sup> Nb <sup>2/3</sup> )O <sub>3</sub> CaTiO <sub>3</sub> ceramics. Materials Research Bulletin, 2016, 75, 115-120.	5.2	14
15	Phonon spectrum and thermodynamic properties of LaCoO <sub>3</sub> based on first-principles theory. Computational Materials Science, 2017, 136, 191-197.	3.0	12
16	A novel metal-organic coordination complex crystal: tris allylthiourea zinc bromide (ATZB) as a nonlinear optical material. Crystal Research and Technology, 2007, 42, 65-68.	1.3	10
17	The effect of CuFe <sub>2</sub> O <sub>4</sub> ferrite phase evolution on 3~5 μm waveband emissivity. Ceramics International, 2020, 46, 7694-7702.	4.8	10
18	Appearance of [110] orientated growth layer on (100) face and exposure of (111) faces of cubic bismuth phosphate crystal. Journal of Crystal Growth, 2015, 426, 248-254.	1.5	7

#	ARTICLE	IF	CITATIONS
19	An insight into the effects of transition metals on the thermal expansion of complex perovskite compounds: an experimental and density functional theory investigation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 17781-17789.	2.8	4
20	The interface structures formation and their effectiveness for enhancement of the phase stability in Ti/Si binary oxide. <i>Materials Chemistry and Physics</i> , 2010, 123, 723-726.	4.0	2
21	A Novel Wear Resistant Glass-Ceramic Coating Material. <i>Materials Science Forum</i> , 2011, 686, 521-527.	0.3	2
22	Effects of Heat-Treatment on the Magnetic Properties of Fe <sub>2</sub> O <sub>3</sub> -CaO-SiO <sub>2</sub> Glass Ceramics. <i>Advanced Materials Research</i> , 2010, 158, 52-55.	0.3	1
23	Effects of Load and Sliding Distance on the Wear Properties of Hybrid Friction Materials. <i>Materials Science Forum</i> , 0, 686, 401-405.	0.3	1
24	Evaluation of the Degree of Crystallization in Glass-Ceramics by Dielectric Constant Measurements. <i>Advanced Materials Research</i> , 2009, 79-82, 2279-2282.	0.3	0
25	A New High Temperature Resistant Glass-Ceramic Coating Material. <i>Applied Mechanics and Materials</i> , 0, 99-100, 810-814.	0.2	0