

# Ye Han

## List of Publications by Year in descending order

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25  
papers

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citations

623734

14  
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677142

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25  
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25  
docs citations

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times ranked

705  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoindentation into FeCoNiCrCu high-entropy alloy: An atomistic study. <i>Materials Science and Technology</i> , 2021, 37, 202-209.	1.6	17
2	In Situ Construction of Nickel Sulfide Nano-Heterostructures for Highly Efficient Overall Urea Electrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 15582-15590.	6.7	17
3	The effect of CuFe <sub>2</sub> O <sub>4</sub> ferrite phase evolution on 3 $\hat{\text{A}}$ 5 $\hat{\text{A}}$ 1/4 $\mu$ m waveband emissivity. <i>Ceramics International</i> , 2020, 46, 7694-7702.	4.8	10
4	In <sub>2</sub> O <sub>3</sub> Nanoparticles Decorated ZnO Hierarchical Structures for i>n</i>-Butanol Sensor. <i>ACS Applied Nano Materials</i> , 2020, 3, 3295-3304.	5.0	37
5	Sulfur Vacancy-Rich O-Doped 1T-MoS <sub>2</sub> Nanosheets for Exceptional Photocatalytic Nitrogen Fixation over CdS. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 7257-7269.	8.0	196
6	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. <i>Nanoscale</i> , 2019, 11, 21981-21989.	5.6	32
7	Ti <sub>2</sub> Al(C, N) Solid Solution Reinforcing TiAl-Based Composites: Evolution of a Core-Shell Structure, Interfaces, and Mechanical Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 16783-16792.	8.0	22
8	Influences of water vapor and fly ash on elemental mercury removal over cerium-oxide-modified semi-coke. <i>Fuel</i> , 2018, 217, 211-217.	6.4	20
9	First-principles study of adhesion strength and stability of the TiB <sub>2</sub> /TiC interface in composite materials. <i>Ceramics International</i> , 2018, 44, 1756-1763.	4.8	39
10	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
11	Effect of carbon reactant on microstructures and mechanical properties of TiAl/Ti <sub>2</sub> AlC composites. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 684, 406-412.	5.6	56
12	Phonon spectrum and thermodynamic properties of LaCoO <sub>3</sub> based on first-principles theory. <i>Computational Materials Science</i> , 2017, 136, 191-197.	3.0	12
13	Lamellar structure and effect of Ti <sub>2</sub> AlC on properties of prepared in-situ TiAl matrix composites. <i>Ceramics International</i> , 2016, 42, 13586-13592.	4.8	53
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> $\hat{\text{A}}$ CaTiO <sub>3</sub> ceramics. <i>Materials Research Bulletin</i> , 2016, 75, 115-120.	5.2	14
15	Appearance of [110] orientated growth layer on (100) face and exposure of (111) faces of cubic bismuth phosphate crystal. <i>Journal of Crystal Growth</i> , 2015, 426, 248-254.	1.5	7
16	A Novel Wear Resistant Glass-Ceramic Coating Material. <i>Materials Science Forum</i> , 2011, 686, 521-527.	0.3	2
17	Stability analysis and structural rules of titanium dioxide clusters (TiO <sub>2</sub> ) with n= 1 $\hat{\text{A}}$ 9. <i>Materials Chemistry and Physics</i> , 2011, 130, 196-202.	4.0	22
18	Effect of SnO <sub>2</sub> addition on phase transformation of TiO <sub>2</sub> photocatalyst prepared by sol-gel method. <i>Rare Metals</i> , 2011, 30, 229-232.	7.1	17

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19	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
20	Effects of Heat-Treatment on the Magnetic Properties of $\text{Fe}_2\text{O}_3\text{-CaO-SiO}_2$ Glass Ceramics. <i>Advanced Materials Research</i> , 2010, 158, 52-55.	0.3	1
21	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
22	Effects of Ceramic Fiber on the Friction Performance of Automotive Brake Lining Materials. <i>Tribology Transactions</i> , 2008, 51, 779-783.	2.0	48
23	A novel metal-organic coordination complex crystal: tris allylthiourea zinc bromide (ATZB) as a nonlinear optical material. <i>Crystal Research and Technology</i> , 2007, 42, 65-68.	1.3	10
24	A New High Temperature Resistant Glass-Ceramic Coating Material. <i>Applied Mechanics and Materials</i> , 0, 99-100, 810-814.	0.2	0
25	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