

# Hao Jin

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45  
papers

2,147  
citations

24  
h-index

46  
g-index

46  
ext. papers

2,510  
ext. citations

6.4  
avg, IF

4.9  
L-index

#	Paper	IF	Citations
45	Mechanically robust ANF/MXene composite films with tunable electromagnetic interference shielding performance. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2020</b> , 135, 105927	8.4	34
44	Can insulating graphene oxide contribute the enhanced conductivity and durability of silver nanowire coating?. <i>Nano Research</i> , <b>2019</b> , 12, 1571-1577	10	16
43	Graphene-based nanocomposite strain sensor response to ultrasonic guided waves. <i>Composites Science and Technology</i> , <b>2019</b> , 174, 42-49	8.6	12
42	Buckled AgNW/MXene hybrid hierarchical sponges for high-performance electromagnetic interference shielding. <i>Nanoscale</i> , <b>2019</b> , 11, 22804-22812	7.7	59
41	Ultrafast response of spray-on nanocomposite piezoresistive sensors to broadband ultrasound. <i>Carbon</i> , <b>2019</b> , 143, 743-751	10.4	22
40	A temperature-activated nanocomposite metamaterial absorber with a wide tunability. <i>Nano Research</i> , <b>2018</b> , 11, 3931-3942	10	13
39	Broadband composite radar absorbing structures with resistive frequency selective surface: Optimal design, manufacturing and characterization. <i>Composites Science and Technology</i> , <b>2017</b> , 145, 10-14	8.6	64
38	Effective fabrication of flexible negative refractive index metamaterials using a simple screen printing method. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 5378-5386	7.1	4
37	Flexible and easy-to-tune broadband electromagnetic wave absorber based on carbon resistive film sandwiched by silicon rubber/multi-walled carbon nanotube composites. <i>Carbon</i> , <b>2017</b> , 121, 544-551	10.4	29
36	Microstructure Design of Lightweight, Flexible, and High Electromagnetic Shielding Porous Multiwalled Carbon Nanotube/Polymer Composites. <i>Small</i> , <b>2017</b> , 13, 1701388	11	118
35	Ultra-broadband frequency responsive sensor based on lightweight and flexible carbon nanostructured polymeric nanocomposites. <i>Carbon</i> , <b>2017</b> , 121, 490-501	10.4	38
34	Hierarchical Graphene-Based Films with Dynamic Self-Stiffening for Biomimetic Artificial Muscle. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 7003-7010	15.6	44
33	Mechanical behavior and properties of hydrogen bonded graphene/polymer nano-interfaces. <i>Composites Science and Technology</i> , <b>2016</b> , 136, 1-9	8.6	55
32	Multifunctional Polymer-Based Graphene Foams with Buckled Structure and Negative Poisson's Ratio. <i>Scientific Reports</i> , <b>2016</b> , 6, 32989	4.9	25
31	Three-dimensional Sponges with Super Mechanical Stability: Harnessing True Elasticity of Individual Carbon Nanotubes in Macroscopic Architectures. <i>Scientific Reports</i> , <b>2016</b> , 6, 18930	4.9	50
30	Tuning the Interfacial Mechanical Behaviors of Monolayer Graphene/PMMA Nanocomposites. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 22554-62	9.5	68
29	Thin and flexible multi-walled carbon nanotube/waterborne polyurethane composites with high-performance electromagnetic interference shielding. <i>Carbon</i> , <b>2016</b> , 96, 768-777	10.4	233

28	Lightweight and Anisotropic Porous MWCNT/WPU Composites for Ultrahigh Performance Electromagnetic Interference Shielding. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 303-310	15.6	499
27	A coatable, light-weight, fast-response nanocomposite sensor for their situacquisition of dynamic elastic disturbance: from structural vibration to ultrasonic waves. <i>Smart Materials and Structures</i> , <b>2016</b> , 25, 065005	3.4	18
26	Synergistic effects from graphene and carbon nanotubes endow ordered hierarchical structure foams with a combination of compressibility, super-elasticity and stability and potential application as pressure sensors. <i>Nanoscale</i> , <b>2015</b> , 7, 9252-60	7.7	97
25	Synergistic effect of a r-GO/PANI nanocomposite electrode based air working ionic actuator with a large actuation stroke and long-term durability. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 8380-8388	13	44
24	Low-voltage and high-performance electrothermal actuator based on multi-walled carbon nanotube/polymer composites. <i>Carbon</i> , <b>2015</b> , 84, 327-334	10.4	90
23	Nanostructured carbon materials based electrothermal air pump actuators. <i>Nanoscale</i> , <b>2014</b> , 6, 6932-8	7.7	24
22	An experimental apparatus for simultaneously measuring Seebeck coefficient and electrical resistivity from 100 K to 600 K. <i>Review of Scientific Instruments</i> , <b>2013</b> , 84, 043903	1.7	37
21	Creep-resistant behavior of MWCNT-polycarbonate melt spun nanocomposite fibers at elevated temperature. <i>Polymer</i> , <b>2013</b> , 54, 3723-3729	3.9	40
20	Theoretical study on thermoelectric properties of Mg <sub>2</sub> Si and comparison to experiments. <i>Computational Materials Science</i> , <b>2012</b> , 60, 224-230	3.2	35
19	Low-Temperature Thermoelectric Properties of p-Ag <sub>2</sub> Se Synthesized by Hydrothermal Reaction. <i>Journal of Electronic Materials</i> , <b>2011</b> , 40, 624-628	1.9	19
18	Thermal transport property of Ge 34 and d-Ge investigated by molecular dynamics and the Slack's equation. <i>Chinese Physics B</i> , <b>2010</b> , 19, 076501	1.2	8
17	Structure, Optical, and Catalytic Properties of Novel Hexagonal Metastable h-MoO <sub>3</sub> Nano- and Microrods Synthesized with Modified Liquid-Phase Processes. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 6202-6208	9.6	83
16	Thermodynamic properties of Mg <sub>2</sub> Si and Mg <sub>2</sub> Ge investigated by first principles method. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 499, 68-74	5.7	41
15	Atomistic simulation of SiGe clathrate alloys. <i>Chemical Physics</i> , <b>2008</b> , 344, 299-308	2.3	8
14	Evidence for a new magnetic field scale in CeCoIn <sub>5</sub> . <i>Physical Review Letters</i> , <b>2006</b> , 96, 077207	7.4	12
13	Thermal transport in the hidden-order state of URu <sub>2</sub> Si <sub>2</sub> . <i>Physical Review Letters</i> , <b>2005</b> , 94, 156405	7.4	82
12	Thermoelectricity of URu <sub>2</sub> Si <sub>2</sub> : Giant Nernst effect in the hidden-order state. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	70
11	Vortex-unbinding and finite-size effects in Tl <sub>2</sub> Ba <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> thin films. <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	1

10	Rigid vortices in MgB <sub>2</sub> . <i>Applied Physics Letters</i> , <b>2003</b> , 83, 2626-2628	3-4	23
9	Reargument over E ~ j relation of high temperature superconductors. <i>Science in China Series A: Mathematics</i> , <b>2001</b> , 44, 513-527		
8	Upper Critical Field and Irreversibility Line Determined by Transport Measurement of the New Superconductor MgB <sub>2</sub> . <i>Chinese Physics Letters</i> , <b>2001</b> , 18, 823-825	1-8	6
7	E - j relation in the vortex-liquid region of high temperature superconductors. <i>Physica C: Superconductivity and Its Applications</i> , <b>2000</b> , 341-348, 1309-1310	1-3	
6	Argument for E ~ j relation of high temperature superconductors. <i>Science in China Series A: Mathematics</i> , <b>2000</b> , 43, 163-170		1
5	Structure and transport properties of Cr doped La <sub>2</sub> 14 system. <i>Physica C: Superconductivity and Its Applications</i> , <b>1999</b> , 314, 263-268	1-3	6
4	Magnetic relaxation in high-temperature superconductors. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1999</b> , 255, 183-186	2-3	4
3	Crystal structure and transport properties of La <sub>1.75</sub> Sr <sub>0.25</sub> Cu <sub>0.9</sub> M <sub>0.1</sub> O <sub>4</sub> (M=Cr, Mn, Fe, Co, Ga and Al). <i>Physica C: Superconductivity and Its Applications</i> , <b>1999</b> , 315, 124-128	1-3	2
2	Study of the transport properties of La <sub>1.85</sub> Sr <sub>0.15+x</sub> Cu <sub>1-x</sub> M <sub>x</sub> O <sub>y</sub> (M = Fe, Ga). <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1998</b> , 249, 153-159	2-3	13
1	Kondo effect induced suppression of superconductivity in Y <sub>1-x</sub> Pr <sub>x</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <i>Physica C: Superconductivity and Its Applications</i> , <b>1997</b> , 282-287, 1395-1396	1-3	