

Sheng-Yu Jin

List of Publications by Year in descending order

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26
papers

1,218
citations

471509

17
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552781

26
g-index

27
all docs

27
docs citations

27
times ranked

2191
citing authors

#	ARTICLE	IF	CITATIONS
1	3D stereolithography printing of graphene oxide reinforced complex architectures. <i>Nanotechnology</i> , 2015, 26, 434003.	2.6	177
2	Large-Area Direct Laser Shock Imprinting of a 3D Biomimic Hierarchical Metal Surface for Triboelectric Nanogenerators. <i>Advanced Materials</i> , 2018, 30, 1705840.	21.0	93
3	Flyweight, Superelastic, Electrically Conductive, and Flame-Retardant 3D Multi-Nanometer Graphene/Ceramic Metamaterial. <i>Advanced Materials</i> , 2017, 29, 1605506.	21.0	89
4	Observation of Optical and Electrical In-Plane Anisotropy in High-Mobility Few-Layer ZrTe ₅ . <i>Nano Letters</i> , 2016, 16, 7364-7369.	9.1	80
5	Decorating PtCo Bimetallic Alloy Nanoparticles on Graphene as Sensors for Glucose Detection by Catalyzing Luminol Chemiluminescence. <i>Small</i> , 2013, 9, 199-204.	10.0	77
6	Shock engineering the additive manufactured graphene-metal nanocomposite with high density nanotwins and dislocations for ultra-stable mechanical properties. <i>Acta Materialia</i> , 2018, 150, 360-372.	7.9	77
7	Three-Dimensional Printing of Complex Structures: Man Made or toward Nature?. <i>ACS Nano</i> , 2014, 8, 9710-9715.	14.6	72
8	Nanoscale Laser Metallurgy and Patterning in Air Using MOFs. <i>Journal of the American Chemical Society</i> , 2019, 141, 5481-5489.	13.7	61
9	Single-Layer Graphene as a Barrier Layer for Intense UV Laser-Induced Damages for Silver Nanowire Network. <i>ACS Nano</i> , 2015, 9, 11121-11133.	14.6	59
10	Laser sintered graphene nickel nanocomposites. <i>Journal of Materials Processing Technology</i> , 2016, 231, 143-150.	6.3	59
11	Synthesis of Fe ₃ O ₄ @Phenol Formaldehyde Resin Core-Shell Nanospheres Loaded with Au Nanoparticles as Magnetic FRET Nanoprobes for Detection of Thiols in Living Cells. <i>Chemistry - A European Journal</i> , 2012, 18, 1154-1160.	3.3	55
12	Graphene-Metal-Metastable Monolith via Laser Shock-Induced Thermochemical Stitching of MOF Crystals. <i>Matter</i> , 2020, 2, 1535-1549.	10.0	49
13	Strain-Engineered Anisotropic Optical and Electrical Properties in 2D Chiral Chain Tellurium. <i>Advanced Materials</i> , 2020, 32, e2002342.	21.0	40
14	Super-strengthening and stabilizing with carbon nanotube harnessed high density nanotwins in metals by shock loading. <i>Scientific Reports</i> , 2015, 5, 15405.	3.3	38
15	Synthesis of Multifunctional Ag@Au@Phenol Formaldehyde Resin Particles Loaded with Folic Acids for Photothermal Therapy. <i>Chemistry - A European Journal</i> , 2012, 18, 9294-9299.	3.3	37
16	Asymmetric 3D Elastic-Plastic Strain-Modulated Electron Energy Structure in Monolayer Graphene by Laser Shocking. <i>Advanced Materials</i> , 2019, 31, e1900597.	21.0	32
17	Superplastic Formation of Metal Nanostructure Arrays with Ultrafine Gaps. <i>Advanced Materials</i> , 2016, 28, 9152-9162.	21.0	24
18	Scalable Nanoshaping of Hierarchical Metallic Patterns with Multiplex Laser Shock Imprinting Using Soft Optical Disks. <i>Small</i> , 2019, 15, e1900481.	10.0	18

#	ARTICLE	IF	CITATIONS
19	Laser direct writing of crystalline Fe ₂ O ₃ atomic sheets on steel surface in aqueous medium. Applied Surface Science, 2015, 351, 148-154.	6.1	17
20	Ultrafast Laser-Induced Confined Metaphase Transformation for Direct Writing of Black Phosphorus Thin Films. Advanced Materials, 2018, 30, 1704405.	21.0	17
21	Additive roll printing activated cold welding of 2D crystals and 1D nanowires layers for flexible transparent conductor and planer energy storage. Extreme Mechanics Letters, 2016, 9, 531-545.	4.1	12
22	Enhanced thermoelectric performance of P-type $\text{Bi}_2\text{Sb}_{1-x}\text{Te}_x$ thin films. Extreme Mechanics Letters, 2016, 9, 386-396.	4.1	9
23	Magnetically Aligned Ultrafine Cobalt Embedded 3D Porous Carbon Metamaterial by One-Step Ultrafast Laser Direct Writing. Advanced Science, 2021, 8, e2102477.	11.2	9
24	Parallel Nanoimprint Forming of One-Dimensional Chiral Semiconductor for Strain-Engineered Optical Properties. Nano-Micro Letters, 2020, 12, 160.	27.0	8
25	Numerical simulation of temperature field distribution for laser sintering graphene reinforced nickel matrix nanocomposites. Journal of Alloys and Compounds, 2016, 688, 438-448.	5.5	5
26	Molecular-Scale Nanodiamond with High-Density Color Centers Fabricated from Graphite by Laser Shocking. Cell Reports Physical Science, 2020, 1, 100054.	5.6	4