

Sheng-Yu Jin

List of Publications by Year in descending order

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26
papers

1,218
citations

471509

17
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

2191
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetically Aligned Ultrafine Cobalt Embedded 3D Porous Carbon Metamaterial by One-Step Ultrafast Laser Direct Writing. <i>Advanced Science</i> , 2021, 8, e2102477.	11.2	9
2	Parallel Nanoimprint Forming of One-Dimensional Chiral Semiconductor for Strain-Engineered Optical Properties. <i>Nano-Micro Letters</i> , 2020, 12, 160.	27.0	8
3	Strain-Engineered Anisotropic Optical and Electrical Properties in 2D Chiral Chain Tellurium. <i>Advanced Materials</i> , 2020, 32, e2002342.	21.0	40
4	Graphene-Metal-Metastructure Monolith via Laser Shock-Induced Thermochemical Stitching of MOF Crystals. <i>Matter</i> , 2020, 2, 1535-1549.	10.0	49
5	Molecular-Scale Nanodiamond with High-Density Color Centers Fabricated from Graphite by Laser Shocking. <i>Cell Reports Physical Science</i> , 2020, 1, 100054.	5.6	4
6	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
7	Scalable Nanoshaping of Hierarchical Metallic Patterns with Multiplex Laser Shock Imprinting Using Soft Optical Disks. <i>Small</i> , 2019, 15, e1900481.	10.0	18
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	Ultrafast Laser Shock-Induced Confined Metaphase Transformation for Direct Writing of Black Phosphorus Thin Films. <i>Advanced Materials</i> , 2018, 30, 1704405.	21.0	17
10	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
11	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
12	Flyweight, Superelastic, Electrically Conductive, and Flame-Retardant 3D Multi-Nanolayer Graphene/Ceramic Metamaterial. <i>Advanced Materials</i> , 2017, 29, 1605506.	21.0	89
13	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
14	Additive roll printing activated cold welding of 2D crystals and 1D nanowires layers for flexible transparent conductor and planer energy storage. <i>Extreme Mechanics Letters</i> , 2016, 9, 531-545.	4.1	12
15	Numerical simulation of temperature field distribution for laser sintering graphene reinforced nickel matrix nanocomposites. <i>Journal of Alloys and Compounds</i> , 2016, 688, 438-448.	5.5	5
16	Superplastic Formation of Metal Nanostructure Arrays with Ultrafine Gaps. <i>Advanced Materials</i> , 2016, 28, 9152-9162.	21.0	24
17	Enhanced thermoelectric performance of P-type $Bi_{1-x}Sb_x$ nanocomposites. <i>Extreme Mechanics Letters</i> , 2016, 9, 386-396.	4.1	9
18	Laser sintered graphene nickel nanocomposites. <i>Journal of Materials Processing Technology</i> , 2016, 231, 143-150.	6.3	59

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19	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
20	3D stereolithography printing of graphene oxide reinforced complex architectures. <i>Nanotechnology</i> , 2015, 26, 434003.	2.6	177
21	Laser direct writing of crystalline Fe ₂ O ₃ atomic sheets on steel surface in aqueous medium. <i>Applied Surface Science</i> , 2015, 351, 148-154.	6.1	17
22	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
23	Three-Dimensional Printing of Complex Structures: Man Made or toward Nature?. <i>ACS Nano</i> , 2014, 8, 9710-9715.	14.6	72
24	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
25	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
26	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