

# CITATION REPORT

List of articles citing

Modeling nanoscale temperature gradients and conductivity evolution in pulsed light sintering of silver nanowire networks

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#	Paper	IF	Citations
25	Towards out-of-chamber damage-free fabrication of highly conductive nanoparticle-based circuits inside 3D printed thermally sensitive polymers. <i>Additive Manufacturing</i> , <b>2019</b> , 30, 100886	6.1	12
24	Light energy induced sintering of Cu <sub>2</sub> ZnSnS <sub>4</sub> nanocrystal-based film for solar cell. <i>Nano Structures Nano Objects</i> , <b>2019</b> , 19, 100369	5.6	5
23	Synthesis and modelling of the mechanical properties of Ag, Au and Cu nanowires. <i>Science and Technology of Advanced Materials</i> , <b>2019</b> , 20, 225-261	7.1	18
22	High-Resolution and Large-Area Patterning of Highly Conductive Silver Nanowire Electrodes by Reverse Offset Printing and Intense Pulsed Light Irradiation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 14882-14891	9.5	27
21	Scalable Forming and Flash Light Sintering of Polymer-Supported Interconnects for Surface-Conformal Electronics. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , <b>2019</b> , 141,	3.3	13
20	Shape-Tuned Junction Resistivity and Self-Damping Dynamics in Intense Pulsed Light Sintering of Silver Nanostructure Films. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 3536-3546	9.5	22
19	Tuning electronic and photocatalytic properties in pulsed light synthesis of Cu <sub>2</sub> ZnSnS <sub>4</sub> films from CuS-ZnS-SnS nanoparticles. <i>Materials Research Bulletin</i> , <b>2020</b> , 122, 110645	5.1	12
18	Efficiency enhancement of quantum-dot light-emitting diodes via rapid post-treatment of intense pulsed light sintering technique. <i>Chemical Physics Letters</i> , <b>2020</b> , 739, 137048	2.5	1
17	Understanding the role of Nanomorphology on Resistance Evolution in the Hybrid Form-Fuse Process for Conformal Electronics. <i>Journal of Manufacturing Processes</i> , <b>2020</b> , 58, 1088-1102	5	6
16	Ultrafast Photoinduced Interconnection of Metal-Polymer Composites for Fabrication of Transparent and Stretchable Electronic Skins. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 39695-39704	9.5	3
15	On Self-Limiting Rotation and Diffusion Mechanisms during Sintering of Silver Nanowires. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 19849-19857	3.8	4
14	Nanoparticle circuits inside elastomers for flexible electronics: High conductivity under cyclic deformation. <i>Manufacturing Letters</i> , <b>2020</b> , 26, 37-41	4.5	2
13	A Review on Intense Pulsed Light Sintering Technologies for Conductive Electrodes in Printed Electronics. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , <b>2021</b> , 8, 327-363	3.8	17
12	Segregation-controlled self-assembly of silver nanowire networks using a template-free solution-based process. <i>Nanoscale</i> , <b>2021</b> , 13, 8442-8451	7.7	6
11	Inkjet Printing and In-Situ Crystallization of Biopigments for Eco-Friendly and Energy-Efficient Fabric Coloration. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , 1	3.8	0
10	Fusion of Stacked Nanowires: From Atomistic to Analytical Models. <i>Advanced Theory and Simulations</i> , <b>2021</b> , 4, 2100104	3.5	1
9	A Review on Printed Electronics: Fabrication Methods, Inks, Substrates, Applications and Environmental Impacts. <i>Journal of Manufacturing and Materials Processing</i> , <b>2021</b> , 5, 89	2.2	13

8	Transparent and stretchable capacitive pressure sensor using selective plasmonic heating-based patterning of silver nanowires. <i>Applied Surface Science</i> , <b>2021</b> , 561, 149989	6.7	2
7	Multiscale Modeling of Sintering-Driven Conductivity in Large Nanowire Ensembles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 56645-56654	9.5	0
6	Computational analysis model of intense pulsed sintering of silver nanoparticles. <i>Additive Manufacturing</i> , <b>2022</b> , 51, 102594	6.1	
5	Light-material interfaces for self-powered optoelectronics. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 25694-25705	13	0
4	A review on intense pulsed light process as post-treatment for metal oxide thin films and nanostructures for device application.. <i>Nanotechnology</i> , <b>2022</b> ,	3-4	0
3	Flash light assisted additive manufacturing of 3D structural electronics (FLAME). <b>2022</b> , 82, 319-335		0
2	Thermo-mechanical modeling of thermal stress during multi-cycle intense pulsed light sintering of thick conductive wires on 3D printed dark substrate. <b>2023</b> , 44, 106192		0
1	Photonic sintering of copper for rapid processing of thick film conducting circuits on FTO coated glass. <b>2023</b> , 13,		0