

Seung Kwon Seol

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,250
citations

430442

18
h-index

476904

29
g-index

34
all docs

34
docs citations

34
times ranked

1838
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Printing of Reduced Graphene Oxide Nanowires. <i>Advanced Materials</i> , 2015, 27, 157-161.	11.1	227
2	Electrodeposition-based 3D Printing of Metallic Microarchitectures with Controlled Internal Structures. <i>Small</i> , 2015, 11, 3896-3902.	5.2	110
3	Three-Dimensional Printing of Highly Conductive Carbon Nanotube Microarchitectures with Fluid Ink. <i>ACS Nano</i> , 2016, 10, 8879-8887.	7.3	109
4	Three-Dimensional Writing of Conducting Polymer Nanowire Arrays by Meniscus-Guided Polymerization. <i>Advanced Materials</i> , 2011, 23, 1968-1970.	11.1	100
5	Flexible Strain Sensors Fabricated by Meniscus-Guided Printing of Carbon Nanotube-Polymer Composites. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 19999-20005.	4.0	71
6	3D Nanoprinting of Perovskites. <i>Advanced Materials</i> , 2019, 31, e1904073.	11.1	64
7	3D printing of Fe ₃ O ₄ functionalized graphene-polymer (FGP) composite microarchitectures. <i>Carbon</i> , 2020, 167, 278-284.	5.4	58
8	Microwave synthesis of gold nanoparticles: Effect of applied microwave power and solution pH. <i>Materials Chemistry and Physics</i> , 2011, 131, 331-335.	2.0	54
9	Electroless Deposition-Assisted 3D Printing of Micro Circuitries for Structural Electronics. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 7123-7130.	4.0	52
10	Metals by Micro-Scale Additive Manufacturing: Comparison of Microstructure and Mechanical Properties. <i>Advanced Functional Materials</i> , 2020, 30, 1910491.	7.8	52
11	Three-dimensional Printing of Silver Microarchitectures Using Newtonian Nanoparticle Inks. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18918-18924.	4.0	46
12	Meniscus-on-Demand Parallel 3D Nanoprinting. <i>ACS Nano</i> , 2018, 12, 4172-4177.	7.3	42
13	3D-Printed Quantum Dot Nanopixels. <i>ACS Nano</i> , 2020, 14, 10993-11001.	7.3	36
14	Three-Dimensional Perovskite Nanopixels for Ultrahigh-Resolution Color Displays and Multilevel Anticounterfeiting. <i>Nano Letters</i> , 2021, 21, 5186-5194.	4.5	33
15	3D-printed NiFe-layered double hydroxide pyramid electrodes for enhanced electrocatalytic oxygen evolution reaction. <i>Scientific Reports</i> , 2022, 12, 346.	1.6	23
16	Individually Addressable Suspended Conducting Polymer Wires in a Chemiresistive Gas Sensor. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1633-1638.	1.1	20
17	Rearrangement of 1D Conducting Nanomaterials towards Highly Electrically Conducting Nanocomposite Fibres for Electronic Textiles. <i>Scientific Reports</i> , 2015, 5, 9300.	1.6	20
18	Self-passivation of transparent single-walled carbon nanotube films on plastic substrates by microwave-induced rapid nanowelding. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	19

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19	Micropatterning of reduced graphene oxide by meniscus-guided printing. Carbon, 2017, 123, 364-370.	5.4	15
20	3D printing of highly conductive silver architectures enabled to sinter at low temperatures. Nanoscale, 2019, 11, 17682-17688.	2.8	15
21	3D-printed Cu ₂ O photoelectrodes for photoelectrochemical water splitting. Nanoscale Advances, 2020, 2, 5600-5606.	2.2	14
22	Carbon nanotube-conducting polymer composite wires formed by fountain pen growth (FPG) route. RSC Advances, 2012, 2, 8926.	1.7	13
23	Conductivity enhancement of stretchable PEDOT:PSS nanowire interconnect fabricated by fountain-pen lithography. Materials Chemistry and Physics, 2014, 147, 1171-1174.	2.0	13
24	A 3D integrated neuromorphic chemical sensing system. Sensors and Actuators B: Chemical, 2021, 332, 129527.	4.0	13
25	Effect of citrate on poly(vinyl pyrrolidone)-stabilized gold nanoparticles formed by PVP reduction in microwave (MW) synthesis. Materials Chemistry and Physics, 2012, 137, 135-139.	2.0	11
26	Precise Placement of Microbubble Templates at Single Entity Resolution. ACS Macro Letters, 2018, 7, 1267-1271.	2.3	8
27	Air-Pressure-Assisted Pen-Nib Printing for 3D Printed Electronics. Advanced Materials Technologies, 2022, 7, 2101172.	3.0	6
28	Nanoscale 3D Printing of Quantum Dots on Paper. Advanced Engineering Materials, 2021, 23, 2100339.	1.6	2
29	Polymer Nanowire Writing: Three-Dimensional Writing of Conducting Polymer Nanowire Arrays by Meniscus-Guided Polymerization (Adv. Mater. 17/2011). Advanced Materials, 2011, 23, 1916-1916.	11.1	0
30	Effects of grid parameters on field emission characteristics in triode type CNT X-ray source. , 2012, , .		0
31	Field-emission X-ray sources with an anisotropic focusing lens for isotropic X-ray focal spots. , 2012, , .		0
32	3D Printing: Electrodeposition-based 3D Printing of Metallic Microarchitectures with Controlled Internal Structures (Small 32/2015). Small, 2015, 11, 4028-4028.	5.2	0