

# Seung Kwon Seol

## List of Publications by Citations

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30  
papers

868  
citations

15  
h-index

29  
g-index

34  
ext. papers

1,026  
ext. citations

10.3  
avg, IF

4.07  
L-index

#	Paper	IF	Citations
30	3D printing of reduced graphene oxide nanowires. <i>Advanced Materials</i> , <b>2015</b> , 27, 157-61	24	188
29	Three-Dimensional Printing of Highly Conductive Carbon Nanotube Microarchitectures with Fluid Ink. <i>ACS Nano</i> , <b>2016</b> , 10, 8879-87	16.7	91
28	Electrodeposition-based 3D Printing of Metallic Microarchitectures with Controlled Internal Structures. <i>Small</i> , <b>2015</b> , 11, 3896-902	11	80
27	Three-dimensional writing of conducting polymer nanowire arrays by meniscus-guided polymerization. <i>Advanced Materials</i> , <b>2011</b> , 23, 1968-70	24	78
26	Microwave synthesis of gold nanoparticles: Effect of applied microwave power and solution pH. <i>Materials Chemistry and Physics</i> , <b>2011</b> , 131, 331-335	4.4	45
25	Flexible Strain Sensors Fabricated by Meniscus-Guided Printing of Carbon Nanotube-Polymer Composites. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 19999-20005	9.5	44
24	3D Nanoprinting of Perovskites. <i>Advanced Materials</i> , <b>2019</b> , 31, e1904073	24	37
23	Three-dimensional Printing of Silver Microarchitectures Using Newtonian Nanoparticle Inks. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 18918-18924	9.5	36
22	Electroless Deposition-Assisted 3D Printing of Micro Circuitries for Structural Electronics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 7123-7130	9.5	31
21	3D printing of Fe <sub>3</sub> O <sub>4</sub> functionalized graphene-polymer (FGP) composite microarchitectures. <i>Carbon</i> , <b>2020</b> , 167, 278-284	10.4	28
20	Meniscus-on-Demand Parallel 3D Nanoprinting. <i>ACS Nano</i> , <b>2018</b> , 12, 4172-4177	16.7	28
19	Individually Addressable Suspended Conducting-Polymer Wires in a Chemiresistive Gas Sensor. <i>Macromolecular Chemistry and Physics</i> , <b>2014</b> , 215, 1633-1638	2.6	20
18	Metals by Micro-Scale Additive Manufacturing: Comparison of Microstructure and Mechanical Properties. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1910491	15.6	20
17	Rearrangement of 1D conducting nanomaterials towards highly electrically conducting nanocomposite fibres for electronic textiles. <i>Scientific Reports</i> , <b>2015</b> , 5, 9300	4.9	19
16	Self-passivation of transparent single-walled carbon nanotube films on plastic substrates by microwave-induced rapid nanowelding. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 163120	3.4	18
15	3D-Printed Quantum Dot Nanopixels. <i>ACS Nano</i> , <b>2020</b> , 14, 10993-11001	16.7	15
14	Micropatterning of reduced graphene oxide by meniscus-guided printing. <i>Carbon</i> , <b>2017</b> , 123, 364-370	10.4	14

13	Carbon nanotube-conducting polymer composite wires formed by fountain pen growth (FPG) route. <i>RSC Advances</i> , <b>2012</b> , 2, 8926	3.7	13
12	Conductivity enhancement of stretchable PEDOT:PSS nanowire interconnect fabricated by fountain-pen lithography. <i>Materials Chemistry and Physics</i> , <b>2014</b> , 147, 1171-1174	4.4	11
11	Effect of citrate on poly(vinyl pyrrolidone)-stabilized gold nanoparticles formed by PVP reduction in microwave (MW) synthesis. <i>Materials Chemistry and Physics</i> , <b>2012</b> , 137, 135-139	4.4	11
10	3D printing of highly conductive silver architectures enabled to sinter at low temperatures. <i>Nanoscale</i> , <b>2019</b> , 11, 17682-17688	7.7	10
9	Three-Dimensional Perovskite Nanopixels for Ultrahigh-Resolution Color Displays and Multilevel Anticounterfeiting. <i>Nano Letters</i> , <b>2021</b> , 21, 5186-5194	11.5	10
8	A 3D integrated neuromorphic chemical sensing system. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 332, 129527	8.5	6
7	3D-printed NiFe-layered double hydroxide pyramid electrodes for enhanced electrocatalytic oxygen evolution reaction.. <i>Scientific Reports</i> , <b>2022</b> , 12, 346	4.9	5
6	Precise Placement of Microbubble Templates at Single Entity Resolution. <i>ACS Macro Letters</i> , <b>2018</b> , 7, 1267-1271	6.6	5
5	3D-printed Cu <sub>2</sub> O photoelectrodes for photoelectrochemical water splitting. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 5600-5606	5.1	3
4	Air-Pressure-Assisted Pen-Nib Printing for 3D Printed Electronics. <i>Advanced Materials Technologies</i> , <b>2016</b> , 2, 101672	6.2	1
3	3D Printing: Electrodeposition-based 3D Printing of Metallic Microarchitectures with Controlled Internal Structures (Small 32/2015). <i>Small</i> , <b>2015</b> , 11, 4028-4028	11	
2	Polymer Nanowire Writing: Three-Dimensional Writing of Conducting Polymer Nanowire Arrays by Meniscus-Guided Polymerization (Adv. Mater. 17/2011). <i>Advanced Materials</i> , <b>2011</b> , 23, 1916-1916	24	
1	Nanoscale 3D Printing of Quantum Dots on Paper. <i>Advanced Engineering Materials</i> , <b>2021</b> , 23, 2100339	3.5	