

# Seung Kwon Seol

## List of Publications by Year in descending order

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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	Air-Pressure-Assisted Pen-Nib Printing for 3D Printed Electronics. <i>Advanced Materials Technologies</i> , 2022, 7, 2101172.	3.0	6
2	3D-printed NiFe-layered double hydroxide pyramid electrodes for enhanced electrocatalytic oxygen evolution reaction. <i>Scientific Reports</i> , 2022, 12, 346.	1.6	23
3	A 3D integrated neuromorphic chemical sensing system. <i>Sensors and Actuators B: Chemical</i> , 2021, 332, 129527.	4.0	13
4	Nanoscale 3D Printing of Quantum Dots on Paper. <i>Advanced Engineering Materials</i> , 2021, 23, 2100339.	1.6	2
5	Three-Dimensional Perovskite Nanopixels for Ultrahigh-Resolution Color Displays and Multilevel Anticounterfeiting. <i>Nano Letters</i> , 2021, 21, 5186-5194.	4.5	33
6	3D-Printed Quantum Dot Nanopixels. <i>ACS Nano</i> , 2020, 14, 10993-11001.	7.3	36
7	3D-printed Cu <sub>2</sub> O photoelectrodes for photoelectrochemical water splitting. <i>Nanoscale Advances</i> , 2020, 2, 5600-5606.	2.2	14
8	3D printing of Fe <sub>3</sub> O <sub>4</sub> functionalized graphene-polymer (FGP) composite microarchitectures. <i>Carbon</i> , 2020, 167, 278-284.	5.4	58
9	Metals by Micro-Scale Additive Manufacturing: Comparison of Microstructure and Mechanical Properties. <i>Advanced Functional Materials</i> , 2020, 30, 1910491.	7.8	52
10	3D Nanoprinting of Perovskites. <i>Advanced Materials</i> , 2019, 31, e1904073.	11.1	64
11	3D printing of highly conductive silver architectures enabled to sinter at low temperatures. <i>Nanoscale</i> , 2019, 11, 17682-17688.	2.8	15
12	Electroless Deposition-Assisted 3D Printing of Micro Circuitries for Structural Electronics. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 7123-7130.	4.0	52
13	Meniscus-on-Demand Parallel 3D Nanoprinting. <i>ACS Nano</i> , 2018, 12, 4172-4177.	7.3	42
14	Precise Placement of Microbubble Templates at Single Entity Resolution. <i>ACS Macro Letters</i> , 2018, 7, 1267-1271.	2.3	8
15	Flexible Strain Sensors Fabricated by Meniscus-Guided Printing of Carbon Nanotube-Polymer Composites. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 19999-20005.	4.0	71
16	Three-dimensional Printing of Silver Microarchitectures Using Newtonian Nanoparticle Inks. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 18918-18924.	4.0	46
17	Micropatterning of reduced graphene oxide by meniscus-guided printing. <i>Carbon</i> , 2017, 123, 364-370.	5.4	15
18	Three-Dimensional Printing of Highly Conductive Carbon Nanotube Microarchitectures with Fluid Ink. <i>ACS Nano</i> , 2016, 10, 8879-8887.	7.3	109

#	ARTICLE	IF	CITATIONS
19	Electrodeposition-based 3D Printing of Metallic Microarchitectures with Controlled Internal Structures. <i>Small</i> , 2015, 11, 3896-3902.	5.2	110
20	Rearrangement of 1D Conducting Nanomaterials towards Highly Electrically Conducting Nanocomposite Fibres for Electronic Textiles. <i>Scientific Reports</i> , 2015, 5, 9300.	1.6	20
21	3D Printing: Electrodeposition-based 3D Printing of Metallic Microarchitectures with Controlled Internal Structures ( <i>Small</i> 32/2015). <i>Small</i> , 2015, 11, 4028-4028.	5.2	0
22	3D Printing of Reduced Graphene Oxide Nanowires. <i>Advanced Materials</i> , 2015, 27, 157-161.	11.1	227
23	Individually Addressable Suspended Conducting Polymer Wires in a Chemiresistive Gas Sensor. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1633-1638.	1.1	20
24	Conductivity enhancement of stretchable PEDOT:PSS nanowire interconnect fabricated by fountain-pen lithography. <i>Materials Chemistry and Physics</i> , 2014, 147, 1171-1174.	2.0	13
25	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
26	Effects of grid parameters on field emission characteristics in triode type CNT X-ray source. , 2012, , .		0
27	Field-emission X-ray sources with an anisotropic focusing lens for isotropic X-ray focal spots. , 2012, , .		0
28	Carbon nanotube-conducting polymer composite wires formed by fountain pen growth (FPG) route. <i>RSC Advances</i> , 2012, 2, 8926.	1.7	13
29	Effect of citrate on poly(vinyl pyrrolidone)-stabilized gold nanoparticles formed by PVP reduction in microwave (MW) synthesis. <i>Materials Chemistry and Physics</i> , 2012, 137, 135-139.	2.0	11
30	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
31	Three-Dimensional Writing of Conducting Polymer Nanowire Arrays by Meniscus-Guided Polymerization. <i>Advanced Materials</i> , 2011, 23, 1968-1970.	11.1	100
32	Polymer Nanowire Writing: Three-Dimensional Writing of Conducting Polymer Nanowire Arrays by Meniscus-Guided Polymerization ( <i>Adv. Mater.</i> 17/2011). <i>Advanced Materials</i> , 2011, 23, 1916-1916.	11.1	0