Seung Kwon Seol

List of Publications by Year in Descending Order

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-printed NiFe-layered double hydroxide pyramid electrodes for enhanced electrocatalytic oxygen evolution reaction.. *Scientific Reports*, **2022**, 12, 346	4.9	5
29	A 3D integrated neuromorphic chemical sensing system. *Sensors and Actuators B: Chemical*, **2021**, 332, 129527	8.5	6
28	Nanoscale 3D Printing of Quantum Dots on Paper. *Advanced Engineering Materials*, **2021**, 23, 2100339	3.5	
27	Three-Dimensional Perovskite Nanopixels for Ultrahigh-Resolution Color Displays and Multilevel Anticounterfeiting. *Nano Letters*, **2021**, 21, 5186-5194	11.5	10
26	3D printing of Fe3O4 functionalized graphene-polymer (FGP) composite microarchitectures. *Carbon*, **2020**, 167, 278-284	10.4	28
25	3D-Printed Quantum Dot Nanopixels. *ACS Nano*, **2020**, 14, 10993-11001	16.7	15
24	3D-printed Cu2O photoelectrodes for photoelectrochemical water splitting. *Nanoscale Advances*, **2020**, 2, 5600-5606	5.1	3
23	Metals by Micro-Scale Additive Manufacturing: Comparison of Microstructure and Mechanical Properties. *Advanced Functional Materials*, **2020**, 30, 1910491	15.6	20
22	3D Nanoprinting of Perovskites. *Advanced Materials*, **2019**, 31, e1904073	24	37
21	3D printing of highly conductive silver architectures enabled to sinter at low temperatures. *Nanoscale*, **2019**, 11, 17682-17688	7.7	10
20	Electroless Deposition-Assisted 3D Printing of Micro Circuitries for Structural Electronics. *ACS Applied Materials & Interfaces*, **2019**, 11, 7123-7130	9.5	31
19	Meniscus-on-Demand Parallel 3D Nanoprinting. *ACS Nano*, **2018**, 12, 4172-4177	16.7	28
18	Precise Placement of Microbubble Templates at Single Entity Resolution. *ACS Macro Letters*, **2018**, 7, 1267-1271	6.6	5
17	Flexible Strain Sensors Fabricated by Meniscus-Guided Printing of Carbon Nanotube-Polymer Composites. *ACS Applied Materials & Interfaces*, **2018**, 10, 19999-20005	9.5	44
16	Three-dimensional Printing of Silver Microarchitectures Using Newtonian Nanoparticle Inks. *ACS Applied Materials & Interfaces*, **2017**, 9, 18918-18924	9.5	36
15	Micropatterning of reduced graphene oxide by meniscus-guided printing. *Carbon*, **2017**, 123, 364-370	10.4	14
14	Three-Dimensional Printing of Highly Conductive Carbon Nanotube Microarchitectures with Fluid Ink. *ACS Nano*, **2016**, 10, 8879-87	16.7	91

List of Publications

13	Electrodeposition-based 3D Printing of Metallic Microarchitectures with Controlled Internal Structures. *Small*, **2015**, 11, 3896-902	11	80
12	Rearrangement of 1D conducting nanomaterials towards highly electrically conducting nanocomposite fibres for electronic textiles. *Scientific Reports*, **2015**, 5, 9300	4.9	19
11	3D Printing: Electrodeposition-based 3D Printing of Metallic Microarchitectures with Controlled Internal Structures (Small 32/2015). *Small*, **2015**, 11, 4028-4028	11	
10	3D printing of reduced graphene oxide nanowires. *Advanced Materials*, **2015**, 27, 157-61	24	188
9	Conductivity enhancement of stretchable PEDOT:PSS nanowire interconnect fabricated by fountain-pen lithography. *Materials Chemistry and Physics*, **2014**, 147, 1171-1174	4.4	11
8	Individually Addressable Suspended Conducting-Polymer Wires in a Chemiresistive Gas Sensor. *Macromolecular Chemistry and Physics*, **2014**, 215, 1633-1638	2.6	20
7	Carbon nanotube-conducting polymer composite wires formed by fountain pen growth (FPG) route. *RSC Advances*, **2012**, 2, 8926	3.7	13
6	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	4.4	11
5	Self-passivation of transparent single-walled carbon nanotube films on plastic substrates by microwave-induced rapid nanowelding. *Applied Physics Letters*, **2012**, 100, 163120	3.4	18
4	Microwave synthesis of gold nanoparticles: Effect of applied microwave power and solution pH. *Materials Chemistry and Physics*, **2011**, 131, 331-335	4.4	45
3	Three-dimensional writing of conducting polymer nanowire arrays by meniscus-guided polymerization. *Advanced Materials*, **2011**, 23, 1968-70	24	78
2	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	24	
1	Air-Pressure-Assisted Pen-Nib Printing for 3D Printed Electronics. *Advanced Materials Technologies*,2101632	6.2	1