

Ji Tae Kim

List of Publications by Year in descending order

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36
papers

1,177
citations

471061

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34
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docs citations

38
times ranked

1790
citing authors

#	ARTICLE	IF	CITATIONS
1	Meniscus-Guided 3D Microprinting of Pure Metal-Organic Frameworks with High Gas-Uptake Performance. ACS Applied Materials & Interfaces, 2022, 14, 7184-7191.	4.0	7
2	Responsive photonic nanopixels with hybrid scatterers. Nanophotonics, 2022, 11, 1863-1886.	2.9	9
3	Scalable Subsecond Synthesis of Drug Scaffolds via Aryllithium Intermediates by Numbered-up 3D-Printed Metal Microreactors. ACS Central Science, 2022, 8, 43-50.	5.3	6
4	On-Demand, Direct Printing of Nanodiamonds at the Quantum Level. Advanced Science, 2022, 9, e2103598.	5.6	8
5	Three-Dimensional Plasmonic Nanocluster-Driven Light-Matter Interaction for Photoluminescence Enhancement and Picomolar-Level Biosensing. Nano Letters, 2022, 22, 4702-4711.	4.5	20
6	Three-Dimensional Printing of Self-Assembled Dipeptides. ACS Applied Materials & Interfaces, 2021, 13, 20573-20580.	4.0	16
7	Nanoscale 3D Printing of Quantum Dots on Paper. Advanced Engineering Materials, 2021, 23, 2100339.	1.6	2
8	Three-Dimensional Perovskite Nanopixels for Ultrahigh-Resolution Color Displays and Multilevel Anticounterfeiting. Nano Letters, 2021, 21, 5186-5194.	4.5	33
9	One-Step, Continuous Three-Dimensional Printing of Multi-Stimuli-Responsive Bilayer Microactuators via a Double-Barreled Theta Pipette. ACS Applied Materials & Interfaces, 2021, 13, 43396-43403.	4.0	8
10	Vapor Mapping in a Microscopic Space with a Scanning Nanoprobe Interferometer. Journal of Physical Chemistry C, 2021, 125, 24137-24144.	1.5	2
11	3D-Printed Quantum Dot Nanopixels. ACS Nano, 2020, 14, 10993-11001.	7.3	36
12	On-Demand 3D Printing of Nanowire Probes for High-Aspect-Ratio Atomic Force Microscopy Imaging. ACS Applied Materials & Interfaces, 2020, 12, 46571-46577.	4.0	9
13	Parallel, Multi-Material Electrohydrodynamic 3D Nanoprinting. Small, 2020, 16, e1906402.	5.2	30
14	Scanning Nanowire Probe Interferometer for Scalable Humidity Mapping. Advanced Materials Technologies, 2020, 5, 1900937.	3.0	2
15	Electrohydrodynamic 3D Nanoprinting: Parallel, Multi-Material Electrohydrodynamic 3D Nanoprinting (Small 13/2020). Small, 2020, 16, 2070070.	5.2	0
16	Air evolution during drop impact on liquid pool. Scientific Reports, 2020, 10, 5790.	1.6	8
17	Enhanced Controllability of Fries Rearrangements Using High-Resolution 3D-Printed Metal Microreactor with Circular Channel. Small, 2019, 15, e1905005.	5.2	20
18	3D Nanoprinting of Perovskites. Advanced Materials, 2019, 31, e1904073.	11.1	64

#	ARTICLE	IF	CITATIONS
19	Electroless Deposition-Assisted 3D Printing of Micro Circuitries for Structural Electronics. ACS Applied Materials & Interfaces, 2019, 11, 7123-7130.	4.0	52
20	Electrocoiling-guided printing of multiscale architectures at single-wavelength resolution. Lab on a Chip, 2019, 19, 1953-1960.	3.1	8
21	X-ray-Powered Micromotors. ACS Applied Materials & Interfaces, 2019, 11, 15727-15732.	4.0	35
22	Meniscus-on-Demand Parallel 3D Nanoprinting. ACS Nano, 2018, 12, 4172-4177.	7.3	42
23	Precise Placement of Microbubble Templates at Single Entity Resolution. ACS Macro Letters, 2018, 7, 1267-1271.	2.3	8
24	Three-dimensional Printing of Silver Microarchitectures Using Newtonian Nanoparticle Inks. ACS Applied Materials & Interfaces, 2017, 9, 18918-18924.	4.0	46
25	Nanodiamonds That Swim. Advanced Materials, 2017, 29, 1701024.	11.1	34
26	Nanodiamonds: Nanodiamonds That Swim (Adv. Mater. 30/2017). Advanced Materials, 2017, 29, .	11.1	2
27	Levitated Plasmonic Nanoantennas in an Aqueous Environment. ACS Nano, 2017, 11, 7674-7678.	7.3	9
28	3D Printed Nanophotonic Waveguides. Advanced Optical Materials, 2016, 4, 1190-1195.	3.6	21
29	Three-Dimensional Printing of Highly Conductive Carbon Nanotube Microarchitectures with Fluid Ink. ACS Nano, 2016, 10, 8879-8887.	7.3	109
30	Electrodeposition-based 3D Printing of Metallic Microarchitectures with Controlled Internal Structures. Small, 2015, 11, 3896-3902.	5.2	110
31	3D Printing of Reduced Graphene Oxide Nanowires. Advanced Materials, 2015, 27, 157-161.	11.1	227
32	Scanning-aperture trapping and manipulation of single charged nanoparticles. Nature Communications, 2014, 5, 3380.	5.8	26
33	Three-Dimensional Writing of Highly Stretchable Organic Nanowires. ACS Macro Letters, 2012, 1, 375-379.	2.3	47
34	Three-Dimensional Writing of Conducting Polymer Nanowire Arrays by Meniscus-Guided Polymerization. Advanced Materials, 2011, 23, 1968-1970.	11.1	100
35	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
36	Three-Dimensional (3D) Polypyrrole Microstructures with High Aspect Ratios Fabricated by Localized Electropolymerization. Macromolecules, 2008, 41, 3071-3074.	2.2	17