Yongkun Sui

List of Publications by Year
in descending order

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Version: 2024-02-01

17	241	1163117 8	1199594 12
papers	citations	h-index	g-index

17	17	17	342
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reviewâ€"Inkjet Printing of Metal Structures for Electrochemical Sensor Applications. Journal of the Electrochemical Society, 2020, 167, 037571.	2.9	63
2	A New Class of Lowâ€Temperature Plasmaâ€Activated, Inorganic Saltâ€Based Particleâ€Free Inks for Inkjet Printing Metals. Advanced Materials Technologies, 2019, 4, 1900119.	5.8	29
3	Plasmas for additive manufacturing. Plasma Processes and Polymers, 2020, 17, 2000009.	3.0	24
4	Electrically Conductive, Reduced Graphene Oxide Structures Fabricated by Inkjet Printing and Low Temperature Plasma Reduction. Advanced Materials Technologies, 2019, 4, 1900834.	5.8	22
5	Fabrication of a Silver-Based Thermistor on Flexible, Temperature-Sensitive Substrates Using a Low-Temperature Inkjet Printing Technique. , 2019, 3, 1-4.		18
6	Nanoparticle based simple electrochemical biosensor platform for profiling of protein-nucleic acid interactions. Talanta, 2019, 195, 46-54.	5.5	18
7	Controlled Biodegradation of an Additively Fabricated Capacitive Soil Moisture Sensor. ACS Sustainable Chemistry and Engineering, 2021, 9, 2486-2495.	6.7	17
8	Tunable resistivity in ink-jet printed electrical structures on paper by plasma conversion of particle-free, stabilizer-free silver inks. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2018, 36, 051302.	2.1	13
9	Degradability of Biodegradable Soil Moisture Sensor Components and Their Effect on Maize (Zea mays) Tj ETQq1 1 0.784314 rgBT /O	3.8	9
10	Direct, Transfer-Free Growth of Large-Area Hexagonal Boron Nitride Films by Plasma-Enhanced Chemical Film Conversion (PECFC) of Printable, Solution-Processed Ammonia Borane. ACS Applied Materials & Interfaces, 2018, 10, 43936-43945.	8.0	7
11	Inkjet-Printed Hydrogen Peroxide Sensor With Sensitivity Enhanced by Plasma Activated Inorganic Metal Salt Inks. Journal of Microelectromechanical Systems, 2020, 29, 1026-1031.	2.5	7
12	Engineering the surface morphology of inkjet printed Ag by controlling solvent evaporation during plasma conversion of AgNO₃ inks. Journal of Materials Chemistry C, 2022, 10, 5257-5265.	5.5	6
13	A Reactive Inkjet Printing Process for Fabricating Biodegradable Conductive Zinc Structures. Advanced Engineering Materials, 2023, 25, .	3.5	6
14	An Inkjet Printed Ag Strain Gauge on Flexible Cellophane using a Metal-Salt based Ink. , 2021, , .		2
15	A new smart fall-down detector for senior healthcare system using inertial microsensors. , 2014, 2014, 590-3.		0
16	Electrically conductive, polymer nanofibers fabricated by electrospinning and electroless copper plating. , 2017, , .		0
17	Characterizing the resonant behavior and quality factors of 3C-SiC diaphragms using frequency analysis and the ring-down technique. , 2017, , .		0