

Yongkun Sui

List of Publications by Year in descending order

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17
papers

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17
times ranked

342
citing authors

#	ARTICLE	IF	CITATIONS
1	A Reactive Inkjet Printing Process for Fabricating Biodegradable Conductive Zinc Structures. <i>Advanced Engineering Materials</i> , 2023, 25, .	3.5	6
2	Engineering the surface morphology of inkjet printed Ag by controlling solvent evaporation during plasma conversion of AgNO ₃ inks. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5257-5265.	5.5	6
3	Controlled Biodegradation of an Additively Fabricated Capacitive Soil Moisture Sensor. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2486-2495.	6.7	17
4	An Inkjet Printed Ag Strain Gauge on Flexible Cellophane using a Metal-Salt based Ink. , 2021, , .		2
5	Inkjet-Printed Hydrogen Peroxide Sensor With Sensitivity Enhanced by Plasma Activated Inorganic Metal Salt Inks. <i>Journal of Microelectromechanical Systems</i> , 2020, 29, 1026-1031.	2.5	7
6	Degradability of Biodegradable Soil Moisture Sensor Components and Their Effect on Maize (<i>Zea mays</i>) Tj ETQqO 0.0 rgBT /Oylock 10	3.8	9
7	Plasmas for additive manufacturing. <i>Plasma Processes and Polymers</i> , 2020, 17, 2000009.	3.0	24
8	Reviewâ€”Inkjet Printing of Metal Structures for Electrochemical Sensor Applications. <i>Journal of the Electrochemical Society</i> , 2020, 167, 037571.	2.9	63
9	Electrically Conductive, Reduced Graphene Oxide Structures Fabricated by Inkjet Printing and Low Temperature Plasma Reduction. <i>Advanced Materials Technologies</i> , 2019, 4, 1900834.	5.8	22
10	Fabrication of a Silver-Based Thermistor on Flexible, Temperature-Sensitive Substrates Using a Low-Temperature Inkjet Printing Technique. , 2019, 3, 1-4.		18
11	A New Class of Lowâ€”Temperature Plasmaâ€”Activated, Inorganic Saltâ€”Based Particleâ€”Free Inks for Inkjet Printing Metals. <i>Advanced Materials Technologies</i> , 2019, 4, 1900119.	5.8	29
12	Nanoparticle based simple electrochemical biosensor platform for profiling of protein-nucleic acid interactions. <i>Talanta</i> , 2019, 195, 46-54.	5.5	18
13	Direct, Transfer-Free Growth of Large-Area Hexagonal Boron Nitride Films by Plasma-Enhanced Chemical Film Conversion (PECFC) of Printable, Solution-Processed Ammonia Borane. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 43936-43945.	8.0	7
14	Tunable resistivity in ink-jet printed electrical structures on paper by plasma conversion of particle-free, stabilizer-free silver inks. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2018, 36, 051302.	2.1	13
15	Electrically conductive, polymer nanofibers fabricated by electrospinning and electroless copper plating. , 2017, , .		0
16	Characterizing the resonant behavior and quality factors of 3C-SiC diaphragms using frequency analysis and the ring-down technique. , 2017, , .		0
17	A new smart fall-down detector for senior healthcare system using inertial microsensors. , 2014, 2014, 590-3.		0