

John A Hondred

List of Publications by Year in descending order

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papers

568
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840119

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#	ARTICLE	IF	CITATIONS
1	All-graphene-based open fluidics for pumpless, small-scale fluid transport <i>via</i> laser-controlled wettability patterning. <i>Nanoscale Horizons</i> , 2021, 6, 24-32.	4.1	12
2	Determination of Electrical Stimuli Parameters To Transdifferentiate Genetically Engineered Mesenchymal Stem Cells into Neuronal or Glial Lineages. <i>Regenerative Engineering and Translational Medicine</i> , 2020, 6, 18-28.	1.6	7
3	Nanoporous gold peel-and-stick biosensors created with etching inkjet maskless lithography for electrochemical pesticide monitoring with microfluidics. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11376-11388.	2.7	29
4	Fabrication of Two-Dimensional and Three-Dimensional High-Resolution Binder-Free Graphene Circuits Using a Microfluidic Approach for Sensor Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13529-13539.	4.0	4
5	Stamped multilayer graphene laminates for disposable in-field electrodes: application to electrochemical sensing of hydrogen peroxide and glucose. <i>Mikrochimica Acta</i> , 2019, 186, 533.	2.5	19
6	Fabrication of High-resolution Graphene-based Flexible Electronics via Polymer Casting. <i>Scientific Reports</i> , 2019, 9, 10595.	1.6	26
7	Enhanced electrochemical biosensor and supercapacitor with 3D porous architected graphene <i>via</i> salt impregnated inkjet maskless lithography. <i>Nanoscale Horizons</i> , 2019, 4, 735-746.	4.1	43
8	Printed Graphene Electrochemical Biosensors Fabricated by Inkjet Maskless Lithography for Rapid and Sensitive Detection of Organophosphates. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 11125-11134.	4.0	112
9	Enabling Inkjet Printed Graphene for Ion Selective Electrodes with Postprint Thermal Annealing. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 12719-12727.	4.0	59
10	Electrical Differentiation of Mesenchymal Stem Cells into Schwannâ€Cellâ€Like Phenotypes Using Inkjetâ€Printed Graphene Circuits. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601087.	3.9	60
11	High-Resolution Graphene Films for Electrochemical Sensing <i>via</i> Inkjet Maskless Lithography. <i>ACS Nano</i> , 2017, 11, 9836-9845.	7.3	56
12	Enhanced enzymatic activity from phosphotriesterase trimer gold nanoparticle bioconjugates for pesticide detection. <i>Analyst, The</i> , 2017, 142, 3261-3271.	1.7	33
13	3D nanostructured inkjet printed graphene via UV-pulsed laser irradiation enables paper-based electronics and electrochemical devices. <i>Nanoscale</i> , 2016, 8, 15870-15879.	2.8	108