

John A Hondred

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2353144/publications.pdf>

Version: 2024-02-01

13
papers

568
citations

840119

11
h-index

1125271

13
g-index

14
all docs

14
docs citations

14
times ranked

967
citing authors

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