

Islam M Mosa

List of Publications by Year in descending order

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17
papers

1,731
citations

567144

15
h-index

839398

18
g-index

18
all docs

18
docs citations

18
times ranked

3897
citing authors

#	ARTICLE	IF	CITATIONS
1	An Ultra-Shapeable, Smart Sensing Platform Based on a Multimodal Ferrofluid-Infused Surface. <i>Advanced Materials</i> , 2019, 31, e1807201.	11.1	53
2	All printable snow-based triboelectric nanogenerator. <i>Nano Energy</i> , 2019, 60, 17-25.	8.2	42
3	Disposable inkjet-printed electrochemical platform for detection of clinically relevant HER-2 breast cancer biomarker. <i>Biosensors and Bioelectronics</i> , 2018, 104, 158-162.	5.3	62
4	Automated 3D-Printed Microfluidic Array for Rapid Nanomaterial-Enhanced Detection of Multiple Proteins. <i>Analytical Chemistry</i> , 2018, 90, 7569-7577.	3.2	54
5	Automated 4-sample protein immunoassays using 3D-printed microfluidics. <i>Analytical Methods</i> , 2018, 10, 4000-4006.	1.3	19
6	Ultrathin Graphene-Protein Supercapacitors for Miniaturized Bioelectronics. <i>Advanced Energy Materials</i> , 2017, 7, 1700358.	10.2	88
7	Mesoporous MoO ₃ Material as an Efficient Electrocatalyst for Hydrogen Evolution Reactions. <i>Advanced Energy Materials</i> , 2016, 6, 1600528.	10.2	353
8	Unconventional structural and morphological transitions of nanosheets, nanoflakes and nanorods of AuNP@MnO ₂ . <i>Journal of Materials Chemistry A</i> , 2016, 4, 6447-6455.	5.2	39
9	Microfluidic array for simultaneous detection of DNA oxidation and DNA-adduct damage. <i>Analyst</i> , The, 2016, 141, 5722-5729.	1.7	9
10	Electrocatalytic Oxidation of Alcohols, Tripropylamine, and DNA with Ligand-Free Gold Nanoclusters on Nitrided Carbon. <i>ChemElectroChem</i> , 2016, 3, 2100-2109.	1.7	12
11	Controlling the Active Sites of Sulfur-Doped Carbon Nanotube-Graphene Nanolobes for Highly Efficient Oxygen Evolution and Reduction Catalysis. <i>Advanced Energy Materials</i> , 2016, 6, 1501966.	10.2	242
12	Electrochemiluminescent Array to Detect Oxidative Damage in ds-DNA Using [Os(bpy) ₂ (phen-benz-COOH)] ²⁺ /Nafion/Graphene Films. <i>ACS Sensors</i> , 2016, 1, 272-278.	4.0	30
13	Ligand-Free Noble Metal Nanocluster Catalysts on Carbon Supports via "Soft" Nitriding. <i>Journal of the American Chemical Society</i> , 2016, 138, 4718-4721.	6.6	204
14	Tunable mesoporous manganese oxide for high performance oxygen reduction and evolution reactions. <i>Journal of Materials Chemistry A</i> , 2016, 4, 620-631.	5.2	113
15	3D-printed supercapacitor-powered electrochemiluminescent protein immunoarray. <i>Biosensors and Bioelectronics</i> , 2016, 77, 188-193.	5.3	147
16	Robust Mesoporous Manganese Oxide Catalysts for Water Oxidation. <i>ACS Catalysis</i> , 2015, 5, 1693-1699.	5.5	178
17	Facet-dependent catalytic activity of MnO electrocatalysts for oxygen reduction and oxygen evolution reactions. <i>Chemical Communications</i> , 2015, 51, 5951-5954.	2.2	84