Abid Ameen

List of Publications by Year
in descending order

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17	2,068	840776 11	996975 15
papers	citations	h-index	g-index

17	17	17	3885
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plasmonic Metalâ€“Insulatorâ€“Metal Capped Polymer Nanopillars for SERS Analysis of Proteinâ€“Protein Interactions. Journal of Physical Chemistry C, 2018, 122, 6255-6266.	3.1	15
2	Spectrometer-Free Plasmonic Biosensing with Metalâ€“Insulatorâ€“Metal Nanocup Arrays. ACS Sensors, 2018, 3, 290-298.	7.8	33
3	Colorimetric imaging of layer-by-layer molecular deposition on nanoplasmonic lycurgus cup array. Sensors and Actuators B: Chemical, 2018, 254, 827-833.	7.8	5
4	Biosensors: Plasmonic Sensing of Oncoproteins without Resonance Shift Using 3D Periodic Nanocavity in Nanocup Arrays (Advanced Optical Materials 11/2017). Advanced Optical Materials, 2017, 5, .	7.3	0
5	Plasmonic Sensing of Oncoproteins without Resonance Shift Using 3D Periodic Nanocavity in Nanocup Arrays. Advanced Optical Materials, 2017, 5, 1601051.	7.3	24
6	Large-area, lithography-free, low-cost SERS sensor with good flexibility and high performance. Nanotechnology, 2016, 27, 385205.	2.6	9
7	Large-area, uniform and low-cost dual-mode plasmonic naked-eye colorimetry and SERS sensor with handheld Raman spectrometer. Nanoscale, 2016, 8, 6162-6172.	5.6	48
8	Substrate binding to cytochrome P450-2J2 in Nanodiscs detected by nanoplasmonic Lycurgus cup arrays. Biosensors and Bioelectronics, 2016, 75, 337-346.	10.1	11
9	Ultra-Sensitive Colorimetric Plasmonic Sensing and Microfluidics for Biofluid Diagnostics Using Nanohole Array. Journal of Nanomaterials, 2015, 2015, 1-21.	2.7	21
10	Colorimetric Effect of Gold Nanocup Arrays on Fluorescence Amplification. Journal of Physical Chemistry C, 2015, 119, 18518-18526.	3.1	4
11	Optofluidically Tuned Fluorescence Enhancement by Plasmonic Nanocup Arrays. Materials Research Society Symposia Proceedings, 2014, 1720, 1.	0.1	0
12	3D multifunctional integumentary membranes for spatiotemporal cardiac measurements and stimulation across the entire epicardium. Nature Communications, 2014, 5, 3329.	12.8	485
13	Thin Film Receiver Materials for Deterministic Assembly by Transfer Printing. Chemistry of Materials, 2014, 26, 3502-3507.	6.7	35
14	Multi-Functional Electronics: Multifunctional Epidermal Electronics Printed Directly Onto the Skin (Adv. Mater. 20/2013). Advanced Materials, 2013, 25, 2772-2772.	21.0	16
15	Electronic sensor and actuator webs for large-area complex geometry cardiac mapping and therapy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19910-19915.	7.1	209
16	A Physically Transient Form of Silicon Electronics. Science, 2012, 337, 1640-1644.	12.6	1,085
17	Piezoresistive Strain Sensors and Multiplexed Arrays Using Assemblies of Single-Crystalline Silicon Nanoribbons on Plastic Substrates. IEEE Transactions on Electron Devices, 2011, 58, 4074-4078.	3.0	68