

Emily P Nguyen

List of Publications by Year in descending order

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17
papers

1,395
citations

623574

14
h-index

887953

17
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docs citations

17
times ranked

2724
citing authors

#	ARTICLE	IF	CITATIONS
1	Tutorial: design and fabrication of nanoparticle-based lateral-flow immunoassays. <i>Nature Protocols</i> , 2020, 15, 3788-3816.	5.5	235
2	Electronic Tuning of 2D MoS ₂ through Surface Functionalization. <i>Advanced Materials</i> , 2015, 27, 6225-6229.	11.1	194
3	Investigation of Two-Solvent Grinding-Assisted Liquid Phase Exfoliation of Layered MoS ₂ . <i>Chemistry of Materials</i> , 2015, 27, 53-59.	3.2	194
4	High-Performance Field Effect Transistors Using Electronic Inks of 2D Molybdenum Oxide Nanoflakes. <i>Advanced Functional Materials</i> , 2016, 26, 91-100.	7.8	164
5	Field Effect Biosensing Platform Based on 2D \pm -MoO ₃ . <i>ACS Nano</i> , 2013, 7, 9753-9760.	7.3	161
6	Excitation dependent bidirectional electron transfer in phthalocyanine-functionalised MoS ₂ nanosheets. <i>Nanoscale</i> , 2016, 8, 16276-16283.	2.8	62
7	2D MoS ₂ PDMS Nanocomposites for NO ₂ Separation. <i>Small</i> , 2015, 11, 5035-5040.	5.2	59
8	Two solvent grinding sonication method for the synthesis of two-dimensional tungsten disulphide flakes. <i>Chemical Communications</i> , 2015, 51, 3770-3773.	2.2	58
9	High-Throughput Continuous Production of Shear-Exfoliated 2D Layered Materials using Compressible Flows. <i>Advanced Materials</i> , 2018, 30, e1800200.	11.1	51
10	Recent advancement in biomedical applications on the surface of two-dimensional materials: from biosensing to tissue engineering. <i>Nanoscale</i> , 2020, 12, 19043-19067.	2.8	50
11	Inkjet-printed electrochemically reduced graphene oxide microelectrode as a platform for HT-2 mycotoxin immunoenzymatic biosensing. <i>Biosensors and Bioelectronics</i> , 2020, 156, 112109.	5.3	44
12	Experimental Comparison in Sensing Breast Cancer Mutations by Signal ON and Signal OFF Paper-Based Electroanalytical Strips. <i>Analytical Chemistry</i> , 2020, 92, 1674-1679.	3.2	43
13	Nanodiagnostics to Face SARS-CoV-2 and Future Pandemics: From an Idea to the Market and Beyond. <i>ACS Nano</i> , 2021, 15, 17137-17149.	7.3	32
14	Liquid Exfoliation of Layered Transition Metal Dichalcogenides for Biological Applications. <i>Current Protocols in Chemical Biology</i> , 2016, 8, 97-108.	1.7	19
15	A unique in vivo approach for investigating antimicrobial materials utilizing fistulated animals. <i>Scientific Reports</i> , 2015, 5, 11515.	1.6	12
16	Hybrid Surface and Bulk Resonant Acoustics for Concurrent Actuation and Sensing on a Single Microfluidic Device. <i>Analytical Chemistry</i> , 2018, 90, 5335-5342.	3.2	9
17	Atomic Force Microscopy Adhesion Mapping: Revealing Assembly Process in Inorganic Systems. <i>Journal of Physical Chemistry C</i> , 2013, 117, 19984-19990.	1.5	8