

Victor Vega-Mayoral

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1737401/publications.pdf>

Version: 2024-02-01

24
papers

1,041
citations

566801

15
h-index

610482

24
g-index

26
all docs

26
docs citations

26
times ranked

2108
citing authors

#	ARTICLE	IF	CITATIONS
1	Covalent modification of franckeite with maleimides: connecting molecules and van der Waals heterostructures. <i>Nanoscale Horizons</i> , 2021, 6, 551-558.	4.1	14
2	Silica aerogels as hosting matrices for WS ₂ nanotubes and their optical characterization. <i>Journal of Materials Science</i> , 2020, 55, 7612-7623.	1.7	8
3	Liquid phase exfoliation of GeS nanosheets in ambient conditions for lithium ion battery applications. <i>2D Materials</i> , 2020, 7, 035015.	2.0	25
4	Whiskey-phase exfoliation: exfoliation and printing of nanosheets using Irish whiskey. <i>2D Materials</i> , 2019, 6, 045036.	2.0	27
5	Monolayer black phosphorus by sequential wet-chemical surface oxidation. <i>RSC Advances</i> , 2019, 9, 3570-3576.	1.7	28
6	Percolation Effects in Electrolytically Gated WS ₂ /Graphene Nano:Nano Composites. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8545-8555.	4.0	18
7	Solvent exfoliation stabilizes TiS ₂ nanosheets against oxidation, facilitating lithium storage applications. <i>Nanoscale</i> , 2019, 11, 6206-6216.	2.8	44
8	Liquid phase exfoliation of MoO ₂ nanosheets for lithium ion battery applications. <i>Nanoscale Advances</i> , 2019, 1, 1560-1570.	2.2	35
9	Ultrast nonequilibrium dynamics of strongly coupled resonances in the intrinsic cavity of $W_{1-x}S_x$ nanotubes. <i>Physical Review Research</i> , 2019, 1, ...	1.3	11
10	Electroconductive Biohybrid Collagen/Pristine Graphene Composite Biomaterials with Enhanced Biological Activity. <i>Advanced Materials</i> , 2018, 30, e1706442.	11.1	81
11	Preparation of air-stable expandable MoS ₂ and rapid expansion by low temperature heating and electron beam irradiation. <i>Materials Letters</i> , 2018, 218, 229-232.	1.3	1
12	Liquid Exfoliated Co(OH) ₂ Nanosheets as Low-Cost, Yet High-Performance, Catalysts for the Oxygen Evolution Reaction. <i>Advanced Energy Materials</i> , 2018, 8, 1702965.	10.2	92
13	Charge trapping and coalescence dynamics in few layer MoS ₂ . <i>2D Materials</i> , 2018, 5, 015011.	2.0	20
14	The Effect of Network Formation on the Mechanical Properties of 1D:2D Nano:Nano Composites. <i>Chemistry of Materials</i> , 2018, 30, 5245-5255.	3.2	33
15	Optimising composite viscosity leads to high sensitivity electromechanical sensors. <i>2D Materials</i> , 2018, 5, 035042.	2.0	16
16	Quantifying the Role of Nanotubes in Nano:Nano Composite Supercapacitor Electrodes. <i>Advanced Energy Materials</i> , 2018, 8, 1702364.	10.2	33
17	Unconventional electroabsorption in monolayer MoS ₂ . <i>2D Materials</i> , 2017, 4, 021005.	2.0	19
18	Tuneable photoconductivity and mobility enhancement in printed MoS ₂ /graphene composites. <i>2D Materials</i> , 2017, 4, 041006.	2.0	13

#	ARTICLE	IF	CITATIONS
19	Field-induced charge separation dynamics in monolayer MoS ₂ . 2D Materials, 2017, 4, 035017.	2.0	6
20	Photoluminescence from Liquid-Exfoliated WS ₂ Monomers in Poly(Vinyl Alcohol) Polymer Composites. Advanced Functional Materials, 2016, 26, 1028-1039.	7.8	73
21	Revealing the nature of excitons in liquid exfoliated monolayer tungsten disulphide. Nanotechnology, 2016, 27, 425701.	1.3	13
22	Exciton and charge carrier dynamics in few-layer WS ₂ . Nanoscale, 2016, 8, 5428-5434.	2.8	61
23	Production of Highly Monolayer Enriched Dispersions of Liquid-Exfoliated Nanosheets by Liquid Cascade Centrifugation. ACS Nano, 2016, 10, 1589-1601.	7.3	365
24	Femtosecond spectroscopy on MoS ₂ flakes from liquid exfoliation: surfactant independent exciton dynamics. Journal of Nanophotonics, 2015, 10, 012508.	0.4	5