

Erik Pollmann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4292231/publications.pdf>

Version: 2024-02-01

16
papers

339
citations

1040056

9
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

458
citing authors

#	ARTICLE	IF	CITATIONS
1	Cover Feature: Structural Insights into Hysteretic Spinâ€Crossover in a Set of Journal, 2022, 28, .	3.3	1
2	Structural Insights into Hysteretic Spinâ€Crossover in a Set of	3.3	15
3	Dynamic growth/etching model for the synthesis of two-dimensional transition metal dichalcogenides via chemical vapour deposition. 2D Materials, 2022, 9, 035001.	4.4	7
4	Laserâ€and Ionâ€Induced Defect Engineering in WS 2 Monolayers. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2000466.	2.4	6
5	Towards field-effect controlled graphene-enhanced Raman spectroscopy of cobalt octaethylporphyrin molecules. Nanotechnology, 2021, 32, 205702.	2.6	1
6	Large-Area, Two-Dimensional MoS₂ Exfoliated on Gold: Direct Experimental Access to the Metalâ€Semiconductor Interface. ACS Omega, 2021, 6, 15929-15939.	3.5	28
7	Gateâ€Controlled Field Emission Current from MoS₂ Nanosheets. Advanced Electronic Materials, 2021, 7, 2000838.	5.1	37
8	Electron Irradiation of Metal Contacts in Monolayer MoS₂ Field-Effect Transistors. ACS Applied Materials & Interfaces, 2020, 12, 40532-40540.	8.0	44
9	A swift technique to hydrophobize graphene and increase its mechanical stability and charge carrier density. Npj 2D Materials and Applications, 2020, 4, .	7.9	3
10	Molybdenum Disulfide Nanoflakes Grown by Chemical Vapor Deposition on Graphite: Nucleation, Orientation, and Charge Transfer. Journal of Physical Chemistry C, 2020, 124, 2689-2697.	3.1	9
11	Apparent differences between single layer molybdenum disulphide fabricated via chemical vapour deposition and exfoliation. Nanotechnology, 2020, 31, 505604.	2.6	23
12	The effect of elevated temperatures on excitonic emission and degradation processes of WS₂ monolayers. Physical Chemistry Chemical Physics, 2020, 22, 22609-22616.	2.8	2
13	Gas dependent hysteresis in MoS ₂ field effect transistors. 2D Materials, 2019, 6, 045049.	4.4	79
14	Perforating Freestanding Molybdenum Disulfide Monolayers with Highly Charged Ions. Journal of Physical Chemistry Letters, 2019, 10, 904-910.	4.6	42
15	Highly active single-layer MoS₂ catalysts synthesized by swift heavy ion irradiation. Nanoscale, 2018, 10, 22908-22916.	5.6	39
16	Ion-mediated growth of ultra thin molybdenum disulfide layers on highly oriented pyrolytic graphite. Surface and Coatings Technology, 2018, 349, 783-786.	4.8	3