Qingqing Ji

List of Publications by Citations

Source: https://exaly.com/author-pdf/251653/qingqing-ji-publications-by-citations.pdf
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57	4,302	31	63
papers	citations	h-index	g-index
63	4,949	16.3	5.12
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
57	Controlled growth of high-quality monolayer WS2 layers on sapphire and imaging its grain boundary. *ACS Nano*, **2013**, 7, 8963-71	16.7	586
56	Epitaxial monolayer MoS2 on mica with novel photoluminescence. *Nano Letters*, **2013**, 13, 3870-7	11.5	456
55	Controllable growth and transfer of monolayer MoS2 on Au foils and its potential application in hydrogen evolution reaction. *ACS Nano*, **2014**, 8, 10196-204	16.7	351
54	Chemical vapour deposition of group-VIB metal dichalcogenide monolayers: engineered substrates from amorphous to single crystalline. *Chemical Society Reviews*, **2015**, 44, 2587-602	58.5	271
53	Temperature-triggered chemical switching growth of in-plane and vertically stacked graphene-boron nitride heterostructures. *Nature Communications*, **2015**, 6, 6835	17.4	169
52	Defect-like structures of graphene on copper foils for strain relief investigated by high-resolution scanning tunneling microscopy. *ACS Nano*, **2011**, 5, 4014-22	16.7	165
51	Metallic Vanadium Disulfide Nanosheets as a Platform Material for Multifunctional Electrode Applications. *Nano Letters*, **2017**, 17, 4908-4916	11.5	155
50	Temperature-Mediated Selective Growth of MoS /WS and WS /MoS Vertical Stacks on Au Foils for Direct Photocatalytic Applications. *Advanced Materials*, **2016**, 28, 10664-10672	24	142
49	Dendritic, transferable, strictly monolayer MoS2 flakes synthesized on SrTiO3 single crystals for efficient electrocatalytic applications. *ACS Nano*, **2014**, 8, 8617-24	16.7	140
48	Van der Waals Epitaxial Growth of 2D Metallic Vanadium Diselenide Single Crystals and their Extra-High Electrical Conductivity. *Advanced Materials*, **2017**, 29, 1702359	24	135
47	Unravelling orientation distribution and merging behavior of monolayer MoS2 domains on sapphire. *Nano Letters*, **2015**, 15, 198-205	11.5	110
46	Kinetic Nature of Grain Boundary Formation in As-Grown MoS2 Monolayers. *Advanced Materials*, **2015**, 27, 4069-74	24	110
45	All Chemical Vapor Deposition Synthesis and Intrinsic Bandgap Observation of MoS2 /Graphene Heterostructures. *Advanced Materials*, **2015**, 27, 7086-92	24	100
44	Direct low-temperature synthesis of graphene on various glasses by plasma-enhanced chemical vapor deposition for versatile, cost-effective electrodes. *Nano Research*, **2015**, 8, 3496-3504	10	98
43	Substrate Facet Effect on the Growth of Monolayer MoS2 on Au Foils. *ACS Nano*, **2015**, 9, 4017-25	16.7	78
42	Chemical vapor deposition of monolayer WS2 nanosheets on Au foils toward direct application in hydrogen evolution. *Nano Research*, **2015**, 8, 2881-2890	10	75
41	A universal etching-free transfer of MoS2 films for applications in photodetectors. *Nano Research*, **2015**, 8, 3662-3672	10	72

40	Growing three-dimensional biomorphic graphene powders using naturally abundant diatomite templates towards high solution processability. *Nature Communications*, **2016**, 7, 13440	17.4	71
39	Recent progress in the tailored growth of two-dimensional hexagonal boron nitride via chemical vapour deposition. *Chemical Society Reviews*, **2018**, 47, 4242-4257	58.5	70
38	Direct Chemical Vapor Deposition Growth and Band-Gap Characterization of MoS/h-BN van der Waals Heterostructures on Au Foils. *ACS Nano*, **2017**, 11, 4328-4336	16.7	66
37	Synthetic Lateral Metal-Semiconductor Heterostructures of Transition Metal Disulfides. *Journal of the American Chemical Society*, **2018**, 140, 12354-12358	16.4	60
36	Monolayer MoS2 Growth on Au Foils and On-Site Domain Boundary Imaging. *Advanced Functional Materials*, **2015**, 25, 842-849	15.6	59
35	Thinning segregated graphene layers on high carbon solubility substrates of rhodium foils by tuning the quenching process. *ACS Nano*, **2012**, 6, 10581-9	16.7	57
34	Monolayer MoS2 Dendrites on a Symmetry-Disparate SrTiO3 (001) Substrate: Formation Mechanism and Interface Interaction. *Advanced Functional Materials*, **2016**, 26, 3299-3305	15.6	44
33	Morphological Engineering of CVD-Grown Transition Metal Dichalcogenides for Efficient Electrochemical Hydrogen Evolution. *Advanced Materials*, **2016**, 28, 6207-12	24	43
32	Growing highly pure semiconducting carbon nanotubes by electrotwisting the helicity. *Nature Catalysis*, **2018**, 1, 326-331	36.5	42
31	Multifunctional PVDF/CNT/GO mixed matrix membranes for ultrafiltration and fouling detection. *Journal of Hazardous Materials*, **2020**, 384, 120978	12.8	41
30	Tuning the photo-response in monolayer MoS2 by plasmonic nano-antenna. *Scientific Reports*, **2016**, 6, 23626	4.9	35
29	Recent Advances in Controlling Syntheses and Energy Related Applications of MX2 and MX2/Graphene Heterostructures. *Advanced Energy Materials*, **2016**, 6, 1600459	21.8	35
28	Clean transfer of graphene on Pt foils mediated by a carbon monoxide intercalation process. *Nano Research*, **2013**, 6, 671-678	10	33
27	Physical properties and potential applications of two-dimensional metallic transition metal dichalcogenides. *Coordination Chemistry Reviews*, **2018**, 376, 1-19	23.2	31
26	Anomalous Hall effect and magnetic orderings in nanothick V5S8. *Physical Review B*, **2017**, 96,	3.3	28
25	Periodic Modulation of the Doping Level in Striped MoS Superstructures. *ACS Nano*, **2016**, 10, 3461-8	16.7	26
24	Tuning Excitonic Properties of Monolayer MoS with Microsphere Cavity by High-Throughput Chemical Vapor Deposition Method. *Small*, **2017**, 13, 1701694	11	26
23	Additive manufacturing of patterned 2D semiconductor through recyclable masked growth. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 3437-3442	11.5	25

22	Enhancement of van der Waals Interlayer Coupling through Polar Janus MoSSe. *Journal of the American Chemical Society*, **2020**, 142, 17499-17507	16.4	23
21	Narrow-Gap Quantum Wires Arising from the Edges of Monolayer MoS2 Synthesized on Graphene. *Advanced Materials Interfaces*, **2016**, 3, 1600332	4.6	23
20	Mn atomic layers under inert covers of graphene and hexagonal boron nitride prepared on Rh(111). *Nano Research*, **2013**, 6, 887-896	10	21
19	Bioinspired synthesis of CVD graphene flakes and graphene-supported molybdenum sulfide catalysts for hydrogen evolution reaction. *Nano Research*, **2016**, 9, 249-259	10	20
18	Single and polycrystalline graphene on Rh(111) following different growth mechanisms. *Small*, **2013**, 9, 1360-6	11	20
17	Substrate effect on the growth of monolayer dendritic MoS 2 on LaAlO 3 (100) and its electrocatalytic applications. *2D Materials*, **2016**, 3, 035001	5.9	20
16	Uniform single-layer graphene growth on recyclable tungsten foils. *Nano Research*, **2015**, 8, 592-599	10	18
15	Vanadium Diselenide Single Crystals: Van der Waals Epitaxial Growth of 2D Metallic Vanadium Diselenide Single Crystals and their Extra-High Electrical Conductivity (Adv. Mater. 37/2017). *Advanced Materials*, **2017**, 29,	24	16
14	An ultrafast terahertz probe of the transient evolution of the charged and neutral phase of photo-excited electron-hole gas in a monolayer semiconductor. *2D Materials*, **2016**, 3, 014001	5.9	16
13	High-quality monolayer graphene synthesis on Pd foils via the suppression of multilayer growth at grain boundaries. *Small*, **2014**, 10, 4003-11	11	16
12	Modulating the Electronic Properties of Monolayer Graphene Using a Periodic Quasi-One-Dimensional Potential Generated by Hex-Reconstructed Au(001). *ACS Nano*, **2016**, 10, 7550-7	16.7	16
11	Crumpled graphene prepared by a simple ultrasonic pyrolysis method for fast photodetection. *Carbon*, **2018**, 128, 117-124	10.4	16
10	In Situ-Generated Volatile Precursor for CVD Growth of a Semimetallic 2D Dichalcogenide. *ACS Applied Materials & Interfaces*, **2018**, 10, 34401-34408	9.5	15
9	Transformation of monolayer MoS2 into multiphasic MoTe2: Chalcogen atom-exchange synthesis route. *Nano Research*, **2017**, 10, 2761-2771	10	11
8	Chirality-Dependent Second Harmonic Generation of MoS Nanoscroll with Enhanced Efficiency. *ACS Nano*, **2020**, 14, 13333-13342	16.7	11
7	Direct Observation of Symmetry-Dependent Electron-Phonon Coupling in Black Phosphorus. *Journal of the American Chemical Society*, **2019**, 141, 18994-19001	16.4	10
6	Designing artificial two-dimensional landscapes via atomic-layer substitution. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	9
5	Molybdenum Disulfide: Kinetic Nature of Grain Boundary Formation in As-Grown MoS2 Monolayers (Adv. Mater. 27/2015). *Advanced Materials*, **2015**, 27, 3974-3974	24	4

List of Publications

4	Graphene: Single and Polycrystalline Graphene on Rh(111) Following Different Growth Mechanisms (Small 8/2013). *Small*, **2013**, 9, 1359-1359	11	3
3	Monolayer Films: Monolayer MoS2 Growth on Au Foils and On-Site Domain Boundary Imaging (Adv. Funct. Mater. 6/2015). *Advanced Functional Materials*, **2015**, 25, 826-826	15.6	2
2	Revealing the Brønsted-Evans-Polanyi relation in halide-activated fast MoS growth toward millimeter-sized 2D crystals. *Science Advances*, **2021**, 7, eabj3274	14.3	1
1	Transition Metal Dichalcogenides: Morphological Engineering of CVD-Grown Transition Metal Dichalcogenides for Efficient Electrochemical Hydrogen Evolution (Adv. Mater. 29/2016). *Advanced Materials*, **2016**, 28, 6020	24	1