

# Gergely Dobrik

## List of Publications by Year in descending order

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13  
papers

1,619  
citations

933447

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1125743

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docs citations

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times ranked

3479  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust quantum point contact operation of narrow graphene constrictions patterned by AFM cleavage lithography. Npj 2D Materials and Applications, 2020, 4, .	7.9	10
2	Ultra-flat twisted superlattices in 2D heterostructures. Npj Computational Materials, 2020, 6, .	8.7	2
3	Transition Metal Chalcogenide Single Layers as an Active Platform for Single-Atom Catalysis. ACS Energy Letters, 2019, 4, 1947-1953.	17.4	43
4	Moderate strain induced indirect bandgap and conduction electrons in MoS2 single layers. Npj 2D Materials and Applications, 2019, 3, .	7.9	45
5	Influence of Native Defects on the Electronic and Magnetic Properties of CVD Grown MoSe <sub>2</sub> Single Layers. Journal of Physical Chemistry C, 2019, 123, 24855-24864.	3.1	22
6	Spontaneous doping of the basal plane of MoS2 single layers through oxygen substitution under ambient conditions. Nature Chemistry, 2018, 10, 1246-1251.	13.6	295
7	Highly wear-resistant and low-friction Si3N4 composites by addition of graphene nanoplatelets approaching the 2D limit. Scientific Reports, 2017, 7, 10087.	3.3	33
8	STM study of the MoS2 flakes grown on graphite: A model system for atomically clean 2D heterostructure interfaces. Carbon, 2016, 105, 408-415.	10.3	29
9	Exfoliation of large-area transition metal chalcogenide single layers. Scientific Reports, 2015, 5, 14714.	3.3	232
10	Dominantly epitaxial growth of graphene on Ni (1 1 1) substrate. Applied Surface Science, 2014, 314, 490-499.	6.1	27
11	Growth of Ni layers on single crystal sapphire substrates. Thin Solid Films, 2013, 539, 96-101.	1.8	10
12	Nanometer wide ribbons and triangles by STM lithography of graphene. Nanopages, 2012, 7, 1-7.	0.2	1
13	Tailoring the atomic structure of graphene nanoribbons by scanning tunnelling microscope lithography. Nature Nanotechnology, 2008, 3, 397-401.	31.5	870