

# Gergely Dobrik

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11365053/publications.pdf>

Version: 2024-02-01

13  
papers

1,619  
citations

933447

10  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

3479  
citing authors

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