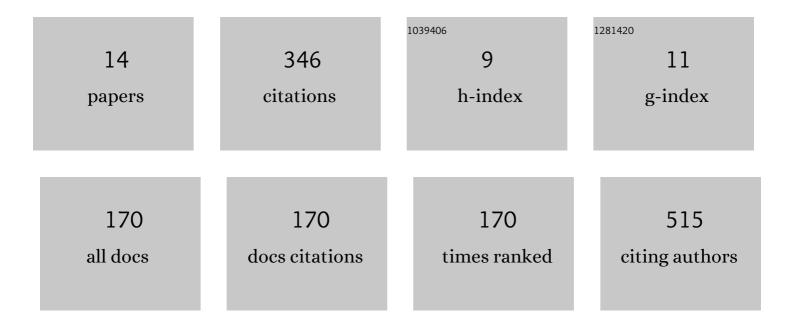
## Alexander N Chaika

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8717984/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Continuous wafer-scale graphene on cubic-SiC(001). Nano Research, 2013, 6, 562-570.	5.8	31
2	Graphene on cubic-SiC. Progress in Materials Science, 2017, 89, 1-30.	16.0	30
3	Large positive in-plane magnetoresistance induced by localized states at nanodomain boundaries in graphene. Nature Communications, 2017, 8, 14453.	5.8	27
4	Transport Gap Opening and High On–Off Current Ratio in Trilayer Graphene with Self-Aligned Nanodomain Boundaries. ACS Nano, 2015, 9, 8967-8975.	7.3	21
5	Step bunching with both directions of the current: Vicinal W(110) surfaces versus atomistic-scale model. Physical Review B, 2018, 97, .	1.1	15
6	Atomic and Electronic Structure of a Multidomain GeTe Crystal. ACS Nano, 2020, 14, 16576-16589.	7.3	15
7	Rotated domain network in graphene on cubic-SiC(001). Nanotechnology, 2014, 25, 135605.	1.3	14
8	Layer-by-Layer Graphene Growth on β-SiC/Si(001). ACS Nano, 2019, 13, 526-535.	7.3	14
9	Writing with atoms: Oxygen adatoms on the MoO2/Mo(110) surface. Nano Research, 2013, 6, 929-937.	5.8	13
10	A photochemical approach for a fast and self-limited covalent modification of surface supported graphene with photoactive dyes. Nanotechnology, 2018, 29, 275705.	1.3	6
11	Surface functionalization of few-layer graphene on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e120" altimg="si50.svg"&gt;<mml:mi>β</mml:mi>-SiC(001) by Neutral Red dye. Applied Surface Science, 2022, 585, 152542.</mml:math 	3.1	4
12	High Resolution STM Imaging. , 2015, , 561-619.		1
13	Electron Orbital Contribution in Distanceâ€Đependent STM Experiments. , 0, , .		1

14 Controllable Synthesis of Few-Layer Graphene on  $\hat{l}^2$ -SiC(001). , 0, , .

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