

# Alexander N Chaika

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8717984/publications.pdf>

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14  
papers

346  
citations

1039406

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1281420

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170  
all docs

170  
docs citations

170  
times ranked

515  
citing authors

#	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 $\beta$ -SiC/Si(001). ACS Nano, 2019, 13, 526-535.	7.3	14
9	Writing with atoms: Oxygen adatoms on the MoO <sub>2</sub> /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 $\beta$ -SiC(001) by Neutral Red dye. Applied Surface Science, 2022, 585, 152542.	3.1	4
12	High Resolution STM Imaging. , 2015, , 561-619.		1
13	Electron Orbital Contribution in Distance-Dependent STM Experiments. , 0, , .		1
14	Controllable Synthesis of Few-Layer Graphene on $\beta$ -SiC(001). , 0, , .		0