

# Sviatoslav Kovalchuk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4701895/publications.pdf>

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1684188  
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61  
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#	ARTICLE	IF	CITATIONS
1	Non-Uniform Strain Engineering of 2D Materials. Israel Journal of Chemistry, 2022, 62, .	2.3	6
2	Tunable Graphene Phononic Crystal. Nano Letters, 2021, 21, 2174-2182.	9.1	24
3	The patterning toolbox FIB-o-mat: Exploiting the full potential of focused helium ions for nanofabrication. Beilstein Journal of Nanotechnology, 2021, 12, 304-318.	2.8	13
4	Spin/Valley Coupled Dynamics of Electrons and Holes at the MoS <sub>2</sub> –MoSe <sub>2</sub> Interface. Nano Letters, 2021, 21, 7123-7130.	9.1	18
5	In situ functionalization of graphene. 2D Materials, 2021, 8, 015022.	4.4	5
6	Neutral and charged excitons interplay in non-uniformly strain-engineered WS <sub>2</sub> . 2D Materials, 2020, 7, 035024.	4.4	9
7	Extrinsic Localized Excitons in Patterned 2D Semiconductors. Advanced Functional Materials, 0, , 2203060.	14.9	8