

# Vladislav Kamysbayev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5109341/publications.pdf>

Version: 2024-02-01

9  
papers

1,276  
citations

1039406

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1473754

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g-index

9  
all docs

9  
docs citations

9  
times ranked

1811  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic lattice distortions driven by surface trapping in semiconductor nanocrystals. Nature Communications, 2021, 12, 1860.	5.8	19
2	Nonequilibrium Thermodynamics of Colloidal Gold Nanocrystals Monitored by Ultrafast Electron Diffraction and Optical Scattering Microscopy. ACS Nano, 2020, 14, 4792-4804.	7.3	20
3	Covalent surface modifications and superconductivity of two-dimensional metal carbide MXenes. Science, 2020, 369, 979-983.	6.0	870
4	Quantum dot solids showing state-resolved band-like transport. Nature Materials, 2020, 19, 323-329.	13.3	136
5	Colloidal Gelation in Liquid Metals Enables Functional Nanocomposites of 2D Metal Carbides (MXenes) and Lightweight Metals. ACS Nano, 2019, 13, 12415-12424.	7.3	41
6	Nanocrystals in Molten Salts and Ionic Liquids: Experimental Observation of Ionic Correlations Extending beyond the Debye Length. ACS Nano, 2019, 13, 5760-5770.	7.3	48
7	Monodisperse InAs Quantum Dots from Aminoarsine Precursors: Understanding the Role of Reducing Agent. Chemistry of Materials, 2018, 30, 3623-3627.	3.2	48
8	Colloidal Chemistry in Molten Salts: Synthesis of Luminescent In <sub>x</sub> Ga <sub>x</sub> P and In <sub>x</sub> Ga <sub>x</sub> As Quantum Dots. Journal of the American Chemical Society, 2018, 140, 12144-12151.	6.6	60
9	Understanding and Curing Structural Defects in Colloidal GaAs Nanocrystals. Nano Letters, 2017, 17, 2094-2101.	4.5	34