

Vladislav Kamysbayev

List of Publications by Year in descending order

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9
papers

1,276
citations

1039406

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1473754

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docs citations

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times ranked

1811
citing authors

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