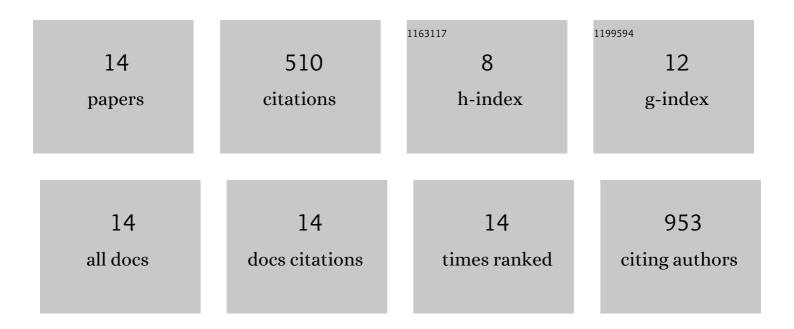
## Zhaslan Baraissov

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3362284/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Aberration Corrector Tuning with Machine-Learning-Based Emittance Measurements and Bayesian Optimization. Microscopy and Microanalysis, 2021, 27, 810-812.	0.4	7
2	Nanoscale Elastocapillary Effect Induced by Thin-Liquid-Film Instability. Journal of Physical Chemistry Letters, 2020, 11, 2751-2758.	4.6	13
3	Phase Selection in Self-catalyzed GaAs Nanowires. Nano Letters, 2020, 20, 1669-1675.	9.1	83
4	Realâ€Time Imaging of Nanoscale Redox Reactions over Bimetallic Nanoparticles. Advanced Functional Materials, 2019, 29, 1903242.	14.9	36
5	Interface-mediated Kirkendall effect and nanoscale void migration in bimetallic nanoparticles during interdiffusion. Nature Communications, 2019, 10, 2831.	12.8	42
6	Growth Dynamics of Gallium Nanodroplets Driven by Thermally Activated Surface Diffusion. Journal of Physical Chemistry Letters, 2019, 10, 5082-5089.	4.6	3
7	Intermediate Structures of Pt–Ni Nanoparticles during Selective Chemical and Electrochemical Etching. Journal of Physical Chemistry Letters, 2019, 10, 6090-6096.	4.6	25
8	Selective Wet Etching of Silicon Germanium in Composite Vertical Nanowires. ACS Applied Materials & Interfaces, 2019, 11, 36839-36846.	8.0	24
9	Growth Dynamics of Ga Nanodroplets on 2D Substrate. Microscopy and Microanalysis, 2018, 24, 264-265.	0.4	0
10	Direct Visualization of Solution-based Nanofabrication Processes with In Situ TEM: Chemical Wet-etching and Solution-based Cleaning/Drying of High-Aspect-Ratio Nanostructures. Microscopy and Microanalysis, 2018, 24, 276-277.	0.4	0
11	Dynamics of Templated Assembly of Nanoparticle Filaments within Nanochannels. Advanced Materials, 2017, 29, 1702682.	21.0	24
12	Direct observation of the nanoscale Kirkendall effect during galvanic replacement reactions. Nature Communications, 2017, 8, 1224.	12.8	175
13	Hopping Diffusion of Gold Nanoparticles Observed with Liquid Cell TEM. Microscopy and Microanalysis, 2016, 22, 750-751.	0.4	3
14	Desorption-Mediated Motion of Nanoparticles at the Liquid–Solid Interface. Journal of Physical Chemistry C, 2016, 120, 20462-20470.	3.1	75