Kurbangali Tynyshtykbayev

List of Publications by Year
in descending order

23 papers	133 citations	1684188 5 h-index	1281871 11 g-index
24 all docs	24 docs citations	24 times ranked	142 citing authors

#	Article	IF	Citations
1	Water droplet motion under the influence of Surface Acoustic Waves (SAW). Journal of Physics Communications, 2021, 5, 035009.	1.2	3
2	Porous Silicon Skeleton as Catalysts for Hydrocarbon Decomposition at Low Temperature Synthesis of Graphene Nanocomposites. ECS Journal of Solid State Science and Technology, 2021, 10, 013009.	1.8	1
3	Highly effective anti-corona coatings on aluminium wires by surface modification. Journal Physics D: Applied Physics, 2020, 53, 015503.	2.8	8
4	Modeling and Comparison with Experiment of SAW Induced Water Droplet Motion. Journal of Physics: Conference Series, 2020, 1696, 012036.	0.4	2
5	Energy of low-temperature synthesis of graphen-like carbon nanocomposites on porous silicon (Review). Journal of Physics: Conference Series, 2020, 1696, 012025.	0.4	0
6	Features of pulsed photon annealing of graphene oxide membranes for water desalination. Materials Research Express, 2019, 6, 125633.	1.6	0
7	Low temperature synthesis of graphene nanocomposites using surface passivation of porous silicon nanocrystallites with carbon atoms. Diamond and Related Materials, 2019, 92, 53-60.	3.9	5
8	Reducing Power Losses in Corona Discharge under Rainfall Conditions. Technical Physics Letters, 2018, 44, 545-547.	0.7	2
9	Atomic layer deposition for TiO2 and TiN nanometer films. Materials Today: Proceedings, 2017, 4, 11630-11639.	1.8	4
10	SEM imaging of acoustically stimulated charge transport in solids. Applied Physics Letters, 2017, 110, 264103.	3.3	3
11	High efficiency photoelectrodes based on porous silicon. Russian Microelectronics, 2016, 45, 603-612.	0.5	3
12	Acoustic-Electric Properties of Graphene under the Influence of a Surface Acoustic Waves and an External DC Field. MRS Advances, 2016, 1, 1495-1500.	0.9	1
13	Boundary processes in the electrolyteâ€“silicon interface area during the self-organization of the mosaic structure of 3D islets of porous silicon nanocrystallites in the long-term anode etching of p-Si (100) in electrolyte with an internal current source. Russian Microelectronics, 2015, 44, 559-563.	0.5	0
14	Surface acoustic wave amplification by direct current-voltage supplied to graphene film. Applied Physics Letters, 2015, 106, .	3.3	44
15	Surface acoustic wave propagation in graphene film. Journal of Applied Physics, 2015, 118, .	2.5	26
16	ACOUSTOELECTRIC PROPERTIES OF GRAPHENE UNDER THE INFLUENCE OF SAW AND EXTERNAL ELECTRIC FIELD. Radioelektronika, Nanosistemy, Informacionnye Tehnologii, 2015, 7, 153-161.	0.1	0
17	On the nature of cracks using single-crystalline silicon subjected to anodic etching as an example. Semiconductors, 2014, 48, 1088-1093.	0.5	1
18	Self-Organizing Processes in Semiconductor Materials Science on the Example of Nanostructuring of por-Si. Materials Sciences and Applications, 2013, 04, 1-11.	0.4	2

#	Article	IF	Citations
19	Photoluminescence of Por-Si with High-ordered Mosaic Structure Received at Long Anodic Etching p-Si (100) in the Electrolyte with an Internal Current Source. Optics and Photonics Journal, 2013, 03, 217-221.	0.4	3
20	Dynamics of formation of the mosaic structure of porous silicon during prolonged anodic etching in electrolytes with an internal current source. Physics of the Solid State, 2011, 53, 1575-1580.	0.6	7
21	Morphology of porous silicon under long anodic etching in electrolyte with internal current source. Technical Physics Letters, 2010, 36, 538-540.	0.7	7
22	Direct carbothermal receiving of solar grade silicon. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 134, 296-302.	3.5	9
23	The photoacoustoelectric effect of the SAW amplification in the structure of Graphene-Piezocrystal LiNbO3. Nano Express, 0, , .	2.4	2