

Ahmet K Saymbetov

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

192
citations

1683354

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g-index

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all docs

20
docs citations

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times ranked

69
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized Single-Axis Schedule Solar Tracker in Different Weather Conditions. <i>Energies</i> , 2020, 13, 5226.	1.6	44
2	Prediction of energy consumption for LoRa based wireless sensors network. <i>Wireless Networks</i> , 2020, 26, 3507-3520.	2.0	27
3	Intelligent autonomous street lighting system based on weather forecast using LSTM. <i>Energy</i> , 2021, 231, 120902.	4.5	22
4	An Automated Intelligent Solar Tracking Control System With Adaptive Algorithm for Different Weather Conditions. , 2019, , .		20
5	Method for Increasing the Efficiency of a Biaxial Solar Tracker with Exact Solar Orientation. <i>Applied Solar Energy (English Translation of Geliotekhnika)</i> , 2018, 54, 126-130.	0.2	19
6	Dual-axis schedule tracker with an adaptive algorithm for a strong scattering of sunbeam. <i>Solar Energy</i> , 2021, 224, 285-297.	2.9	19
7	Intelligent energy efficient street lighting system with predictive energy consumption. , 2019, , .		9
8	Intelligent Energy Efficient Wireless Communication System for Street Lighting. , 2018, , .		8
9	Developing Si(Li) nuclear radiation detectors by pulsed electric field treatment. <i>Technical Physics Letters</i> , 2009, 35, 768-769.	0.2	5
10	Physical Features of Double Sided Diffusion of Lithium into Silicon for Large Size Detectors. <i>Journal of Nano- and Electronic Physics</i> , 2019, 11, 02031-1-02031-4.	0.2	5
11	Silicon-lithium telescopic detector in one crystal. <i>Atomic Energy</i> , 2009, 106, 141-142.	0.1	4
12	Double Sided Diffusion and Drift of Lithium Ions on Large Volume Silicon Detector Structure. <i>Journal of Semiconductor Technology and Science</i> , 2017, 17, 591-596.	0.1	4
13	Special features of formation of high-performance semiconductor detectors based on $\hat{I}\pm\text{Si-Si(Li)}$ heterostructures. <i>Instruments and Experimental Techniques</i> , 2013, 56, 32-33.	0.1	3
14	Physical Processes during the Formation of Silicon-Lithium p-i-n Structures Using Double-Sided Diffusion and Drift Methods. <i>Materials</i> , 2021, 14, 5174.	1.3	3
15	DEVELOPMENT OF AN AUTOMATED PHOTOVOLTAIC SYSTEM WITH WIRELESS MONITORING. <i>News of the National Academy of Sciences of the Republic of Kazakhstan</i> , 2021, 335, 90-96.	0.0	0
16	DEVELOPMENT OF AN AUTOMATED PHOTOVOLTAIC SYSTEM WITH WIRELESS MONITORING. <i>News of the National Academy of Sciences of the Republic of Kazakhstan</i> , 2021, 335, 90-96.	0.0	0
17	PREDICTING THE LIFETIME OF LORA BASED WIRELESS SENSOR NETWORKS USING A PROBABILISTIC MODEL OF MARKOV CHAINS. <i>News of the National Academy of Sciences of the Republic of Kazakhstan</i> , 2021, 2, 157-164.	0.0	0
18	Design of autonomous mobile PV system for remote regions. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	FEATURES OF FORMATION OF THE CURRICULUM ON A SPECIALTY "RADIO ENGINEERING, ELECTRONICS AND TELECOMMUNICATIONS". , 2016, , .		0
20	Application of Additional Leveling Drift Process to Improve the Electrophysical Parameters of Large Sized Si (Li) p-i-n Structures. Journal of Nano- and Electronic Physics, 2020, 12, 01006-1-01006-5.	0.2	0