

# Arailym Nurpeissova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7016536/publications.pdf>

Version: 2024-02-01

34  
papers

539  
citations

933447

10  
h-index

642732

23  
g-index

34  
all docs

34  
docs citations

34  
times ranked

628  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Piezoelectric PVDF Film by Electrospinning and Its Applications. <i>Sensors</i> , 2020, 20, 5214.	3.8	186
2	Effect of titanium addition as nickel oxide formation inhibitor in nickel-rich cathode material for lithium-ion batteries. <i>Journal of Power Sources</i> , 2015, 299, 425-433.	7.8	54
3	Morphology and Dimension Variations of Copper Sulfide for High-Performance Electrode in Rechargeable Batteries: A Review. <i>ACS Applied Energy Materials</i> , 2020, 3, 11480-11499.	5.1	46
4	Silicon thin film on graphene coated nickel foam as an anode for Li-ion batteries. <i>Electrochimica Acta</i> , 2017, 258, 800-806.	5.2	36
5	N-type Doped Silicon Thin Film on a Porous Cu Current Collector as the Negative Electrode for Li-ion Batteries. <i>ChemistryOpen</i> , 2018, 7, 92-96.	1.9	35
6	Rational Construction of Sulfur-Deficient NiCo <sub>2</sub> S <sub>4</sub> Hollow Microspheres as an Effective Polysulfide Immobilizer toward High-Performance Lithium/Sulfur Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 1687-1695.	5.1	34
7	Porous carbon nanotubes microspheres decorated with strong catalyst cobalt nanoparticles as an effective sulfur host for lithium-sulfur battery. <i>Journal of Alloys and Compounds</i> , 2021, 853, 157268.	5.5	32
8	Epicyanohydrin as an Interface Stabilizer Agent for Cathodes of Li-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2016, 163, A171-A177.	2.9	29
9	Synergistic effect of 3D current collector structure and Ni inactive matrix on the electrochemical performances of Sn-based anodes for lithium-ion batteries. <i>Materials Today Energy</i> , 2020, 16, 100397.	4.7	20
10	Understanding the effect of p-, n-type dopants and vinyl carbonate electrolyte additive on electrochemical performance of Si thin film anodes for lithium-ion battery. <i>Electrochimica Acta</i> , 2020, 330, 135179.	5.2	15
11	3D Hierarchical Nanocrystalline CuS Cathode for Lithium Batteries. <i>Materials</i> , 2021, 14, 1615.	2.9	9
12	Electrodeposited Ni-Sn intermetallic alloy electrode for 3D sulfur battery. <i>Materials Today: Proceedings</i> , 2017, 4, 4491-4495.	1.8	7
13	Three-dimensional Ni <sub>3</sub> Sn <sub>4</sub> Negative Electrodes for Lithium-Ion Batteries. <i>International Journal of Electrochemical Science</i> , 2018, 13, 7111-7120.	1.3	6
14	Three-Dimensionally Ordered Macroporous ZnO Framework as Dual-Functional Sulfur Host for High-Efficiency Lithium-Sulfur Batteries. <i>Nanomaterials</i> , 2020, 10, 2267.	4.1	6
15	Biomass-Derived Porous Carbon from Agar as an Anode Material for Lithium-Ion Batteries. <i>Nanomaterials</i> , 2022, 12, 22.	4.1	6
16	Facile Synthesis of Binder-Free Three-Dimensional Cu <sub>x</sub> S Nanoflowers for Lithium Batteries. <i>Frontiers in Energy Research</i> , 2020, 8, .	2.3	4
17	Electrochemical Study of Graphene Coated Nickel Foam as an Anode for Lithium-Ion Battery. <i>Eurasian Chemico-Technological Journal</i> , 2018, 20, 91.	0.6	4
18	N-type doped amorphous Si thin film on a surface of rough current collector as anode for Li-ion batteries. <i>Materials Today: Proceedings</i> , 2018, 5, 22759-22763.	1.8	3

#	ARTICLE	IF	CITATIONS
19	Spray-Pyrolysis Preparation of Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> /Si Composites for Lithium-Ion Batteries. Eurasian Chemico-Technological Journal, 2019, , 69.	0.6	2
20	3D intermetallic anodes for Lithium-ion batteries. Materials Today: Proceedings, 2018, 5, 22877-22881.	1.8	1
21	Onion-Structured Si Anode Constructed with Coating by Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> and Cyclized-Polyacrylonitrile for Lithium-Ion Batteries. Nanomaterials, 2020, 10, 1995.	4.1	1
22	High Performance Metal Sulfide Electrode for Lithium Battery. ECS Meeting Abstracts, 2020, MA2020-01, 300-300.	0.0	1
23	High Performance Metal Sulfide Electrode for Lithium Battery. ECS Meeting Abstracts, 2020, MA2020-02, 256-256.	0.0	1
24	Solid-State Nanobatteries. ACS Symposium Series, 0, , 201-248.	0.5	1
25	Wet synthesis route of Li <sub>1+x</sub> V <sub>1-x</sub> O <sub>2</sub> for lithium-ion batteries. Materials Today: Proceedings, 2020, 25, 48-51.	1.8	0
26	Development of Modified Silicon Nanoparticles for Energy Storage. ECS Meeting Abstracts, 2020, MA2020-01, 62-62.	0.0	0
27	Tailoring Electrolyte for Lithium-Ion Batteries Operating at Low Temperature. ECS Meeting Abstracts, 2021, MA2021-02, 1898-1898.	0.0	0
28	Fabrication of Freestanding Flexible Electrode Based on PEDOT:PSS Polymer Composite for Li- S Batteries. ECS Meeting Abstracts, 2021, MA2021-02, 1887-1887.	0.0	0
29	Preparation of Ni-Sn Alloy-Type Anode by Electrospinning. ECS Meeting Abstracts, 2021, MA2021-02, 309-309.	0.0	0
30	Electrochemical Properties of Sn and Cu Multilayered Thin Films for Li Ion Battery Anodes. ECS Meeting Abstracts, 2021, MA2021-02, 308-308.	0.0	0
31	Modified Silicon Nanoparticles As an Anode for Lithium-Ion Batteries. ECS Meeting Abstracts, 2020, MA2020-02, 118-118.	0.0	0
32	Bio-Derived Porous Carbon from Agar as an Anode Material for Lithium-Ion Batteries. ECS Meeting Abstracts, 2021, MA2021-02, 304-304.	0.0	0
33	Advanced Battery Materials Research at Nazarbayev University: Review. Eurasian Chemico-Technological Journal, 2021, 23, 199.	0.6	0
34	3D Sn-Based Anodes for Solid State Rechargeable Batteries. ECS Meeting Abstracts, 2020, MA2020-02, 944-944.	0.0	0