

# Selbi Nuryyeva

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8023263/publications.pdf>

Version: 2024-02-01

24  
papers

2,181  
citations

471509

17  
h-index

552781

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

3078  
citing authors

#	ARTICLE	IF	CITATIONS
1	Constructive molecular configurations for surface-defect passivation of perovskite photovoltaics. <i>Science</i> , 2019, 366, 1509-1513.	12.6	846
2	Surface Ligand Management for Stable FAPbI <sub>3</sub> Perovskite Quantum Dot Solar Cells. <i>Joule</i> , 2018, 2, 1866-1878.	24.0	187
3	Shallow Iodine Defects Accelerate the Degradation of $\delta$ -Phase Formamidinium Perovskite. <i>Joule</i> , 2020, 4, 2426-2442.	24.0	173
4	Crystalline Liquid-like Behavior: Surface-Induced Secondary Grain Growth of Photovoltaic Perovskite Thin Film. <i>Journal of the American Chemical Society</i> , 2019, 141, 13948-13953.	13.7	163
5	Steric Impediment of Ion Migration Contributes to Improved Operational Stability of Perovskite Solar Cells. <i>Advanced Materials</i> , 2020, 32, e1906995.	21.0	142
6	Multifunctional redox-tuned viologen-based covalent organic polymers. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15361-15369.	10.3	114
7	A Small Molecule Charge Driver enables Perovskite Quantum Dot Solar Cells with Efficiency Approaching 13%. <i>Advanced Materials</i> , 2019, 31, e1900111.	21.0	92
8	Solid-phase hetero epitaxial growth of $\delta$ -phase formamidinium perovskite. <i>Nature Communications</i> , 2020, 11, 5514.	12.8	71
9	Efficient Tandem Organic Photovoltaics with Tunable Rear Sub-cells. <i>Joule</i> , 2019, 3, 432-442.	24.0	65
10	Performance-limiting formation dynamics in mixed-halide perovskites. <i>Science Advances</i> , 2021, 7, eabj1799.	10.3	54
11	Intramolecular redox-induced dimerization in a viologen dendrimer. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2302.	5.5	40
12	Arylmethylamino steroids as antiparasitic agents. <i>Nature Communications</i> , 2017, 8, 14478.	12.8	36
13	Noncovalent $\pi$ -stacked robust topological organic framework. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20397-20403.	7.1	28
14	High Efficiency Non-fullerene Organic Tandem Photovoltaics Based on Ternary Blend Subcells. <i>Nano Letters</i> , 2018, 18, 7977-7984.	9.1	27
15	Radical Cation Dimerization Overwhelms Inclusion in [Pseudorotaxanes]. <i>Chemistry - A European Journal</i> , 2014, 20, 7334-7344.	3.3	26
16	Sungeidines from a Non-canonical Eneidyne Biosynthetic Pathway. <i>Journal of the American Chemical Society</i> , 2020, 142, 1673-1679.	13.7	24
17	Unraveling the surface state of photovoltaic perovskite thin film. <i>Matter</i> , 2021, 4, 2417-2428.	10.0	22
18	Microwave-assisted synthesis of a viologen-based covalent organic polymer with redox-tunable polarity for dye adsorption. <i>RSC Advances</i> , 2017, 7, 3594-3598.	3.6	18

#	ARTICLE	IF	CITATIONS
19	Chlorinated Spiroconjugated Fused Extended Aromatics for Multifunctional Organic Electronics. <i>Advanced Materials</i> , 2021, 33, 2006120.	21.0	15
20	Amentotaxins $\alpha$ , Structurally Diverse Diterpenoids from the Leaves and Twigs of the Vulnerable Conifer <i>Amentotaxus argotaenia</i> and Their Cytotoxic Effects. <i>Journal of Natural Products</i> , 2020, 83, 2129-2144.	3.0	11
21	Tuning the copper(II) coordination properties of cyclam by subtle chemical modifications. <i>Dalton Transactions</i> , 2017, 46, 11479-11490.	3.3	9
22	Photorearrangement of [8]-2,6-Pyridinophane <i>N</i> -Oxide. <i>Journal of the American Chemical Society</i> , 2020, 142, 20717-20724.	13.7	5
23	Understanding the Hardness of Doped WB4.2. <i>Journal of Physical Chemistry C</i> , 2021, 125, 9486-9496.	3.1	5
24	Wide-Bandgap Perovskite via Synergetic Surface Passivation and Its Application toward Efficient Stacked Tandem Photovoltaics. <i>Small</i> , 2022, 18, e2103887.	10.0	3