

# Meltem F Aygünler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2702305/publications.pdf>

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13  
papers

1,498  
citations

840776

11  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

3173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-dependent studies of exciton binding energy and phase-transition suppression in (Cs,FA,MA)Pb(I,Br) <sub>3</sub> perovskites. <i>APL Materials</i> , 2019, 7, .	5.1	73
2	Understanding the Role of Cesium and Rubidium Additives in Perovskite Solar Cells: Trap States, Charge Transport, and Recombination. <i>Advanced Energy Materials</i> , 2018, 8, 1703057.	19.5	184
3	Influence of Fermi Level Alignment with Tin Oxide on the Hysteresis of Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 11414-11419.	8.0	79
4	The Bandgap as a Moving Target: Reversible Bandgap Instabilities in Multiple-Cation Mixed-Halide Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2018, 3, 2995-3001.	17.4	24
5	Light-emitting electrochemical cells based on inorganic metal halide perovskite nanocrystals. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 334001.	2.8	32
6	Unveiling the Dynamic Processes in Hybrid Lead Bromide Perovskite Nanoparticle Thin Film Devices. <i>Advanced Energy Materials</i> , 2017, 7, 1602283.	19.5	47
7	Charge Transport Limitations in Perovskite Solar Cells: The Effect of Charge Extraction Layers. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 37655-37661.	8.0	30
8	Impact of Rubidium and Cesium Cations on the Moisture Stability of Multiple-Cation Mixed-Halide Perovskites. <i>ACS Energy Letters</i> , 2017, 2, 2212-2218.	17.4	167
9	Perovskite Nanoparticles: Unveiling the Dynamic Processes in Hybrid Lead Bromide Perovskite Nanoparticle Thin Film Devices ( <i>Adv. Energy Mater.</i> 15/2017). <i>Advanced Energy Materials</i> , 2017, 7, .	19.5	1
10	Highly Luminescent Cesium Lead Halide Perovskite Nanocrystals with Tunable Composition and Thickness by Ultrasonication. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13887-13892.	13.8	615
11	Starke Lumineszenz in Nanokristallen aus Caesiumbleihalogenid-Perowskit mit durchstimmbarer Zusammensetzung und Dicke mittels Ultraschalldispersion. <i>Angewandte Chemie</i> , 2016, 128, 14091-14096.	2.0	54
12	Light-Emitting Electrochemical Cells Based on Hybrid Lead Halide Perovskite Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 12047-12054.	3.1	187
13	Reversible Bandgap Instabilities in Multiple-Cation Mixed-Halide Perovskite Solar Cells. , 0, , .		0