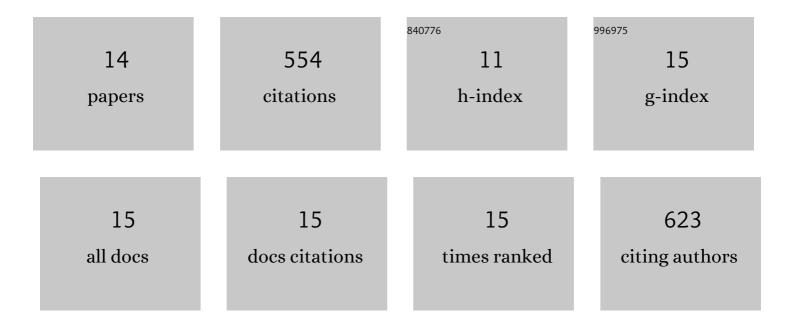
Jiaxue You

List of Publications by Year in descending order

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Ιμχμε Υομ

#	Article	IF	CITATIONS
1	Polarity regulation for stable 2D-perovskite-encapsulated high-efficiency 3D-perovskite solar cells. Nano Energy, 2022, 95, 106965.	16.0	27
2	Firstâ€Principles Calculation Design for 2D Perovskite to Suppress Ion Migration for Highâ€Performance Xâ€ray Detection. Advanced Functional Materials, 2022, 32, .	14.9	36
3	Superior photovoltaics/optoelectronics of two-dimensional halide perovskites. Journal of Energy Chemistry, 2021, 57, 69-82.	12.9	20
4	Deep‣evel Transient Spectroscopy for Effective Passivator Selection in Perovskite Solar Cells to Attain High Efficiency over 23%. ChemSusChem, 2021, 14, 3182-3189.	6.8	24
5	Fluoroethylamine Engineering for Effective Passivation to Attain 23.4% Efficiency Perovskite Solar Cells with Superior Stability. Advanced Energy Materials, 2021, 11, 2101454.	19.5	49
6	Cation Engineering for Effective Defect Passivation to Improve Efficiency and Stability of FA0.5MA0.5PbI3 Perovskite Solar Cells. ACS Applied Energy Materials, 2021, 4, 7654-7660.	5.1	3
7	Thermal regelation of single particles and particle clusters in ice. Soft Matter, 2021, 17, 1779-1787.	2.7	1
8	Inner Strain Regulation in Perovskite Single Crystals through Fine-Tuned Halide Composition. Crystal Growth and Design, 2021, 21, 1741-1750.	3.0	14
9	Nucleation-controlled growth of superior lead-free perovskite Cs3Bi2I9 single-crystals for high-performance X-ray detection. Nature Communications, 2020, 11, 2304.	12.8	286
10	Interactions between Nanoparticles and Polymers in the Diffusion Boundary Layer during Freezing Colloidal Suspensions. Langmuir, 2019, 35, 10446-10452.	3.5	5
11	Controls on microstructural features during solidification of colloidal suspensions. Acta Materialia, 2018, 157, 288-297.	7.9	17
12	Dynamic particle packing in freezing colloidal suspensions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 531, 93-98.	4.7	15
13	Interfacial undercooling in solidification of colloidal suspensions: analyses with quantitative measurements. Scientific Reports, 2016, 6, 28434.	3.3	28
14	<i>In situ</i> observation the interface undercooling of freezing colloidal suspensions with differential visualization method. Review of Scientific Instruments, 2015, 86, 084901.	1.3	21