

# Julia L Payne

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8772134/publications.pdf>

Version: 2024-02-01

12  
papers

177  
citations

1307594

7  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

344  
citing authors

#	ARTICLE	IF	CITATIONS
1	Charge carrier localised in zero-dimensional (CH <sub>3</sub> NH <sub>3</sub> ) <sub>3</sub> Bi <sub>2</sub> I <sub>9</sub> clusters. Nature Communications, 2017, 8, 170.	12.8	62
2	<i>In Situ</i> Thermal Battery Discharge using NiS <sub>2</sub> as a Cathode Material. ChemElectroChem, 2017, 4, 1916-1923.	3.4	22
3	In Situ Thermal Battery Discharge Using CoS <sub>2</sub> as a Cathode Material. Journal of the Electrochemical Society, 2019, 166, A2660-A2664.	2.9	20
4	Bandgap bowing in a zero-dimensional hybrid halide perovskite derivative: spin-orbit coupling versus lattice strain. Journal of Materials Chemistry A, 2020, 8, 4416-4427.	10.3	20
5	Role of lattice distortion and A site cation in the phase transitions of methylammonium lead halide perovskites. Physical Review Materials, 2018, 2, .	2.4	20
6	Use of Interplay between A-site Nonstoichiometry and Hydroxide Doping to Deliver Novel Proton-Conducting Perovskite Oxides. Advanced Energy Materials, 2021, 11, 2101337.	19.5	11
7	In-situ Studies of High Temperature Thermal Batteries: A Perspective. Frontiers in Energy Research, 2018, 6, .	2.3	8
8	Effect of halide-mixing on tolerance factor and charge-carrier dynamics in (CH <sub>3</sub> NH <sub>3</sub> PbBr <sub>3-x</sub> Cl <sub>x</sub> ) perovskites powders. Journal of Materials Science: Materials in Electronics, 2020, 31, 19415-19428.	2.2	4
9	Synthesis, Structure, and Tunability of Zero-Dimensional Organic-Inorganic Metal Halides Utilizing the <i>m</i> -Xylylenediammonium Cation: MXD <sub>2</sub> PbI <sub>6</sub> , MXDBiI <sub>5</sub> , and MXD <sub>3</sub> Bi <sub>2</sub> Br <sub>12</sub> ·2H <sub>2</sub> O. Crystal Growth and Design, 2022, 22, 3815-3823.	3.0	4
10	Lithiation of V <sub>2</sub> O <sub>3</sub> (SO <sub>4</sub> ) <sub>2</sub> as a flexible insertion host. Journal of Materials Chemistry A, 2020, 8, 19502-19512.	10.3	3
11	Probing the structure-property-composition relationship in organic-inorganic tri-halide perovskites. Physical Chemistry Chemical Physics, 2018, 20, 20489-20496.	2.8	2
12	Time-resolved in-situ x-ray diffraction study of CaO and CaO:Ca <sub>3</sub> Al <sub>2</sub> O <sub>6</sub> composite catalysts for biodiesel production. JPhys Energy, 2021, 3, 034014.	5.3	1