

# Ian M Pendleton

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4499544/publications.pdf>

Version: 2024-02-01

7  
papers

294  
citations

1478505

6  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

532  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robot-Accelerated Perovskite Investigation and Discovery. <i>Chemistry of Materials</i> , 2020, 32, 5650-5663.	6.7	113
2	Experimental and Computational Assessment of Reactivity and Mechanism in C(sp <sup>3</sup> )â€“N Bond-Forming Reductive Elimination from Palladium(IV). <i>Journal of the American Chemical Society</i> , 2016, 138, 6049-6060.	13.7	79
3	Experiment Specification, Capture and Laboratory Automation Technology (ESCALATE): a software pipeline for automated chemical experimentation and data management. <i>MRS Communications</i> , 2019, 9, 846-859.	1.8	51
4	Machine-Learning-Assisted Synthesis of Polar Racemates. <i>Journal of the American Chemical Society</i> , 2020, 142, 7555-7566.	13.7	24
5	Mechanism for Forming B,C,N,O Rings from NH <sub>3</sub> BH <sub>3</sub> and CO <sub>2</sub> via Reaction Discovery Computations. <i>Journal of Physical Chemistry A</i> , 2016, 120, 1135-1144.	2.5	15
6	Can Machines â€œLearnâ€ Halide Perovskite Crystal Formation without Accurate Physicochemical Features?. <i>Journal of Physical Chemistry C</i> , 2020, 124, 13982-13992.	3.1	11
7	The Role of Configurational Entropy in Mini-protein Stability. <i>Journal of Physical Chemistry B</i> , 2021, 125, 3057-3065.	2.6	1