Caleb T Alexander

List of Publications by Year
in descending order

8	626	1307594 7	1588992 8
papers	citations	h-index	g-index

8	8	8	1115
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Active learning-based framework for optimal reaction mechanism selection from microkinetic modeling: a case study of electrocatalytic oxygen reduction reaction on carbon nanotubes. Physical Chemistry Chemical Physics, 2020, 22, 4581-4591.	2.8	5
2	Tuning Redox Transitions via the Inductive Effect in LaNi_{1â€“x}Fe_xO_{3â^Î´} Perovskites for High-Power Asymmetric and Symmetric Pseudocapacitors. ACS Applied Energy Materials, 2019, 2, 6558-6568.	5.1	23
3	Comparison of perovskite and perovskite derivatives for use in anion-based pseudocapacitor applications. Journal of Materials Chemistry A, 2019, 7, 21222-21231.	10.3	21
4	Enhanced Electrocatalytic Activities by Substitutional Tuning of Nickel-Based Ruddlesdenâ€“Popper Catalysts for the Oxidation of Urea and Small Alcohols. ACS Catalysis, 2019, 9, 2664-2673.	11.2	99
5	Anion-Based Pseudocapacitance of the Perovskite Library La_{1â€“x}Sr_xBO_{3â^Î´} (B = Fe, Mn, Co). ACS Applied Materials & Interfaces, 2019, 11, 5084-5094.	8.0	60
6	Role of the Carbon Support on the Oxygen Reduction and Evolution Activities in LaNiO₃ Composite Electrodes in Alkaline Solution. ACS Applied Energy Materials, 2018, 1, 1549-1558.	5.1	40
7	Exceptional electrocatalytic oxygen evolution via tunable charge transfer interactions in La0.5Sr1.5Ni1â^'xFexO4Â±Î´ Ruddlesden-Popper oxides. Nature Communications, 2018, 9, 3150.	12.8	161
8	Nanostructured LaNiO₃ Perovskite Electrocatalyst for Enhanced Urea Oxidation. ACS Catalysis, 2016, 6, 5044-5051.	11.2	217