

# Samuel A Delp

## List of Publications by Year in descending order

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15  
papers

1,111  
citations

687363

13  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1554  
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors Limiting Li <sup>+</sup> Charge Transfer Kinetics in Li-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2018, 165, A361-A367.	2.9	271
2	Importance of Reduction and Oxidation Stability of High Voltage Electrolytes and Additives. <i>Electrochimica Acta</i> , 2016, 209, 498-510.	5.2	179
3	Addition of N-H and O-H Bonds of Amines and Alcohols to Electron-Deficient Olefins Catalyzed by Monomeric Copper(I) Systems: Reaction Scope, Mechanistic Details, and Comparison of Catalyst Efficiency. <i>Organometallics</i> , 2007, 26, 1483-1493.	2.3	131
4	Anti-Markovnikov hydroamination and hydrothiolation of electron-deficient vinylarenes catalyzed by well-defined monomeric copper(II) amido and thiolate complexes. <i>Chemical Communications</i> , 2008, , 111-113.	4.1	95
5	Addition of S-H Bonds across Electron-Deficient Olefins Catalyzed by Well-Defined Copper(I) Thiolate Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 2365-2367.	4.0	92
6	Chemistry Surrounding Monomeric Copper(I) Methyl, Phenyl, Anilido, Ethoxide, and Phenoxide Complexes Supported by N-Heterocyclic Carbene Ligands: Reactivity Consistent with Both Early and Late Transition Metal Systems. <i>Inorganic Chemistry</i> , 2006, 45, 9032-9045.	4.0	91
7	Intramolecular Hydroalkoxylation and Hydroamination of Alkynes Catalyzed by Cu(I) Complexes Supported by N-Heterocyclic Carbene Ligands. <i>ACS Catalysis</i> , 2012, 2, 2182-2193.	11.2	65
8	Single-Electron Oxidation of Monomeric Copper(I) Alkyl Complexes: Evidence for Reductive Elimination through Bimolecular Formation of Alkanes. <i>Organometallics</i> , 2006, 25, 4097-4104.	2.3	42
9	Cr and Si Substituted-LiCo <sub>0.9</sub> Fe <sub>0.1</sub> PO <sub>4</sub> : Structure, full and half Li-ion cell performance. <i>Journal of Power Sources</i> , 2016, 327, 229-234.	7.8	32
10	Electrochemical performance of lithium-ion capacitors evaluated under high temperature and high voltage stress using redox stable electrolytes and additives. <i>Journal of Power Sources</i> , 2018, 373, 20-30.	7.8	31
11	Changes in Electronic Structure upon Li Deintercalation from LiCoPO <sub>4</sub> Derivatives. <i>Chemistry of Materials</i> , 2018, 30, 1898-1906.	6.7	26
12	Anion Coordination Interactions in Solvates with the Lithium Salts LiDCTA and LiTDI. <i>Journal of Physical Chemistry C</i> , 2014, 118, 7781-7787.	3.1	25
13	Well-Defined Copper(I) Amido Complex and Aryl Iodides Reacting to Form Aryl Amines. <i>Organometallics</i> , 2011, 30, 55-57.	2.3	24
14	Combined experimental and computational study of W(II), Ru(II), Pt(IV) and Cu(I) amine and amido complexes using <sup>15</sup> N NMR spectroscopy. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1549-1556.	1.8	6
15	Lithium-Ion Capacitors and Hybrid Lithium-Ion Capacitors Evaluation of Electrolyte Additives Under High Temperature Stress. <i>MRS Advances</i> , 2019, 4, 2641-2649.	0.9	1