

Paul F Smith

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7718294/publications.pdf>

Version: 2024-02-01

24
papers

786
citations

687363

13
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

1599
citing authors

#	ARTICLE	IF	CITATIONS
1	Do multinuclear 3d metal catalysts achieve O–O bond formation via radical coupling or via water nucleophilic attack? WNA leads the way in [Co ₄ O ₄] ⁿ⁺ . <i>Chem Catalysis</i> , 2021, 1, 407-422.	6.1	9
2	Reduction of silver ions in molybdates: elucidation of framework acidity as the factor controlling charge balance mechanisms in aqueous zinc-ion electrolyte. <i>RSC Advances</i> , 2021, 11, 39523-39533.	3.6	2
3	(De)lithiation of spinel ferrites Fe ₃ O ₄ , MgFe ₂ O ₄ , and ZnFe ₂ O ₄ : a combined spectroscopic, diffraction and theory study. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 26200-26215.	2.8	13
4	Vanadium-Substituted Tunnel Structured Silver Hollandite (Ag _{1.2} V _x Mn ₈ O ₁₆): Impact on Morphology and Electrochemistry. <i>Inorganic Chemistry</i> , 2020, 59, 3783-3793.	4.0	4
5	The Effect of Silver Ion Occupancy on Hollandite Lattice Structure. <i>MRS Advances</i> , 2018, 3, 547-552.	0.9	6
6	Deliberately Designed Atomic-Level Silver-Containing Interface Results in Improved Rate Capability and Utilization of Silver Hollandite for Lithium-Ion Storage. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 400-407.	8.0	5
7	Capacity Retention for (De)lithiation of Silver Containing $\hat{\pm}$ -MnO ₂ : Impact of Structural Distortion and Transition Metal Dissolution. <i>Journal of the Electrochemical Society</i> , 2018, 165, A2849-A2858.	2.9	9
8	Review of the Stability/Capacity Trade-off in Silver Hollandite Lithium Battery Cathodes. <i>MRS Advances</i> , 2018, 3, 767-771.	0.9	1
9	Probing the Li Insertion Mechanism of ZnFe ₂ O ₄ in Li-Ion Batteries: A Combined X-Ray Diffraction, Extended X-Ray Absorption Fine Structure, and Density Functional Theory Study. <i>Chemistry of Materials</i> , 2017, 29, 4282-4292.	6.7	62
10	Holy Grails in Chemistry: Investigating and Understanding Fast Electron/Cation Coupled Transport within Inorganic Ionic Matrices. <i>Accounts of Chemical Research</i> , 2017, 50, 544-548.	15.6	42
11	Tailoring the Ag ⁺ Content within the Tunnels and on the Exposed Surfaces of $\hat{\pm}$ -MnO ₂ Nanowires: Impact on Impedance and Electrochemistry. <i>Journal of the Electrochemical Society</i> , 2017, 164, A6163-A6170.	2.9	8
12	The Electrochemistry of Fe ₃ O ₄ /Polypyrrole Composite Electrodes in Lithium-Ion Cells: The Role of Polypyrrole in Capacity Retention. <i>Journal of the Electrochemical Society</i> , 2017, 164, A6260-A6267.	2.9	21
13	Application of a Multiscale, Molecular- to Meso-Scale Perspective towards the Investigation of Fe ₃ O ₄ as an Energy Storage Material. <i>ECS Transactions</i> , 2017, 77, 249-255.	0.5	0
14	Ionic liquid hybrids: Progress toward non-corrosive electrolytes with high-voltage oxidation stability for magnesium-ion based batteries. <i>Electrochimica Acta</i> , 2016, 219, 267-276.	5.2	14
15	Coordination Geometry and Oxidation State Requirements of Corner-Sharing MnO ₆ Octahedra for Water Oxidation Catalysis: An Investigation of Manganite ($\hat{3}$ -MnOOH). <i>ACS Catalysis</i> , 2016, 6, 2089-2099.	11.2	156
16	X-ray Emission Spectroscopy of Mn Coordination Complexes Toward Interpreting the Electronic Structure of the Oxygen-Evolving Complex of Photosystem II. <i>Journal of Physical Chemistry C</i> , 2016, 120, 3326-3333.	3.1	24
17	Surface and Structural Investigation of a Mn _x Birnessite-Type Water Oxidation Catalyst Formed under Photocatalytic Conditions. <i>Chemistry - A European Journal</i> , 2015, 21, 14218-14228.	3.3	29
18	Water Oxidation by the [Co ₄ O ₄ (OAc) ₄ (py) ₄] ⁺ Cubium is Initiated by OH ⁻ Addition. <i>Journal of the American Chemical Society</i> , 2015, 137, 15460-15468.	13.7	64

#	ARTICLE	IF	CITATIONS
19	Reaction of boronic acids with tetrafluoroborate? It depends on the acidity. <i>Inorganic Chemistry Communication</i> , 2014, 48, 144-146.	3.9	1
20	What Determines Catalyst Functionality in Molecular Water Oxidation? Dependence on Ligands and Metal Nuclearity in Cobalt Clusters. <i>Inorganic Chemistry</i> , 2014, 53, 2113-2121.	4.0	70
21	Entropy and enthalpy contributions to the kinetics of proton coupled electron transfer to the $Mn^{IV}O_4(O_2)PPh_2$ cubane. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 11843-11847.	2.8	6
22	Preliminary anti-cancer photodynamic therapeutic in vitro studies with mixed-metal binuclear ruthenium(II)-vanadium(IV) complexes. <i>Dalton Transactions</i> , 2013, 42, 11881.	3.3	43
23	Towards Hydrogen Energy: Progress on Catalysts for Water Splitting. <i>Australian Journal of Chemistry</i> , 2012, 65, 577.	0.9	22
24	Structural Requirements in Lithium Cobalt Oxides for the Catalytic Oxidation of Water. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1616-1619.	13.8	150