

George E Sterbinsky

List of Publications by Year in descending order

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17
papers

963
citations

623734

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888059

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docs citations

17
times ranked

1420
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular engineering of dispersed nickel phthalocyanines on carbon nanotubes for selective CO ₂ reduction. <i>Nature Energy</i> , 2020, 5, 684-692.	39.5	365
2	S-Doped MoP Nanoporous Layer Toward High-Efficiency Hydrogen Evolution in pH-Universal Electrolyte. <i>ACS Catalysis</i> , 2019, 9, 651-659.	11.2	167
3	Stabilizing atomic Pt with trapped interstitial F in alloyed PtCo nanosheets for high-performance zinc-air batteries. <i>Energy and Environmental Science</i> , 2020, 13, 884-895.	30.8	99
4	Compensated Ferrimagnetism in the Zero-Moment Heusler Alloy $Mn_3Co_{1-x}Al_x$. <i>Physical Review Applied</i> , 2017, 7, .	3.8	52
5	Mechanistic Study of Lead Adsorption on Activated Carbon. <i>Langmuir</i> , 2018, 34, 13565-13573.	3.5	43
6	Doping-modulated strain control of bifunctional electrocatalysis for rechargeable zinc-air batteries. <i>Energy and Environmental Science</i> , 2021, 14, 5035-5043.	30.8	39
7	Influence of Ether Solvent and Anion Coordination on Electrochemical Behavior in Calcium Battery Electrolytes. <i>ACS Applied Energy Materials</i> , 2020, 3, 8437-8447.	5.1	37
8	Pt-Ligand single-atom catalysts: tuning activity by oxide support defect density. <i>Catalysis Science and Technology</i> , 2020, 10, 3353-3365.	4.1	28
9	Synthesis of platinum single-site centers through metal-ligand self-assembly on powdered metal oxide supports. <i>Journal of Catalysis</i> , 2018, 365, 303-312.	6.2	27
10	Alkene Hydrosilylation on Oxide-Supported Pt-Ligand Single-Site Catalysts. <i>ChemCatChem</i> , 2019, 11, 2843-2854.	3.7	20
11	Low-moment ferrimagnetic phase of the Heusler compound Cr ₂ CoAl. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 394, 32-36.	2.3	18
12	Magnetic properties of low-moment ferrimagnetic Heusler Cr ₂ CoGa thin films grown by molecular beam epitaxy. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	18
13	Ligand-coordinated Ir single-atom catalysts stabilized on oxide supports for ethylene hydrogenation and their evolution under a reductive atmosphere. <i>Catalysis Science and Technology</i> , 2021, 11, 2081-2093.	4.1	17
14	Tuning Ligand-Coordinated Single Metal Atoms on TiO ₂ and their Dynamic Response during Hydrogenation Catalysis. <i>ChemSusChem</i> , 2021, 14, 3825-3837.	6.8	15
15	Formation of Fe(III)-As(V) complexes: effect on the solubility of ferric hydroxide precipitates and molecular structural identification. <i>Environmental Science: Nano</i> , 2020, 7, 1388-1398.	4.3	9
16	Ligand-coordination effects on the selective hydrogenation of acetylene in single-site Pd-ligand supported catalysts. <i>Journal of Catalysis</i> , 2022, 413, 81-92.	6.2	8
17	A simple method for mitigating error in the fixed-offset of a double-crystal monochromator. <i>Journal of Synchrotron Radiation</i> , 2021, 28, 1737-1746.	2.4	1