

Taner Akbay

List of Publications by Year in descending order

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13
papers

476
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1040056

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docs citations

13
times ranked

1031
citing authors

#	ARTICLE	IF	CITATIONS
1	Sillars Aurivillius phase bismuth niobium oxychloride, $\text{Bi}_4\text{Nb}_8\text{O}_{28}\text{Cl}$, as a new oxide-ion conductor. <i>Journal of Materials Chemistry A</i> , 2022, 10, 2550-2558.	10.3	8
2	Computational Investigation of Electric Field Driven Lithium Intercalation Into Bilayer Graphene. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 425-425.	0.0	0
3	Computational Investigation of Li-Ion Adsorption on Charged Graphene. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 524-524.	0.0	0
4	Chemo-mechanical strain effects on band engineering of the TiO_2 photocatalyst for increasing the water splitting activity. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1335-1346.	10.3	17
5	Hexafluorophosphate-Bis(trifluoromethanesulfonyl)imide anion co-intercalation for increased performance of dual-carbon battery using mixed salt electrolyte. <i>Journal of Power Sources</i> , 2020, 479, 229084.	7.8	14
6	Single-Electron-Trapped Oxygen Vacancy on Ultrathin $\text{WO}_3 \cdot 0.33\text{H}_2\text{O}$ {100} Facets Suppressing Backward Reaction for Promoted H_2 Evolution in Pure Water Splitting. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2998-3005.	4.6	18
7	Strain Effects on Oxygen Reduction Activity of Pr_2NiO_4 Caused by Gold Bulk Dispersion for Low Temperature Solid Oxide Fuel Cells. <i>ACS Applied Energy Materials</i> , 2019, 2, 1210-1220.	5.1	22
8	Explicit Solution To Extract Self-Diffusion and Surface Exchange Coefficients from Isotope Back-Exchange Experiments. <i>Journal of Physical Chemistry C</i> , 2019, 123, 258-264.	3.1	2
9	A systematic evaluation of the role of lanthanide elements in functional complex oxides; implications for energy conversion devices. <i>Journal of Materials Chemistry A</i> , 2018, 6, 11819-11829.	10.3	21
10	Ni_2Fe Nitride Nanoplates on Nitrogen-Doped Graphene as a Synergistic Catalyst for Reversible Oxygen Evolution Reaction and Rechargeable Zn -Air Battery. <i>Small</i> , 2017, 13, 1700099.	10.0	151
11	Fast Diffusivity of PF_6^- Anions in Graphitic Carbon for a Dual-Carbon Rechargeable Battery with Superior Rate Property. <i>Journal of Physical Chemistry C</i> , 2016, 120, 22887-22894.	3.1	82
12	The interaction of molecular oxygen on LaO terminated surfaces of La_2NiO_4 . <i>Journal of Materials Chemistry A</i> , 2016, 4, 13113-13124.	10.3	54
13	Oxygen Activation and Dissociation on Transition Metal Free Perovskite Surfaces. <i>Chemistry of Materials</i> , 2015, 27, 8273-8281.	6.7	87