

Seval Gunduz

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

340
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

457
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of syngas with controllable H ₂ /CO ratio by high temperature co-electrolysis of CO ₂ and H ₂ O over Ni and Co- doped lanthanum strontium ferrite perovskite cathodes. Applied Catalysis B: Environmental, 2019, 248, 487-503.	20.2	72
2	Oxygen Mobility in Pre-Reduced Nano- and Macro-Ceria with Co Loading: An AP-XPS, In-Situ DRIFTS and TPR Study. Catalysis Letters, 2017, 147, 2863-2876.	2.6	52
3	Coke formation during high-temperature CO ₂ electrolysis over AFeO ₃ (A = La/Sr) cathode: Effect of A-site metal segregation. Applied Catalysis B: Environmental, 2021, 283, 119642.	20.2	48
4	Investigation of hetero-phases grown via in-situ exsolution on a Ni-doped (La,Sr)FeO ₃ cathode and the resultant activity enhancement in CO ₂ reduction. Applied Catalysis B: Environmental, 2021, 286, 119917.	20.2	42
5	Experimental and DFT Investigation into Chloride Poisoning Effects on Nitrogen-Coordinated Iron-Carbon (FeNC) Catalysts for Oxygen Reduction Reaction. Journal of Physical Chemistry C, 2020, 124, 10324-10335.	3.1	23
6	Aqueous-Phase Hydrodechlorination of Trichloroethylene over Pd-Based Swellable Organically Modified Silica: Catalyst Deactivation Due to Sulfur Species. Industrial & Engineering Chemistry Research, 2019, 58, 4054-4064.	3.7	20
7	Hydrogen Production from Water in a Solid Oxide Electrolysis Cell: Effect of Ni Doping on Lanthanum Strontium Ferrite Perovskite Cathodes. Industrial & Engineering Chemistry Research, 2019, 58, 22497-22505.	3.7	19
8	CO ₂ and H ₂ O Electrolysis Using Solid Oxide Electrolyzer Cell (SOEC) with La and Cl- doped Strontium Titanate Cathode. Catalysis Letters, 2019, 149, 1743-1752.	2.6	19
9	Enhancement in Oxygen Reduction Reaction Activity of Nitrogen-Doped Carbon Nanostructures in Acidic Media through Chloride-Ion Exposure. ChemElectroChem, 2018, 5, 1966-1975.	3.4	16
10	Exsolution of nanoparticles on A-site-deficient lanthanum ferrite perovskites: its effect on co-electrolysis of CO ₂ and H ₂ O. Journal of Materials Chemistry A, 2022, 10, 2483-2495.	10.3	13
11	Temperature-induced changes in the synthesis gas composition in a high-temperature H ₂ O and CO ₂ co-electrolysis system. Applied Catalysis A: General, 2020, 602, 117697.	4.3	12
12	Incident-angle dependent <i>in operando</i> XAS cell design: investigation of the electrochemical cells under operating conditions at various incidence angles. RSC Advances, 2021, 11, 6456-6463.	3.6	4