

Lishil Silvester

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

509
citations

840776

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1125743

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docs citations

13
times ranked

558
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical aluminum fumarate metal-organic framework - alumina host matrix: Design and application to CaCl ₂ composites for thermochemical heat storage. <i>Journal of Energy Storage</i> , 2022, 50, 104702.	8.1	11
2	Reaction-based kinetic model for the reduction of supported NiO oxygen transfer materials by CH ₄ . <i>Catalysis Today</i> , 2020, 343, 72-79.	4.4	16
3	Fine tuning of the physico-chemical properties of a MIL-53(Al) type - Mesoporous alumina composite using a facile sacrificial-template synthesis approach. <i>Microporous and Mesoporous Materials</i> , 2020, 306, 110443.	4.4	11
4	On the use of an in situ magnetometer to study redox and sintering properties of NiO based oxygen carrier materials for chemical looping steam methane reforming. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 18093-18102.	7.1	13
5	Fully integrated high-throughput methodology for the study of Ni- and Cu-supported catalysts for glucose hydrogenation. <i>Catalysis Today</i> , 2019, 338, 72-80.	4.4	19
6	Exploiting the Synergetic Behavior of PtPd Bimetallic Catalysts in the Selective Hydrogenation of Glucose and Furfural. <i>Catalysts</i> , 2019, 9, 132.	3.5	17
7	Guerbet Reaction over Strontium-Substituted Hydroxyapatite Catalysts Prepared at Various (Ca+Sr)/P Ratios. <i>ChemCatChem</i> , 2017, 9, 2250-2261.	3.7	30
8	Reduction and oxidation kinetic modeling of NiO-based oxygen transfer materials. <i>Chemical Engineering Journal</i> , 2017, 308, 840-852.	12.7	34
9	Development of NiO-Based Oxygen Carrier Materials: Effect of Support on Redox Behavior and Carbon Deposition in Methane. <i>Energy & Fuels</i> , 2016, 30, 8597-8612.	5.1	24
10	Activity study of NiO-based oxygen carriers in chemical looping steam methane reforming. <i>Catalysis Today</i> , 2016, 272, 32-41.	4.4	68
11	NiO supported on Al ₂ O ₃ and ZrO ₂ oxygen carriers for chemical looping steam methane reforming. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 7490-7501.	7.1	92
12	Reactivity of ethanol over hydroxyapatite-based Ca-enriched catalysts with various carbonate contents. <i>Catalysis Science and Technology</i> , 2015, 5, 2994-3006.	4.1	72
13	Structural, textural and acid-base properties of carbonate-containing hydroxyapatites. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11073-11090.	10.3	102