Lishil Silvester

List of Publications by Year
in descending order

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13 papers	509 citations	840776 11 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	558 citing authors

#	Article	IF	Citations
1	Structural, textural and acidâ€“base properties of carbonate-containing hydroxyapatites. Journal of Materials Chemistry A, 2014, 2, 11073-11090.	10.3	102
2	NiO supported on Al 2 O 3 and ZrO 2 oxygen carriers for chemical looping steam methane reforming. International Journal of Hydrogen Energy, 2015, 40, 7490-7501.	7.1	92
3	Reactivity of ethanol over hydroxyapatite-based Ca-enriched catalysts with various carbonate contents. Catalysis Science and Technology, 2015, 5, 2994-3006.	4.1	72
4	Activity study of NiO-based oxygen carriers in chemical looping steam methane reforming. Catalysis Today, 2016, 272, 32-41.	4.4	68
5	Reduction and oxidation kinetic modeling of NiO-based oxygen transfer materials. Chemical Engineering Journal, 2017, 308, 840-852.	12.7	34
6	Guerbet Reaction over Strontiumâ€Substituted Hydroxyapatite Catalysts Prepared at Various (Ca+Sr)/P Ratios. ChemCatChem, 2017, 9, 2250-2261.	3.7	30
7	Development of NiO-Based Oxygen Carrier Materials: Effect of Support on Redox Behavior and Carbon Deposition in Methane. Energy & Fuels, 2016, 30, 8597-8612.	5.1	24
8	Fully integrated high-throughput methodology for the study of Ni- and Cu-supported catalysts for glucose hydrogenation. Catalysis Today, 2019, 338, 72-80.	4.4	19
9	Exploiting the Synergetic Behavior of PtPd Bimetallic Catalysts in the Selective Hydrogenation of Glucose and Furfural. Catalysts, 2019, 9, 132.	3.5	17
10	Reaction-based kinetic model for the reduction of supported NiO oxygen transfer materials by CH4. Catalysis Today, 2020, 343, 72-79.	4.4	16
11	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. International Journal of Hydrogen Energy, 2019, 44, 18093-18102.	7.1	13
12	Fine tuning of the physico-chemical properties of a MIL-53(Al) type - Mesoporous alumina composite using a facile sacrificial-template synthesis approach. Microporous and Mesoporous Materials, 2020, 306, 110443.	4.4	11
13	Hierarchical aluminum fumarate metal-organic framework - alumina host matrix: Design and application to CaCl2 composites for thermochemical heat storage. Journal of Energy Storage, 2022, 50, 104702.	8.1	11