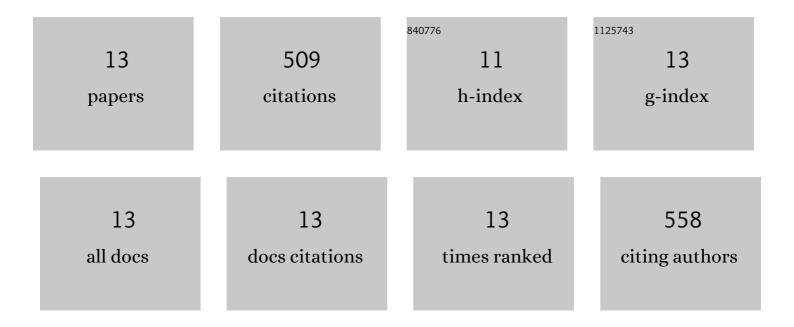
## Lishil Silvester

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1926992/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	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
2	Reaction-based kinetic model for the reduction of supported NiO oxygen transfer materials by CH4. Catalysis Today, 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. Microporous and Mesoporous Materials, 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. International Journal of Hydrogen Energy, 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. Catalysis Today, 2019, 338, 72-80.	4.4	19
6	Exploiting the Synergetic Behavior of PtPd Bimetallic Catalysts in the Selective Hydrogenation of Glucose and Furfural. Catalysts, 2019, 9, 132.	3.5	17
7	Guerbet Reaction over Strontium‧ubstituted Hydroxyapatite Catalysts Prepared at Various (Ca+Sr)/P Ratios. ChemCatChem, 2017, 9, 2250-2261.	3.7	30
8	Reduction and oxidation kinetic modeling of NiO-based oxygen transfer materials. Chemical Engineering Journal, 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. Energy & Fuels, 2016, 30, 8597-8612.	5.1	24
10	Activity study of NiO-based oxygen carriers in chemical looping steam methane reforming. Catalysis Today, 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. International Journal of Hydrogen Energy, 2015, 40, 7490-7501.	7.1	92
12	Reactivity of ethanol over hydroxyapatite-based Ca-enriched catalysts with various carbonate contents. Catalysis Science and Technology, 2015, 5, 2994-3006.	4.1	72
13	Structural, textural and acid–base properties of carbonate-containing hydroxyapatites. Journal of Materials Chemistry A, 2014, 2, 11073-11090.	10.3	102