

# Mahesh Muraleedharan Nair

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Nanocast LaNiO <sub>3</sub> Perovskites as Precursors for the Preparation of Coke-Resistant Dry Reforming Catalysts. ACS Catalysis, 2014, 4, 3837-3846.	11.2	157
2	Structured catalysts for dry reforming of methane. New Journal of Chemistry, 2016, 40, 4049-4060.	2.8	101
3	Tailor-Made Mesoporous TiO <sub>2</sub> Catalysts for Oxidative Desulfurization of Refractory Aromatic Sulfur Compounds in Transport Fuel. ChemCatChem, 2012, 4, 687-697.	3.7	72
4	Kinetics of Methanol Oxidation over Mesoporous Perovskite Catalysts. ChemCatChem, 2012, 4, 387-394.	3.7	40
5	Nanocast mesoporous mixed metal oxides for catalytic applications. Comptes Rendus Chimie, 2014, 17, 641-655.	0.5	25
6	Solid-State Reoxidation Kinetics of A/B-site Substituted LaMnO <sub>3</sub> During Solar Thermochemical CO <sub>2</sub> Conversion. Energy Technology, 2021, 9, 2000885.	3.8	7
7	Correlating oxygen mobility with thermochemical CO <sub>2</sub> -splitting efficiency in A-site substituted manganite perovskites. Sustainable Energy and Fuels, 2021, 5, 4570-4574.	4.9	7
8	Solid-State Redox Kinetics of CeO <sub>2</sub> in Two-Step Solar CH <sub>4</sub> Partial Oxidation and Thermochemical CO <sub>2</sub> Conversion. Catalysts, 2021, 11, 723.	3.5	4
9	Structure and phase evolution of CaMnO <sub>3</sub> perovskite during isothermal redox cycles. Canadian Journal of Chemical Engineering, 2019, 97, 2131-2136.	1.7	3