

# Loc Luu

## List of Publications by Year in descending order

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15  
papers

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citations

1478505

6  
h-index

1125743

13  
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docs citations

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times ranked

204  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exceptional photodecomposition activity of heterostructure NiTiO <sub>3</sub> @TiO <sub>2</sub> catalyst. Journal of Science: Advanced Materials and Devices, 2022, 7, 100407.	3.1	3
2	Effect of Support on Stability and Coke Resistance of Ni-Based Catalyst in Combined Steam and CO <sub>2</sub> Reforming of CH <sub>4</sub> . ACS Omega, 2022, 7, 20092-20103.	3.5	6
3	Effect of NH <sub>3</sub> Alkalization and MgO Promotion on the Performance of Ni/SBA-15 Catalyst in Combined Steam and Carbon Dioxide Reforming of Methane. Journal of Nanomaterials, 2021, 2021, 1-14.	2.7	4
4	Kinetics of n-hexane hydroisomerization over HZSM-5 supported platinum catalysts. Features of the process mechanism and the Ni-promoting effect. Molecular Catalysis, 2021, 515, 111880.	2.0	1
5	Kinetics of photocatalytic degradation of gaseous <i>p</i> -xylene on UiO-66@NH <sub>2</sub> and LaFeO <sub>3</sub> thin films under combined illumination of ultraviolet and visible lights. International Journal of Chemical Kinetics, 2020, 52, 35-51.	1.6	4
6	Methane dry reforming over nickel-based catalysts: insight into the support effect and reaction kinetics. Reaction Kinetics, Mechanisms and Catalysis, 2020, 131, 707-735.	1.7	11
7	Multifunctional Zn-MOF-74 as the gas adsorbent and photocatalyst. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2020, 11, 035008.	1.5	8
8	Improving the performance of nickel catalyst supported on mesostructured silica nanoparticles in methanation of CO <sub>2</sub> -rich gas by urea-nitrate combustion. Chemical Papers, 2020, 74, 3925-3935.	2.2	3
9	Effect of V <sub>2</sub> O <sub>5</sub> promoter on characteristics and performance of NiO/CeO <sub>2</sub> catalyst in methane bi-reforming. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2020, 11, 045013.	1.5	6
10	Thin film nano-photocatalysts with low band gap energy for gas phase degradation of <i>p</i> -xylene: TiO <sub>2</sub> doped Cr, UiO66-NH <sub>2</sub> and LaBO <sub>3</sub> (B=Fe, Mn, and Co). Advances in Natural Sciences: Nanoscience and Nanotechnology, 2018, 9, 015003.	1.5	4
11	Kinetics of gas-phase photooxidation of <i>p</i> -xylene on nano TiO <sub>2</sub> P25 thin film. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2018, 9, 045006.	1.5	5
12	Effect of CeO <sub>2</sub> morphology on performance of NiO/CeO <sub>2</sub> catalyst in combined steam and CO <sub>2</sub> reforming of CH <sub>4</sub> . International Journal of Nanotechnology, 2018, 15, 968.	0.2	10
13	Effect of NiO Loading and Thermal Treatment Duration on Performance of Ni/SBA-15 Catalyst in Combined Steam and CO <sub>2</sub> Reforming of CH <sub>4</sub> . Materials Transactions, 2018, 59, 1898-1902.	1.2	11
14	Synthesis, characterization and adsorption ability of UiO-66-NH <sub>2</sub> . Advances in Natural Sciences: Nanoscience and Nanotechnology, 2015, 6, 025004.	1.5	82
15	Characterization of the thin layer photocatalysts TiO <sub>2</sub> and V <sub>2</sub> O <sub>5</sub> - and Fe <sub>2</sub> O <sub>3</sub> - doped TiO <sub>2</sub> prepared by the sol-gel method. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2013, 4, 035003.	1.5	7