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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of NaX-type zeolites prepared by different silica and alumina sources and their CO ₂ adsorption properties. <i>Microporous and Mesoporous Materials</i> , 2021, 310, 110632.	4.4	34
2	Study of CO ₂ adsorption on iron oxide doped MCM-41. <i>Microporous and Mesoporous Materials</i> , 2017, 245, 8-15.	4.4	33
3	Catalytic activities of titania-supported nickel for carbon-dioxide methanation. <i>Chemical Engineering Science</i> , 2020, 228, 115955.	3.8	30
4	Effects of Ce addition on the properties and photocatalytic activity of TiO ₂ , investigated by X-ray absorption spectroscopy. <i>Materials Chemistry and Physics</i> , 2018, 213, 431-443.	4.0	21
5	Effect of Cu addition on TiO ₂ surface properties and photocatalytic performance: X-ray Absorption Spectroscopy analysis. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 120, 231-240.	4.0	19
6	Preparation and characterization of Ce _{1-x} Pr _x O ₂ supports and their catalytic activities. <i>Journal of Rare Earths</i> , 2017, 35, 1197-1205.	4.8	18
7	The role of Ce addition in catalytic activity enhancement of TiO ₂ -supported Ni for CO ₂ methanation reaction. <i>RSC Advances</i> , 2020, 10, 26952-26971.	3.6	17
8	Water Based Synthesis of ZIF-8 Assisted by Hydrogen Bond Acceptors and Enhancement of CO ₂ Uptake by Solvent Assisted Ligand Exchange. <i>Crystals</i> , 2020, 10, 599.	2.2	16
9	Enhanced CH ₄ selectivity for CO ₂ methanation over Ni-TiO ₂ by addition of Zr promoter. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107710.	6.7	15
10	Correlation of the Photocatalytic Activities of Cu, Ce and/or Pt-Modified Titania Particles with their Bulk and Surface Structures Studied by Reversed Double-Beam Photoacoustic Spectroscopy. <i>Catalysts</i> , 2019, 9, 1010.	3.5	7
11	The effect of Sm addition on structure, redox properties and catalytic activities for water gas shift reaction of ceria-based support. <i>Solid State Sciences</i> , 2020, 99, 106066.	3.2	7
12	Effects of Cetyltrimethylammonium Bromide and Heptane on the Surface Properties and CO ₂ Adsorption of Zeolite NaX. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 658-665.	1.4	5
13	One pot sol-gel synthesis of Pt ⁰ /Ni/TiO ₂ with high CO ₂ methanation catalytic activity at low temperature. <i>Applied Catalysis A: General</i> , 2022, 641, 118670.	4.3	5