

Maryam Takht Ravanchi

List of Publications by Year in descending order

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12
papers

275
citations

1163117

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docs citations

13
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309
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Pd–Ag/Al ₂ O ₃ catalyst by colloidal oxide method for acetylene selective hydrogenation: a study on the sintering of PdO nanoparticles. <i>Research on Chemical Intermediates</i> , 2022, 48, 817-837.	2.7	3
2	Evaluation of metal type in MIL-100 structure to synthesize a selective adsorbent for the basic N-compounds removal from liquid fuels. <i>Microporous and Mesoporous Materials</i> , 2019, 274, 54-60.	4.4	12
3	Multi-response optimization of MIL-101 synthesis for selectively adsorbing N-compounds from fuels. <i>Petroleum Science</i> , 2019, 16, 1442-1454.	4.9	3
4	Acetylene selective hydrogenation: a technical review on catalytic aspects. <i>Reviews in Chemical Engineering</i> , 2018, 34, 215-237.	4.4	72
5	Characterization and performance of Pd/Ni(Zn)-aluminate catalysts for acetylene hydrogenation. <i>Research on Chemical Intermediates</i> , 2018, 44, 1335-1349.	2.7	5
6	The effect of calcination temperature on physicochemical properties of alumina as a support for acetylene selective hydrogenation catalyst. <i>Research on Chemical Intermediates</i> , 2016, 42, 4797-4811.	2.7	13
7	Pd-Ag/Al ₂ O ₃ catalyst: Stages of deactivation in tail-end acetylene selective hydrogenation. <i>Applied Catalysis A: General</i> , 2016, 525, 197-203.	4.3	42
8	Pd–Ag/Al ₂ O ₃ Catalyst Deactivation in Acetylene Selective Hydrogenation Process. <i>Chemical Engineering and Technology</i> , 2016, 39, 301-310.	1.5	32
9	Influence of Support Structural Characteristics on Long-term Performance of Pd-Ag/Al ₂ O ₃ Catalyst for Tail-end Acetylene Selective Hydrogenation. <i>International Journal of Chemical Reactor Engineering</i> , 2016, 14, 1035-1046.	1.1	5
10	The influence of alumina phases on the performance of the Pd–Ag/Al ₂ O ₃ catalyst in tail-end selective hydrogenation of acetylene. <i>Applied Catalysis A: General</i> , 2015, 502, 287-296.	4.3	36
11	Effect of Calcination Conditions on Crystalline Structure and Pore Size Distribution for a Mesoporous Alumina. <i>Chemical Engineering Communications</i> , 2015, 202, 493-499.	2.6	22
12	Kinetic study of propane dehydrogenation and side reactions over Pt–Sn/Al ₂ O ₃ catalyst. <i>Chemical Engineering Research and Design</i> , 2012, 90, 1090-1097.	5.6	30