

Mohammad S Alqahtani

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

108
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

82
citing authors

#	ARTICLE	IF	CITATIONS
1	Regenerable solid molecular basket sorbents for selective SO ₂ capture from CO ₂ -rich gas streams. <i>Catalysis Today</i> , 2021, 371, 231-239.	4.4	6
2	One-step plasma-enabled catalytic carbon dioxide hydrogenation to higher hydrocarbons: significance of catalyst-bed configuration. <i>Green Chemistry</i> , 2021, 23, 1642-1647.	9.0	23
3	Plasma-enhanced catalytic reduction of SO ₂ : Decoupling plasma-induced surface reaction from plasma-phase reaction. <i>Applied Catalysis B: Environmental</i> , 2021, 286, 119852.	20.2	12
4	Plasma-assisted catalytic reduction of SO ₂ to elemental sulfur: Influence of nonthermal plasma and temperature on iron sulfide catalyst. <i>Journal of Catalysis</i> , 2020, 391, 260-272.	6.2	21
5	One-Step Low-Temperature Reduction of Sulfur Dioxide to Elemental Sulfur by Plasma-Enhanced Catalysis. <i>ACS Catalysis</i> , 2020, 10, 5272-5277.	11.2	22
6	Thermally rearranged polypyrrolone membranes for high-pressure natural gas separation applications. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 51, 262-270.	4.4	24