

# Ijaz Hussain

## List of Publications by Year in descending order

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15  
papers

406  
citations

933447

10  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

195  
citing authors

#	ARTICLE	IF	CITATIONS
1	A critical review on relationship of CeO <sub>2</sub> -based photocatalyst towards mechanistic degradation of organic pollutant. <i>Chemosphere</i> , 2022, 286, 131651.	8.2	147
2	Contemporary thrust and emerging prospects of catalytic systems for substitute natural gas production by CO methanation. <i>Fuel</i> , 2022, 311, 122604.	6.4	11
3	Substituted natural gas (SNG) production using an environment-friendly, metal-free modified beta zeolite (@BEA) catalyst with a dandelion flower-like structure. <i>Molecular Catalysis</i> , 2022, 523, 112140.	2.0	2
4	Optimization of boron dispersion on fibrous-silica-nickel catalyst for enhanced CO <sub>2</sub> hydrogenation to methane. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 30896-30907.	7.1	9
5	A state of the art review on electrochemical technique for the remediation of pharmaceuticals containing wastewater. <i>Environmental Research</i> , 2022, 210, 112975.	7.5	26
6	Improved ethylbenzene suppression and coke-resistance on benzene methylation over metals doped fibrous silica-HZSM-5 zeolite. <i>Molecular Catalysis</i> , 2022, 526, 112370.	2.0	1
7	Thermodynamic and experimental explorations of CO <sub>2</sub> methanation over highly active metal-free fibrous silica-beta zeolite (FS@SiO <sub>2</sub> -BEA) of innovative morphology. <i>Chemical Engineering Science</i> , 2021, 229, 116015.	3.8	21
8	Recent advances in hybrid wet scrubbing techniques for NO <sub>x</sub> and SO <sub>2</sub> removal: State of the art and future research. <i>Chemosphere</i> , 2021, 273, 129695.	8.2	45
9	Green carbonaceous materialâ€™fibrous silica-titania composite photocatalysts for enhanced degradation of toxic 2-chlorophenol. <i>Journal of Hazardous Materials</i> , 2021, 414, 125524.	12.4	32
10	Recent advances in catalytic systems in the prism of physicochemical properties to remediate toxic CO pollutants: A state-of-the-art review. <i>Chemosphere</i> , 2021, 277, 130285.	8.2	24
11	Thermal Analysis and Energy Efficiency Improvements in Tunnel Kiln for Sustainable Environment. <i>Processes</i> , 2021, 9, 1629.	2.8	6
12	Recent Breakthroughs and Advancements in NO <sub>x</sub> and SO <sub>x</sub> Reduction Using Nanomaterials-Based Technologies: A State-of-the-Art Review. <i>Nanomaterials</i> , 2021, 11, 3301.	4.1	6
13	Fabrication and characterization of highly active fibrous silica-mordenite (FS@SiO <sub>2</sub> -MOR) cockscomb shaped catalyst for enhanced CO <sub>2</sub> methanation. <i>Chemical Engineering Science</i> , 2020, 228, 115978.	3.8	33
14	Favored hydrogenation of linear carbon monoxide over cobalt loaded on fibrous silica KCC-1. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 9522-9534.	7.1	22
15	A highly competitive system for CO methanation over an active metal-free fibrous silica mordenite via in-situ ESR and FTIR studies. <i>Energy Conversion and Management</i> , 2020, 211, 112754.	9.2	21