

# Qifu Huang

## List of Publications by Year in descending order

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15  
papers

399  
citations

840776

11  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

517  
citing authors

#	ARTICLE	IF	CITATIONS
1	Typical crystal face effects of different morphology ceria on the activity of Pd/CeO <sub>2</sub> catalysts for lean methane combustion. <i>Fuel</i> , 2018, 233, 10-20.	6.4	103
2	A review of the preparation and applications of MnO <sub>2</sub> composites in formaldehyde oxidation. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 66, 126-140.	5.8	53
3	Hydroxyl groups attached to Co <sup>2+</sup> on the surface of Co <sub>3</sub> O <sub>4</sub> : a promising structure for propane catalytic oxidation. <i>Catalysis Science and Technology</i> , 2020, 10, 2573-2582.	4.1	39
4	HCHO Removal by MnO <sub>2</sub> /CeO <sub>2</sub> : Influence of the Synergistic Effect on the Catalytic Activity. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 596-608.	3.7	38
5	Highly Active and Thermally Stable Supported Pd@SiO <sub>2</sub> Core-Shell Catalyst for Catalytic Methane Combustion. <i>Energy Technology</i> , 2016, 4, 943-949.	3.8	32
6	Catalytic performance of Pd-NiCo <sub>2</sub> O <sub>4</sub> /SiO <sub>2</sub> in lean methane combustion at low temperature. <i>Journal of the Energy Institute</i> , 2018, 91, 733-742.	5.3	28
7	Low Temperature Complete Combustion of Lean Methane over Cobalt-Nickel Mixed-Oxide Catalysts. <i>Energy Technology</i> , 2017, 5, 604-610.	3.8	26
8	Effects of ferrocene on flame temperature, formation of soot particles and growth of polycyclic aromatic hydrocarbons. <i>Journal of the Energy Institute</i> , 2017, 90, 893-901.	5.3	18
9	A review of significant factors in the synthesis of hetero-structured dumbbell-like nanoparticles. <i>Chinese Journal of Catalysis</i> , 2016, 37, 681-691.	14.0	13
10	Catalytic Performance of Novel Hierarchical Porous Flower-Like NiCo <sub>2</sub> O <sub>4</sub> Supported Pd in Lean Methane Oxidation. <i>Catalysis Letters</i> , 2018, 148, 2799-2811.	2.6	13
11	Impact of ferrocene on the nanostructure and functional groups of soot in a propane/oxygen diffusion flame. <i>RSC Advances</i> , 2017, 7, 5427-5436.	3.6	11
12	Preparation of two different crystal structures of cerous phosphate as solid acid catalysts: their different catalytic performance in the aldol condensation reaction between furfural and acetone. <i>RSC Advances</i> , 2019, 9, 16919-16928.	3.6	11
13	Numerical study on heat transfer and energy storage in a glass furnace regenerator. <i>Glass Technology: European Journal of Glass Science and Technology Part A</i> , 2018, 59, 1-10.	0.2	10
14	Liftoff behavior and combustion characteristic of jet flame in a coflow burner. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 1366-1373.	2.3	3
15	Experiment on lift-off characteristics of butane jet flame in vitiated co-flow. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019, 27, 553-558.	2.1	1