Jun-Jiang Guo

List of Publications by Year
in descending order

15	122	1307594	1281871
papers	citations	7	11
		h-index	g-index

15	15	15	146
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Experimental study on K migration, ash fouling/slagging behaviors and CO2 emission during co-combustion of rice straw and coal gangue. Energy, 2022, 251, 123950.	8.8	11
2	Study on Pyrolytic Mechanisms of n-Perfluorosilanes SinF2n+2 (2 â‰¤ n < 6) and Perfluorocyclosilanes SinF2n (3 â‰¤ n â‰¤ 6). ACS Omega, 2021, 6, 32841-32851.	3.5	0
3	Comprehensive Comparison of the Combustion Behavior for Low-Temperature Combustion of n-Nonane. ACS Omega, 2020, 5, 4924-4936.	3.5	8
4	Influence of Different Core Mechanisms on Low-Temperature Combustion Characteristics of Large Hydrocarbon Fuels. Energy & Fuels, 2019, 33, 7835-7851.	5.1	3
5	Comparison of Growth Characteristics and Properties of CVD TiN and TiO2 Anti-Coking Coatings. Processes, 2019, 7, 574.	2.8	7
6	Analysis of Combustion Characteristics When Adding Hydrogen and Short-Chain Hydrocarbons to RP-3 Aviation Kerosene Based on the Variation Disturbance Method. Energy & Fuels, 2019, 33, 6767-6774.	5.1	3
7	Preparation of Highly Stable and Effective N-Doped TiO2@SiO2 Aerogel Catalyst for Degradation of Organic Pollutants by Visible Light Catalysis. Journal of Chemistry, 2019, 2019, 1-10.	1.9	2
8	Mechanism Construction and Simulation for Combustion of Large Hydrocarbon Fuels Applied in Wide Temperature Range. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2019, 35, 182-192.	4.9	1
9	Theoretical and kinetic study of the reaction of C₂H₃ + HO₂ on the C₂H₃O₂H potential energy surface. RSC Advances, 2017, 7, 44809-44819.	3.6	13
10	Investigations of Chemical Kinetic Mechanisms for Low-to-medium Temperature Ignition of Ethylene. Acta Chimica Sinica, 2017, 75, 375.	1.4	3
11	Theoretical Prediction of Rate Constants for Hydrogen Abstraction by OH, H, O, CH₃, and HO₂ Radicals from Toluene. Journal of Physical Chemistry A, 2016, 120, 3424-3432.	2.5	36
12	Temperature and Pressure Dependent Rate Coefficients for the Reaction of C₂H₄ + HO₂ on the C₂H₄O₂H Potential Energy Surface. Journal of Physical Chemistry A, 2015, 119, 3161-3170.	2.5	14
13	Mechanism construction and simulation for high-temperature combustion of n-propylcyclohexane. Chemical Research in Chinese Universities, 2014, 30, 480-488.	2.6	19
14	The Defluorination of SiF4 on Si (1 1 1) Surfaces: a Density Functional Theory Study. Silicon, 0, , 1.	3.3	0
15	Effect of external electric field on hexadiene homolog C ₆ H ₆ (SiF) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.9	2