

Hu Wang

List of Publications by Year in descending order

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44
papers

2,530
citations

304743

22
h-index

276875

41
g-index

44
all docs

44
docs citations

44
times ranked

1742
citing authors

#	ARTICLE	IF	CITATIONS
1	Oligocene-Early Miocene exhumation and shortening along the Anninghe fault in the southeastern Tibetan Plateau: insights from zircon and apatite (U-Th)/He thermochronology. <i>International Geology Review</i> , 2022, 64, 390-404.	2.1	11
2	Rupture Behavior of the Litang Fault within the Sichuan-Yunnan Active Block, Southeastern Tibetan Plateau. <i>Lithosphere</i> , 2022, 2021, .	1.4	2
3	Quaternary Deposits Affect Coseismic Offset on Thrust Faults: Evidence from the 2008 Mw7.9 Wenchuan, China, Earthquake. <i>Seismological Research Letters</i> , 2021, 92, 2182-2195.	1.9	1
4	Modeling and Application of Fractional-Order Economic Growth Model with Time Delay. <i>Fractal and Fractional</i> , 2021, 5, 74.	3.3	17
5	River reversal of the Parlung River at Songzong Town in the eastern Himalayan Syntaxis, Tibetan Plateau. <i>Geological Journal</i> , 2021, 56, 5792.	1.3	0
6	Evidence for Holocene Activity on the Jiali Fault, an Active Block Boundary in the Southeastern Tibetan Plateau. <i>Seismological Research Letters</i> , 2020, 91, 1776-1780.	1.9	13
7	Evidence of Characteristic Earthquakes on Thrust Faults From Paleorupture Behavior Along the Longmenshan Fault System. <i>Tectonics</i> , 2019, 38, 2401-2410.	2.8	9
8	A Possible Tectonic Response Between the Qingchuan Fault and the Beichuan-Yingxiu Fault of the Longmen Shan Fault Zone? Evidence From Geologic Observations by Paleoseismic Trenching and Radiocarbon Dating. <i>Tectonics</i> , 2018, 37, 4086-4096.	2.8	6
9	Paleoearthquakes on the Anninghe and Zemuhe fault along the southeastern margin of the Tibetan Plateau and implications for fault rupture behavior at fault bends on strike-slip faults. <i>Tectonophysics</i> , 2017, 721, 167-178.	2.2	21
10	Effects of diesel/PODE (polyoxymethylene dimethyl ethers) blends on combustion and emission characteristics in a heavy duty diesel engine. <i>Fuel</i> , 2016, 177, 206-216.	6.4	166
11	Experimental investigations of gasoline partially premixed combustion with an exhaust rebreathing valve strategy at low loads. <i>Applied Thermal Engineering</i> , 2016, 103, 832-841.	6.0	32
12	Development of a combined reduced primary reference fuel-alcohols (methanol/ethanol/propanols/butanols/n-pentanol) mechanism for engine applications. <i>Energy</i> , 2016, 114, 542-558.	8.8	90
13	Prediction Accuracy and Efficiency of the n-Heptane Mechanism at Different Reduction Levels. <i>Energy & Fuels</i> , 2016, 30, 6822-6827.	5.1	3
14	Development of a reduced toluene reference fuel (TRF)-2,5-dimethylfuran-polycyclic aromatic hydrocarbon (PAH) mechanism for engine applications. <i>Combustion and Flame</i> , 2016, 165, 453-465.	5.2	58
15	Effects of late intake valve closing (LIVC) and rebreathing valve strategies on diesel engine performance and emissions at low loads. <i>Applied Thermal Engineering</i> , 2016, 98, 310-319.	6.0	37
16	Effect of combustion regime on in-cylinder heat transfer in internal combustion engines. <i>International Journal of Engine Research</i> , 2016, 17, 331-346.	2.3	51
17	Reaction Mechanisms and HCCI Combustion Processes of Mixtures of n-Heptane and the Butanols. <i>Frontiers in Mechanical Engineering</i> , 2015, 1, .	1.8	12
18	Combustion Mode Design with High Efficiency and Low Emissions Controlled by Mixtures Stratification and Fuel Reactivity. <i>Frontiers in Mechanical Engineering</i> , 2015, 1, .	1.8	6

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19	A reduced toluene reference fuel chemical kinetic mechanism for combustion and polycyclic-aromatic hydrocarbon predictions. <i>Combustion and Flame</i> , 2015, 162, 2390-2404.	5.2	171
20	Construction of Skeletal Oxidation Mechanisms for the Saturated Fatty Acid Methyl Esters from Methyl Butanoate to Methyl Palmitate. <i>Energy & Fuels</i> , 2015, 29, 1076-1089.	5.1	15
21	Development of a skeletal mechanism for diesel surrogate fuel by using a decoupling methodology. <i>Combustion and Flame</i> , 2015, 162, 3785-3802.	5.2	162
22	Paleoseismic investigation of the seismic gap between the seismogenic structures of the 2008 Wenchuan and 2013 Lushan earthquakes along the Longmen Shan fault zone at the eastern margin of the Tibetan Plateau. <i>Lithosphere</i> , 2015, 7, 14-20.	1.4	21
23	The Potential of High-load Extension by Using Late Intake Valve Closing for a Diesel Premixed Charge Compression Ignition (PCCI) Engine. <i>Energy Procedia</i> , 2015, 66, 33-36.	1.8	16
24	Development of a skeletal oxidation mechanism for biodiesel surrogate. <i>Proceedings of the Combustion Institute</i> , 2015, 35, 3037-3044.	3.9	69
25	Numerical simulation of cyclic variability in reactivity-controlled compression ignition combustion with a focus on the initial temperature at intake valve closing. <i>International Journal of Engine Research</i> , 2015, 16, 441-460.	2.3	43
26	Paleoseismic records of large earthquakes on the cross-basin fault in the Ganyanchi pull-apart basin, Haiyuan fault, northeastern Tibetan Plateau. <i>Natural Hazards</i> , 2014, 71, 1695-1713.	3.4	6
27	Experimental and Numerical Investigation on Soot Behavior of Soybean Biodiesel under Ambient Oxygen Dilution in Conventional and Low-Temperature Flames. <i>Energy & Fuels</i> , 2014, 28, 2663-2676.	5.1	21
28	Development of a reduced n-dodecane-PAH mechanism and its application for n-dodecane soot predictions. <i>Fuel</i> , 2014, 136, 25-36.	6.4	111
29	Experimental and simulation investigation of the combustion characteristics and emissions using n-butanol/biodiesel dual-fuel injection on a diesel engine. <i>Energy</i> , 2014, 74, 741-752.	8.8	140
30	Kinetic and Numerical Study on the Effects of Di- <i>tert</i> -butyl Peroxide Additive on the Reactivity of Methanol and Ethanol. <i>Energy & Fuels</i> , 2014, 28, 5480-5488.	5.1	41
31	An Experimental and Numerical Study on the Effects of Fuel Properties on the Combustion and Emissions of Low-Temperature Combustion Diesel Engines. <i>Combustion Science and Technology</i> , 2014, 186, 1795-1815.	2.3	21
32	A 3400-year-long paleoseismologic record of earthquakes on the southern segment of Anninghe fault on the southeastern margin of the Tibetan Plateau. <i>Tectonophysics</i> , 2014, 628, 206-217.	2.2	30
33	Time-resolved spray, flame, soot quantitative measurement fueling n-butanol and soybean biodiesel in a constant volume chamber under various ambient temperatures. <i>Fuel</i> , 2014, 133, 317-325.	6.4	70
34	Late Quaternary paleoseismic behavior and rupture segmentation of the Yingxiu-Beichuan fault along the Longmen Shan fault zone, China. <i>Tectonics</i> , 2014, 33, 2218-2232.	2.8	31
35	Paleoseismology and kinematic characteristics of the Xiaoyudong rupture, a short but significant strange segment characterized by the May 12, 2008, Mw 7.9 earthquake in Sichuan, China. <i>Tectonophysics</i> , 2013, 584, 91-101.	2.2	20
36	Development of a Reduced Primary Reference Fuel Mechanism for Internal Combustion Engine Combustion Simulations. <i>Energy & Fuels</i> , 2013, 27, 7843-7853.	5.1	172

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37	Development of an n-heptane-n-butanol-PAH mechanism and its application for combustion and soot prediction. <i>Combustion and Flame</i> , 2013, 160, 504-519.	5.2	201
38	Paleoseismic events and recurrence interval along the Beichuan-Yingxiu fault of Longmenshan fault zone, Yingxiu, Sichuan, China. <i>Tectonophysics</i> , 2013, 584, 81-90.	2.2	55
39	Holocene palaeoseismologic record of earthquakes on the Zemuhe fault on the southeastern margin of the Tibetan Plateau. <i>Geophysical Journal International</i> , 2013, 193, 11-28.	2.4	23
40	Development of an n-heptane/toluene/polyaromatic hydrocarbon mechanism and its application for combustion and soot prediction. <i>International Journal of Engine Research</i> , 2013, 14, 434-451.	2.3	59
41	Experimental study of n-butanol additive and multi-injection on HD diesel engine performance and emissions. <i>Fuel</i> , 2010, 89, 2191-2201.	6.4	329
42	Paleoseismic evidence and repeat time of large earthquakes at three sites along the Longmenshan fault zone. <i>Tectonophysics</i> , 2010, 491, 141-153.	2.2	110
43	Comparison of Diesel Combustion CFD Models and Evaluation of the Effects of Model Constants. , 0, , .		18
44	Numerical Study of the RCCI Combustion Processes Fuelled with Methanol, Ethanol, n-Butanol and Diesel. , 0, , .		40