

Jianguo Du

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41
papers

669
citations

15
h-index

25
g-index

45
ext. papers

758
ext. citations

2.5
avg, IF

3.32
L-index

#	Paper	IF	Citations
41	Variations of geothermometry and chemical-isotopic compositions of hot spring fluids in the Rehai geothermal field, southwestern China. <i>Journal of Volcanology and Geothermal Research</i> , 2005 , 142, 243-261	2.8	86
40	Sources and distribution of aliphatic and polycyclic aromatic hydrocarbons in Yellow River Delta Nature Reserve, China. <i>Applied Geochemistry</i> , 2011 , 26, 1330-1336	3.5	60
39	Stable carbon isotope compositions of gaseous hydrocarbons produced from high pressure and high temperature pyrolysis of lignite. <i>Organic Geochemistry</i> , 2003 , 34, 97-104	3.1	54
38	Late Quaternary systematic stream offsets caused by repeated large seismic events along the Kunlun fault, northern Tibet. <i>Geomorphology</i> , 2005 , 71, 278-292	4.3	47
37	High-pressure behavior of TATB crystal by density functional theory. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007 , 367, 383-388	2.3	41
36	Helium and carbon isotopic compositions of thermal springs in the earthquake zone of Sichuan, Southwestern China. <i>Journal of Asian Earth Sciences</i> , 2006 , 26, 533-539	2.8	40
35	Geochemistry of soil gas in the seismic fault zone produced by the Wenchuan Ms 8.0 earthquake, southwestern China. <i>Geochemical Transactions</i> , 2010 , 11, 5	3	32
34	Complex geometry and segmentation of the surface rupture associated with the 14 November 2001 great Kunlun earthquake, northern Tibet, China. <i>Tectonophysics</i> , 2005 , 407, 43-63	3.1	32
33	Radon emission from soil gases in the active fault zones in the Capital of China and its environmental effects. <i>Scientific Reports</i> , 2018 , 8, 16772	4.9	30
32	Ultrastable structure and luminescence properties of Y2O3 nanotubes. <i>Solid State Communications</i> , 2010 , 150, 1208-1212	1.6	26
31	Correlations between radon in soil gas and the activity of seismogenic faults in the Tangshan area, North China. <i>Radiation Measurements</i> , 2014 , 60, 8-14	1.5	22
30	Elastic properties of hydrous forsterites under high pressure: First-principle calculations. <i>Physics of the Earth and Planetary Interiors</i> , 2009 , 176, 89-97	2.3	22
29	Spatial Variations of Soil Gas Geochemistry in the Tangshan Area of Northern China. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2013 , 24, 323	1.8	19
28	Chemical characterization of naturally weathered oil residues in the sediment from Yellow River Delta, China. <i>Marine Pollution Bulletin</i> , 2011 , 62, 2469-75	6.7	19
27	High pressure X-ray diffraction study of ReS2. <i>Journal of Physics and Chemistry of Solids</i> , 2010 , 71, 1571-1575	3.5	18
26	Mantle volatiles in spring gases in the Basin and Range Province on the west of Beijing, China: Constraints from helium and carbon isotopes. <i>Journal of Volcanology and Geothermal Research</i> , 2016 , 309, 45-52	2.8	15
25	Study of high-pressure and high-temperature behaviors and E0-E phase transition of forsterite by first-principles and quasi-harmonic Debye model. <i>Computer Physics Communications</i> , 2008 , 179, 417-423	4.2	13

24	Geochemical characteristics of soil gas in the Yanhuai basin, northern China. <i>Earthquake Science</i> , 2009 , 22, 93-100	1.5	10
23	Elastic behavior of $(\text{Mg}_x\text{Fe}_{1-x})_2\text{SiO}_4$ olivine at high pressure from first-principles simulations. <i>Journal of Physics and Chemistry of Solids</i> , 2010 , 71, 1094-1097	3.9	8
22	Carbon monoxide degassing from seismic fault zones in the Basin and Range province, west of Beijing, China. <i>Journal of Asian Earth Sciences</i> , 2017 , 149, 41-48	2.8	7
21	Experimental evidence on formation of imminent and short-term hydrochemical precursors for earthquakes. <i>Applied Geochemistry</i> , 2010 , 25, 586-592	3.5	7
20	Hydrochemistry of the hot springs in western Sichuan province related to the Wenchuan MS 8.0 earthquake. <i>Scientific World Journal</i> , 2014 , 2014, 901432	2.2	6
19	Experimental study to confirm the existence of hydrocarbon under high pressure and temperature of deep lithosphere. <i>Science Bulletin</i> , 2006 , 51, 1633-1638		6
18	Differential stress effect on the structural and elastic properties of forsterite by first-principles simulation. <i>Physics of the Earth and Planetary Interiors</i> , 2014 , 233, 95-102	2.3	5
17	DISTRIBUTION AND ISOMERIZATION OF TERPANES IN PYROLYZATES OF LIGNITE AT HIGH PRESSURES AND TEMPERATURES. <i>Journal of Petroleum Geology</i> , 2012 , 35, 377-387	1.9	5
16	Effect of iron on high pressure elasticity of hydrous wadsleyite and ringwoodite by first-principles simulation. <i>High Pressure Research</i> , 2012 , 32, 385-395	1.6	5
15	Source apportionment and distribution of atmospheric mercury in urban Beijing, China. <i>Diqiu Huaxue</i> , 2010 , 29, 182-190		5
14	Evolutionary characteristics of aromatics under high pressure and temperature of deep lithosphere. <i>Science in China Series D: Earth Sciences</i> , 2007 , 50, 1488-1493		5
13	Effects of differential stress on the structure and Raman spectra of calcite from first-principles calculations. <i>American Mineralogist</i> , 2016 , 101, 1892-1897	2.9	5
12	First-principles study of the effect of water on the phase transitions in Mg_2SiO_4 forsterite. <i>High Pressure Research</i> , 2010 , 30, 318-324	1.6	4
11	Isotopic composition of helium in eclogite from the Dabie Mountains, central China and its geological significance. <i>Science Bulletin</i> , 1998 , 43, 1362-1366		4
10	The effect of pressure on the kinetics of anhydrite crystallization investigated by diamond anvil cell. <i>Journal of Crystal Growth</i> , 2015 , 410, 39-46	1.6	3
9	Carbon isotope variations in inorganic carbon materials: Implications for mud volcanic carbon cycling in the northern Tianshan fold zone, Xinjiang, China. <i>Applied Geochemistry</i> , 2018 , 97, 32-39	3.5	2
8	Significance of Prehistoric Liquefaction Features in the Xilinhot District, Inner Mongolia, Northern China. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2010 , 21, 767	1.8	2
7	Tectonic Controls on Near-Surface Variations in CH_4 and CO_2 Concentrations along the Northwestern Margin of the Ordos Block, China. <i>Geofluids</i> , 2019 , 2019, 1-10	1.5	1

6	Diffuse emission and transport of gaseous elemental mercury (GEM) in the Mapamyum geothermal system, Western Tibet (China). <i>Journal of Volcanology and Geothermal Research</i> , 2020 , 397, 106825	2.8	1
5	Compressional elastic wave velocities of serpentinized olivine-bearing pyroxenite up to 960°C at 1.0 GPa. <i>Journal of Physics Condensed Matter</i> , 2002 , 14, 11355-11358	1.8	1
4	Effect of iron on density and sound velocity of ringwoodite at high pressure and high temperature		1
3	Hydrogeochemical Characteristics of the Haiyuan-Liupanshan Seismic Belt at the Northeastern Edge of the Tibet Plateau. <i>Geofluids</i> , 2022 , 2022, 1-17	1.5	0
2	REE concentrations of garnet and omphacite in eclogites from the Dabie Mountain, central China. <i>Diqiu Huaxue</i> , 2013 , 32, 85-94		
1	Effects of high pressure and temperature on carbon isotope compositions of some acyclic alkanes and preservation of organic matter. <i>High Pressure Research</i> , 2012 , 1-13	1.6	