

Jun Zhou

List of Publications by Year in descending order

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39
papers

738
citations

567281

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526287

27
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40
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40
docs citations

40
times ranked

811
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental investigation of fracturing fluids on physico-mechanical damage properties of carbonates in block Shunbei. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2023, 45, 11060-11081.	2.3	0
2	Effect of natural filling fracture on the cracking process of shale Brazilian disc containing a central straight notched flaw. <i>Journal of Petroleum Science and Engineering</i> , 2021, 196, 107993.	4.2	19
3	A 1.4-kW Mode-Controllable Fiber Laser System. <i>Journal of Lightwave Technology</i> , 2021, 39, 2536-2541.	4.6	4
4	Research on the collapse pressure of an elliptical wellbore considering the effect of weak planes. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, 42, 2103-2119.	2.3	4
5	A 3D Grain-Based Model for Simulating the Micromechanical Behavior of Salt Rock. <i>Rock Mechanics and Rock Engineering</i> , 2020, 53, 2819-2837.	5.4	41
6	Thermal analysis of multilayer dielectric grating with high power laser irradiation. <i>AIP Advances</i> , 2020, 10, 055207.	1.3	3
7	1.27â€‰kW, 2.2â€‰GHz pseudo-random binary sequence phase modulated fiber amplifier with Brillouin gain-spectrum overlap. <i>Scientific Reports</i> , 2020, 10, 629.	3.3	33
8	A power function model for simulating creep mechanical properties of salt rock. <i>Journal of Central South University</i> , 2020, 27, 578-591.	3.0	9
9	Study on Fracture Morphological Characteristics of Refracturing for Longmaxi Shale Formation. <i>Geofluids</i> , 2020, 2020, 1-13.	0.7	19
10	Coherent beam combining of a nine-fiber laser array using an all-optical ring cavity feedback loop based on diffractive optical element. <i>Optical Engineering</i> , 2020, 59, .	1.0	1
11	1.36-kW Spectral-Narrowing Fiber Laser Seeded by Random Fiber Laser. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 1343-1346.	2.5	8
12	All-fiber continuous-wave Raman fiber oscillator operating at 2118â€‰nm. <i>Scientific Reports</i> , 2019, 9, 8221.	3.3	0
13	All-Fiberized Top-Hat Beam Shaper by Mode Content Control and Multimode Interference Suppression. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 238-241.	2.5	2
14	Experimental Investigation on Hydraulic Fracture Propagation of Carbonate Rocks under Different Fracturing Fluids. <i>Energies</i> , 2018, 11, 3502.	3.1	17
15	Numerical and Experimental Investigations of the Interactions between Hydraulic and Natural Fractures in Shale Formations. <i>Energies</i> , 2018, 11, 2541.	3.1	9
16	Heat Transfer Behaviors in Horizontal Wells Considering the Effects of Drill Pipe Rotation, and Hydraulic and Mechanical Frictions during Drilling Procedures. <i>Energies</i> , 2018, 11, 2414.	3.1	8
17	Analysis of wellbore stability considering the effects of bedding planes and anisotropic seepage during drilling horizontal wells in the laminated formation. <i>Journal of Petroleum Science and Engineering</i> , 2018, 170, 507-524.	4.2	38
18	Research on wellbore stress in under-balanced drilling horizontal wells considering anisotropic seepage and thermal effects. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 45, 338-357.	4.4	17

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19	302W triple-frequency, single-mode, linearly polarized Yb-doped all-fiber amplifier. High Power Laser Science and Engineering, 2017, 5, .	4.6	13
20	Dual-wavelength mode-locked thulium-doped fiber laser based on carbon nanotube. , 2016, , .		0
21	Tunable dual-wavelength passively mode-locked thulium-doped fiber laser using carbon nanotube. Optical Engineering, 2016, 55, 106115.	1.0	12
22	A model for analysis of wellbore stability considering the effects of weak bedding planes. Journal of Natural Gas Science and Engineering, 2015, 27, 1050-1062.	4.4	27
23	Seasonal characteristics of aerosol optical properties at the SKYNET Hefei site (31.90°N, 117.17°E) from 2007 to 2013. Journal of Geophysical Research D: Atmospheres, 2014, 119, 6128-6139.	3.3	39
24	Characteristics and Explanations of Interference Fading of a ϕ -OTDR With a Multi-Frequency Source. Journal of Lightwave Technology, 2013, 31, 2947-2954.	4.6	134
25	The Three-Dimensional Structure of Transatlantic African Dust Transport: A New Perspective from CALIPSO LIDAR Measurements. Advances in Meteorology, 2012, 2012, 1-9.	1.6	26
26	Impact of Phase Perturbation on Passive Phase-Locking Coherent Beam Combination. IEEE Photonics Technology Letters, 2012, 24, 655-657.	2.5	6
27	102W picosecond all fiber one-stage MOPA laser. , 2011, , .		0
28	Laser-induced fluorescence of fused silica irradiated by ArF excimer laser. Journal of Applied Physics, 2011, 110, 013107.	2.5	11
29	Impact of phase perturbation on passive phase locking of fiber laser array. , 2011, , .		0
30	Development of a coherent Doppler lidar to measure atmosphere windshear. , 2011, , .		1
31	1.75-Kilowatt continuous-wave output fiber laser using homemade ytterbium-doped large-core fiber. Microwave and Optical Technology Letters, 2010, 52, 1668-1671.	1.4	22
32	Study on the mixed layer, entrainment zone, and cloud feedback based on lidar exploration of Nanjing city. Geophysical Research Letters, 2009, 36, .	4.0	10
33	Influence of bending diameter on output capability of multimode fiber laser. Frontiers of Optoelectronics in China, 2008, 1, 91-94.	0.2	1
34	20W average power, high repetition rate, nanosecond pulse with diffraction limit from an all-fiber MOPA system. Microwave and Optical Technology Letters, 2008, 50, 2546-2549.	1.4	9
35	Experimental demonstration of phase locking of a two-dimensional fiber laser array using a self-imaging resonator. Applied Physics Letters, 2008, 92, 251115.	3.3	31
36	Detection of Aerosol Distribution by Atmospheric Environment Airborne Lidar over Qingdao and Adjacent Sea Area. Chinese Journal of Geophysics, 2007, 50, 358-364.	0.2	3

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37	New mobile Raman lidar for measurement of tropospheric water vapor. <i>Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities</i> , 2007, 2, 338-344.	0.6	0
38	A high-resolution numerical study of the Asian dust storms of April 2001. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	123
39	Lidar observations of Asian dust over Hefei, China, in spring 2000. <i>Journal of Geophysical Research</i> , 2002, 107, AAC 5-1.	3.3	38