

Jun Zhou

List of Publications by Year in descending order

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39
papers

738
citations

567281

15
h-index

526287

27
g-index

40
all docs

40
docs citations

40
times ranked

811
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics and Explanations of Interference Fading of a ϕ -OTDR With a Multi-Frequency Source. <i>Journal of Lightwave Technology</i> , 2013, 31, 2947-2954.	4.6	134
2	A high-resolution numerical study of the Asian dust storms of April 2001. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	123
3	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
4	Seasonal characteristics of aerosol optical properties at the SKYNET Hefei site (31.90°N, 117.17°E) from 2007 to 2013. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 6128-6139.	3.3	39
5	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
6	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
7	1.27 kW, 2.2 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	Experimental demonstration of phase locking of a two-dimensional fiber laser array using a self-imaging resonator. <i>Applied Physics Letters</i> , 2008, 92, 251115.	3.3	31
9	A model for analysis of wellbore stability considering the effects of weak bedding planes. <i>Journal of Natural Gas Science and Engineering</i> , 2015, 27, 1050-1062.	4.4	27
10	The Three-Dimensional Structure of Transatlantic African Dust Transport: A New Perspective from CALIPSO LIDAR Measurements. <i>Advances in Meteorology</i> , 2012, 2012, 1-9.	1.6	26
11	1.75-Kilowatt continuous-wave output fiber laser using homemade ytterbium-doped large-core fiber. <i>Microwave and Optical Technology Letters</i> , 2010, 52, 1668-1671.	1.4	22
12	Study on Fracture Morphological Characteristics of Refracturing for Longmaxi Shale Formation. <i>Geofluids</i> , 2020, 2020, 1-13.	0.7	19
13	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
14	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
15	Experimental Investigation on Hydraulic Fracture Propagation of Carbonate Rocks under Different Fracturing Fluids. <i>Energies</i> , 2018, 11, 3502.	3.1	17
16	302 W triple-frequency, single-mode, linearly polarized Yb-doped all-fiber amplifier. <i>High Power Laser Science and Engineering</i> , 2017, 5, .	4.6	13
17	Tunable dual-wavelength passively mode-locked thulium-doped fiber laser using carbon nanotube. <i>Optical Engineering</i> , 2016, 55, 106115.	1.0	12
18	Laser-induced fluorescence of fused silica irradiated by ArF excimer laser. <i>Journal of Applied Physics</i> , 2011, 110, 013107.	2.5	11

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19	Study on the mixed layer, entrainment zone, and cloud feedback based on lidar exploration of Nanjing city. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	10
20	20â€W average power, high repetition rate, nanosecond pulse with diffraction limit from an allâ€fiber MOPA system. <i>Microwave and Optical Technology Letters</i> , 2008, 50, 2546-2549.	1.4	9
21	Numerical and Experimental Investigations of the Interactions between Hydraulic and Natural Fractures in Shale Formations. <i>Energies</i> , 2018, 11, 2541.	3.1	9
22	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
23	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
24	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
25	Impact of Phase Perturbation on Passive Phase-Locking Coherent Beam Combination. <i>IEEE Photonics Technology Letters</i> , 2012, 24, 655-657.	2.5	6
26	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
27	A 1.4-kW Mode-Controllable Fiber Laser System. <i>Journal of Lightwave Technology</i> , 2021, 39, 2536-2541.	4.6	4
28	Detection of Aerosol Distribution by Atmospheric Environment Airborne Lidar over Qingdao and Adjacent Sea Area. <i>Chinese Journal of Geophysics</i> , 2007, 50, 358-364.	0.2	3
29	Thermal analysis of multilayer dielectric grating with high power laser irradiation. <i>AIP Advances</i> , 2020, 10, 055207.	1.3	3
30	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
31	Influence of bending diameter on output capability of multimode fiber laser. <i>Frontiers of Optoelectronics in China</i> , 2008, 1, 91-94.	0.2	1
32	Development of a coherent Doppler lidar to measure atmosphere windshear. , 2011, , .		1
33	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
34	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
35	102W picosecond all fiber one-stage MOPA laser. , 2011, , .		0
36	Impact of phase perturbation on passive phase locking of fiber laser array. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
37	Dual-wavelength mode-locked thulium-doped fiber laser based on carbon nanotube. , 2016, , .		0
38	All-fiber continuous-wave Raman fiber oscillator operating at 2118â€™nm. Scientific Reports, 2019, 9, 8221.	3.3	0
39	An experimental investigation of fracturing fluids on physico-mechanical damage properties of carbonates in block Shunbei. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2023, 45, 11060-11081.	2.3	0