

# Kai Chen

## List of Publications by Year in descending order

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20  
papers

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citations

1478505

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h-index

1372567

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g-index

21  
all docs

21  
docs citations

21  
times ranked

91  
citing authors

#	ARTICLE	IF	CITATIONS
1	Production Performance of Multiple-Fractured Horizontal Well Based on Potential Theory. Journal of Energy Resources Technology, Transactions of the ASME, 2022, 144, .	2.3	3
2	A new borehole electromagnetic receiver developed for controlled-source electromagnetic methods. Geoscientific Instrumentation, Methods and Data Systems, 2021, 10, 55-64.	1.6	0
3	Application of surface wave in reinforced concrete invert detection. IOP Conference Series: Earth and Environmental Science, 2021, 660, 012069.	0.3	1
4	Micro-ocean-bottom electromagnetic receiver for controlled-source electromagnetic and magnetotelluric data acquisition. Review of Scientific Instruments, 2021, 92, 044705.	1.3	3
5	Modeling and Performances of the Orthogonal Fluxgate Sensor Operated in Fundamental Mode. IEEE Transactions on Magnetics, 2020, 56, 1-7.	2.1	3
6	A compact ocean bottom electromagnetic receiver and seismometer. Geoscientific Instrumentation, Methods and Data Systems, 2020, 9, 213-222.	1.6	2
7	A marine controlled-source electromagnetic survey to detect gas hydrates in the Qiongdongnan Basin, South China Sea. Journal of Asian Earth Sciences, 2019, 171, 201-212.	2.3	13
8	Research on remote time synchronization technology in marine controlled-source electromagnetic. , 2019, , .		0
9	Arbitrary Frequency Table Transmission Technology for a High-Power Borehole- Ground Electromagnetic Transmitter. IEEE Access, 2018, 6, 11502-11507.	4.2	2
10	Multifunction Electromagnetic Transmitting System for Mineral Exploration. IEEE Transactions on Power Electronics, 2018, 33, 8288-8297.	7.9	13
11	Research on control technology of hardware parallelism for marine controlled source electromagnetic transmitter. Journal of Geophysics and Engineering, 2018, 15, 62-70.	1.4	1
12	Test Analysis of High-Power Multifunction Borehole-Ground Electromagnetic Transmitting System Under Field Conditions. IEEE Access, 2018, 6, 74847-74853.	4.2	1
13	A micro ocean-bottom E-field receiver. Geophysics, 2017, 82, E233-E241.	2.6	8
14	The deep-tow marine controlled-source electromagnetic transmitter system for gas hydrate exploration. Journal of Applied Geophysics, 2017, 137, 138-144.	2.1	27
15	Improved Data Preprocessing Algorithm for Time-Domain Induced Polarization Method with Digital Notch Filter. Acta Geophysica, 2016, 64, 2264-2288.	2.0	7
16	A seafloor electromagnetic receiver for marine magnetotellurics and marine controlled-source electromagnetic sounding. Applied Geophysics, 2015, 12, 317-326.	0.6	8
17	An ultralow-noise Ag/AgCl electric field sensor with good stability for marine EM applications. , 2013, , .		7
18	Application of CS3301 to the Long-Period MT Instrument. Chinese Journal of Geophysics, 2012, 55, 689-696.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Application of SoPC in High-precision Geoelectric Data Acquisition System. ASEG Extended Abstracts, 2010, 2010, 1-4.	0.1	0
20	Experimental Study of Marine Magnetotelluric in Southern Huanghai. Chinese Journal of Geophysics, 2009, 52, 440-450.	0.2	7