

Kai Chen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

107
citations

1478505

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h-index

1372567

10
g-index

21
all docs

21
docs citations

21
times ranked

91
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The deep-tow marine controlled-source electromagnetic transmitter system for gas hydrate exploration. <i>Journal of Applied Geophysics</i> , 2017, 137, 138-144. | 2.1 | 27 |
| 2 | Multifunction Electromagnetic Transmitting System for Mineral Exploration. <i>IEEE Transactions on Power Electronics</i> , 2018, 33, 8288-8297. | 7.9 | 13 |
| 3 | A marine controlled-source electromagnetic survey to detect gas hydrates in the Qiongdongnan Basin, South China Sea. <i>Journal of Asian Earth Sciences</i> , 2019, 171, 201-212. | 2.3 | 13 |
| 4 | A seafloor electromagnetic receiver for marine magnetotellurics and marine controlled-source electromagnetic sounding. <i>Applied Geophysics</i> , 2015, 12, 317-326. | 0.6 | 8 |
| 5 | A micro ocean-bottom E-field receiver. <i>Geophysics</i> , 2017, 82, E233-E241. | 2.6 | 8 |
| 6 | Experimental Study of Marine Magnetotelluric in Southern Huanghai. <i>Chinese Journal of Geophysics</i> , 2009, 52, 440-450. | 0.2 | 7 |
| 7 | An ultralow-noise Ag/AgCl electric field sensor with good stability for marine EM applications. , 2013, , . | | 7 |
| 8 | Improved Data Preprocessing Algorithm for Time-Domain Induced Polarization Method with Digital Notch Filter. <i>Acta Geophysica</i> , 2016, 64, 2264-2288. | 2.0 | 7 |
| 9 | Modeling and Performances of the Orthogonal Fluxgate Sensor Operated in Fundamental Mode. <i>IEEE Transactions on Magnetics</i> , 2020, 56, 1-7. | 2.1 | 3 |
| 10 | Micro-ocean-bottom electromagnetic receiver for controlled-source electromagnetic and magnetotelluric data acquisition. <i>Review of Scientific Instruments</i> , 2021, 92, 044705. | 1.3 | 3 |
| 11 | Production Performance of Multiple-Fractured Horizontal Well Based on Potential Theory. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2022, 144, . | 2.3 | 3 |
| 12 | Arbitrary Frequency Table Transmission Technology for a High-Power Borehole-€ Ground Electromagnetic Transmitter. <i>IEEE Access</i> , 2018, 6, 11502-11507. | 4.2 | 2 |
| 13 | A compact ocean bottom electromagnetic receiver and seismometer. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2020, 9, 213-222. | 1.6 | 2 |
| 14 | Application of CS3301 to the Long-Period MT Instrument. <i>Chinese Journal of Geophysics</i> , 2012, 55, 689-696. | 0.2 | 1 |
| 15 | Research on control technology of hardware parallelism for marine controlled source electromagnetic transmitter. <i>Journal of Geophysics and Engineering</i> , 2018, 15, 62-70. | 1.4 | 1 |
| 16 | Test Analysis of High-Power Multifunction Borehole-Ground Electromagnetic Transmitting System Under Field Conditions. <i>IEEE Access</i> , 2018, 6, 74847-74853. | 4.2 | 1 |
| 17 | Application of surface wave in reinforced concrete invert detection. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 660, 012069. | 0.3 | 1 |
| 18 | A new borehole electromagnetic receiver developed for controlled-source electromagnetic methods. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2021, 10, 55-64. | 1.6 | 0 |

| # | 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 | Research on remote time synchronization technology in marine controlled-source electromagnetic. , 2019, , . | | 0 |