

Zhengyi Ren

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

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1478505

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11
docs citations

11
times ranked

73
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A review of the development and application of space miniature mass spectrometers. Vacuum, 2018, 155, 108-117. | 3.5 | 31 |
| 2 | Review and prospect on portable mass spectrometer for recent applications. Vacuum, 2022, 199, 110889. | 3.5 | 19 |
| 3 | A new high precision, broad range gas micro-flow calibration apparatus. Vacuum, 2019, 164, 428-435. | 3.5 | 11 |
| 4 | Design of a Compact Time-of-Flight Mass Spectrometer for Space Application. Journal of the American Society for Mass Spectrometry, 2020, 31, 434-440. | 2.8 | 11 |
| 5 | Study on calibrating the quadrupole mass spectrometers with gas mixture. Measurement: Journal of the International Measurement Confederation, 2020, 164, 108099. | 5.0 | 10 |
| 6 | Simulated and developed an electron impact ionization source for space miniature time-of-flight mass spectrometer. Vacuum, 2020, 174, 109207. | 3.5 | 8 |
| 7 | Study on the characteristics of quadrupole mass spectrometer by the UHV partial pressure standard. Vacuum, 2021, 191, 110357. | 3.5 | 3 |
| 8 | Miniaturized time-of-flight mass spectrometer for lunar water detection. Vacuum, 2022, 204, 111312. | 3.5 | 3 |
| 9 | Research on measuring method of pumping speed for miniature sputter ion pump. Measurement: Journal of the International Measurement Confederation, 2022, 190, 110736. | 5.0 | 2 |
| 10 | Vacuum measurement of He based on Fabry-Perot cavity and constant pressure reference. Measurement: Sensors, 2021, 18, 100344. | 1.7 | 0 |
| 11 | A novel mobile navigation monitoring system based on single photon ionization time-of-flight mass spectrometry: Instrumentation development, performance and application. Vacuum, 2022, 203, 111316. | 3.5 | 0 |