

Zhengyi Ren

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4342150/publications.pdf>

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papers

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11
all docs

11
docs citations

11
times ranked

73
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Review and prospect on portable mass spectrometer for recent applications. Vacuum, 2022, 199, 110889.	3.5	19
3	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
4	Miniaturized time-of-flight mass spectrometer for lunar water detection. Vacuum, 2022, 204, 111312.	3.5	3
5	Study on the characteristics of quadrupole mass spectrometer by the UHV partial pressure standard. Vacuum, 2021, 191, 110357.	3.5	3
6	Vacuum measurement of He based on Fabry-Perot cavity and constant pressure reference. Measurement: Sensors, 2021, 18, 100344.	1.7	0
7	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
8	Study on calibrating the quadrupole mass spectrometers with gas mixture. Measurement: Journal of the International Measurement Confederation, 2020, 164, 108099.	5.0	10
9	Simulated and developed an electron impact ionization source for space miniature time-of-flight mass spectrometer. Vacuum, 2020, 174, 109207.	3.5	8
10	A new high precision, broad range gas micro-flow calibration apparatus. Vacuum, 2019, 164, 428-435.	3.5	11
11	A review of the development and application of space miniature mass spectrometers. Vacuum, 2018, 155, 108-117.	3.5	31