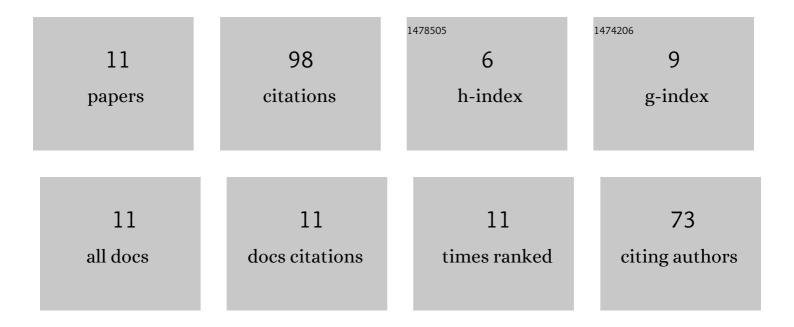
Zhengyi Ren

List of Publications by Year in descending order

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ZHENCYL REN

#	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