Steven Wright

List of Publications by Year
in descending order

12	397	1163117 8	1199594 12
papers	citations	h-index	g-index

12	12	12	426
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Shock-free ion transmission in a skimmer-based MEMS mass spectrometer vacuum interface. Journal of Micromechanics and Microengineering, 2021, 31, 045010.	2.6	4
2	Supersonic jet interactions with a micro-engineered skimmer. Journal of Micromechanics and Microengineering, 2018, 28, 085017.	2.6	3
3	MEMS mass spectrometers: the next wave of miniaturization. Journal of Micromechanics and Microengineering, 2016, 26, 023001.	2.6	40
4	A Microelectromechanical Systems-Enabled, Miniature Triple Quadrupole Mass Spectrometer. Analytical Chemistry, 2015, 87, 3115-3122.	6.5	51
5	Continuous flow reaction monitoring using an onâ€line miniature mass spectrometer. Rapid Communications in Mass Spectrometry, 2012, 26, 1999-2010.	1.5	118
6	A miniature mass spectrometer for liquid chromatography applications. Rapid Communications in Mass Spectrometry, 2011, 25, 3281-3288.	1.5	46
7	Miniature Mass Spectrometer Systems Based on a Microengineered Quadrupole Filter. Analytical Chemistry, 2010, 82, 1751-1758.	6.5	61
8	Microfabricated Quadrupole Mass Spectrometer With a Brubaker Prefilter. Journal of Microelectromechanical Systems, 2010, 19, 325-337.	2.5	27
9	MEMS-Based Nanospray-Ionization Mass Spectrometer. Journal of Microelectromechanical Systems, 2010, 19, 1430-1443.	2.5	23
10	Comparison of ion coupling strategies for a microengineered quadrupole mass filter. Journal of the American Society for Mass Spectrometry, 2009, 20, 146-156.	2.8	14
11	Photodesorption of disilane physisorbed on hydrogen terminated Si(100) and the dramatic consequences of weak molecular chemisorption. Journal of Chemical Physics, 2001, 114, 7228-7238.	3.0	8
12	Photochemistry of disilane adsorbed on a H terminated Si(100) surface. Journal of Chemical Physics, 1999, 111, 10287-10302.	3.0	2