

Steven Wright

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

397
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

426
citing authors

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