

Stephen A Lammert

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

611

citations

11

h-index

24

g-index

28

ext. papers

641

ext. citations

3.2

avg, IF

3.02

L-index

#	Paper	IF	Citations
28	Hand-portable gas chromatograph-toroidal ion trap mass spectrometer (GC-TMS) for detection of hazardous compounds. <i>Journal of the American Society for Mass Spectrometry</i> , 2008 , 19, 1425-34	3.5	204
27	Miniature toroidal radio frequency ion trap mass analyzer. <i>Journal of the American Society for Mass Spectrometry</i> , 2006 , 17, 916-922	3.5	112
26	Design, optimization and initial performance of a toroidal rf ion trap mass spectrometer. <i>International Journal of Mass Spectrometry</i> , 2001 , 212, 25-40	1.9	87
25	Design, development, and performance of a fieldable chemical and biological agent detector. <i>Field Analytical Chemistry and Technology</i> , 2000 , 4, 93-110		22
24	Determination of ion frequencies in a quadrupole ion trap by using a fast direct current pulse as pump and a laser probe. <i>Journal of the American Society for Mass Spectrometry</i> , 1994 , 5, 29-36	3.5	20
23	Experimental Investigation into the Performance of Ion Traps Using Air versus Helium as the Buffer Gas. <i>Rapid Communications in Mass Spectrometry</i> , 1996 , 10, 361-371	2.2	19
22	Thermospray liquid chromatography-mass spectrometry with a quadrupole ion trap mass spectrometer. <i>Biomedical Applications</i> , 1991 , 562, 3-11		19
21	Biological agent detection and identification by the Block II Chemical Biological Mass Spectrometer*. <i>Field Analytical Chemistry and Technology</i> , 2001 , 5, 177-184		18
20	A Lithographically Patterned Discrete Planar Electrode Linear Ion Trap Mass Spectrometer. <i>Journal of Microelectromechanical Systems</i> , 2013 , 22, 876-883	2.5	17
19	Reduction induced by ion beams: hydrogenation of nitrogen-containing heterocycles and quinones in molecular secondary ion mass spectrometry. <i>Journal of the American Chemical Society</i> , 1989 , 111, 5577-5583	16.4	17
18	Rapid analysis of organophosphonate compounds recovered from vinyl floor tile using vacuum extraction coupled with a fast-duty cycle GC/MS. <i>Analytical Methods</i> , 2013 , 5, 2227	3.2	11
17	Improved Miniaturized Linear Ion Trap Mass Spectrometer Using Lithographically Patterned Plates and Tapered Ejection Slit. <i>Journal of the American Society for Mass Spectrometry</i> , 2018 , 29, 213-222	3.5	8
16	Radiofrequency trapping of ions in a pure toroidal potential distribution. <i>International Journal of Mass Spectrometry</i> , 2016 , 395, 20-26	1.9	8
15	A Microscale Planar Linear Ion Trap Mass Spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , 2019 , 30, 482-488	3.5	8
14	Automated thermochemolysis reactor for detection of Bacillus anthracis endospores by gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2013 , 775, 67-74	6.6	5
13	1996 Directory of Mass Spectrometry Manufacturers and Suppliers. <i>Rapid Communications in Mass Spectrometry</i> , 1996 , 10, 597-618	2.2	5
12	Optimal fabrication methods for miniature coplanar ion traps. <i>Rapid Communications in Mass Spectrometry</i> , 2018 , 32, 289-294	2.2	5

11	Advances in field-portable ion trap GC/MS instrumentation 2012 ,		4
10	1995 directory of mass spectrometry manufacturers and suppliers. <i>Rapid Communications in Mass Spectrometry</i> , 1995 , 9, 461-487	2.2	4
9	1994 Directory of mass spectrometry manufacturers and suppliers. <i>Rapid Communications in Mass Spectrometry</i> , 1994 , 8, 343-357	2.2	4
8	Double resonance ejection using novel radiofrequency phase tracking circuitry in a miniaturized planar linear ion trap mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 2018 , 32, 2024-2030	2.2	3
7	1998 directory of mass spectrometry manufacturers and suppliers. <i>Rapid Communications in Mass Spectrometry</i> , 1998 , 12, 495-507	2.2	3
6	The Development of the Block II Chemical Biological Mass Spectrometer 2006 , 61-89		2
5	1999 directory of mass spectrometry manufacturers and suppliers. <i>Rapid Communications in Mass Spectrometry</i> , 1999 , 13, 831-844	2.2	2
4	Field Portable Mass Spectrometry. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2014 , 83-98	0.1	2
3	Extended mass range detection with a microscale planar linear ion trap mass spectrometer. <i>International Journal of Mass Spectrometry</i> , 2019 , 440, 1-3	1.9	1
2	2000 Directory of mass spectrometry manufacturers and suppliers. <i>Rapid Communications in Mass Spectrometry</i> , 2000 , 14, 725-39	2.2	1
1	Ion Traps with Circular Geometries 2010 , 373-398		