

# Stephen A Lammert

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

667  
citations

840776

11  
h-index

580821

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

458  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 1425-1434.	2.8	225
2	Miniature toroidal radio frequency ion trap mass analyzer. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 916-922.	2.8	115
3	Design, optimization and initial performance of a toroidal rf ion trap mass spectrometer. <i>International Journal of Mass Spectrometry</i> , 2001, 212, 25-40.	1.5	90
4	Biological agent detection and identification by the Block II Chemical Biological Mass Spectrometer. <i>Field Analytical Chemistry and Technology</i> , 2001, 5, 177-184.	0.8	26
5	Design, development, and performance of a fieldable chemical and biological agent detector. <i>Field Analytical Chemistry and Technology</i> , 2000, 4, 93-110.	0.8	24
6	Thermospray liquid chromatography-mass spectrometry with a quadrupole ion trap mass spectrometer. <i>Biomedical Applications</i> , 1991, 562, 3-11.	1.7	23
7	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.	2.8	22
8	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.	1.5	21
9	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.	13.7	18
10	A Lithographically Patterned Discrete Planar Electrode Linear Ion Trap Mass Spectrometer. <i>Journal of Microelectromechanical Systems</i> , 2013, 22, 876-883.	2.5	18
11	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.	2.7	12
12	A Microscale Planar Linear Ion Trap Mass Spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 482-488.	2.8	11
13	Radiofrequency trapping of ions in a pure toroidal potential distribution. <i>International Journal of Mass Spectrometry</i> , 2016, 395, 20-26.	1.5	9
14	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.	2.8	8
15	1996 Directory of Mass Spectrometry Manufacturers and Suppliers. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 597-618.	1.5	6
16	Automated thermochemolysis reactor for detection of <i>Bacillus anthracis</i> endospores by gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 775, 67-74.	5.4	6
17	Optimal fabrication methods for miniature coplanar ion traps. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 289-294.	1.5	5
18	1994 Directory of mass spectrometry manufacturers and suppliers. <i>Rapid Communications in Mass Spectrometry</i> , 1994, 8, 343-357.	1.5	4

#	ARTICLE	IF	CITATIONS
19	1995 directory of mass spectrometry manufacturers and suppliers. Rapid Communications in Mass Spectrometry, 1995, 9, 461-487.	1.5	4
20	The Development of the Block II Chemical Biological Mass Spectrometer. , 2006, , 61-89.		4
21	Advances in field-portable ion trap GC/MS instrumentation. Proceedings of SPIE, 2012, , .	0.8	4
22	1998 directory of mass spectrometry manufacturers and suppliers. Rapid Communications in Mass Spectrometry, 1998, 12, 495-507.	1.5	3
23	Double resonance ejection using novel radiofrequency phase tracking circuitry in a miniaturized planar linear ion trap mass spectrometer. Rapid Communications in Mass Spectrometry, 2018, 32, 2024-2030.	1.5	3
24	1999 directory of mass spectrometry manufacturers and suppliers. Rapid Communications in Mass Spectrometry, 1999, 13, 831-844.	1.5	2
25	Field Portable Mass Spectrometry. NATO Science for Peace and Security Series A: Chemistry and Biology, 2014, , 83-98.	0.5	2
26	2000 Directory of Mass Spectrometry Manufacturers and Suppliers. , 2000, 14, 725-739.		1
27	Extended mass range detection with a microscale planar linear ion trap mass spectrometer. International Journal of Mass Spectrometry, 2019, 440, 1-3.	1.5	1
28	Ion Traps with Circular Geometries. , 2010, , 373-398.		0