

# Erik Bunert

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6421098/publications.pdf>

Version: 2024-02-01

11  
papers

89  
citations

1478280

6  
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1474057

9  
g-index

11  
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11  
docs citations

11  
times ranked

79  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion mobility spectrometer with orthogonal X-Ray source for increased sensitivity. <i>Talanta</i> , 2018, 185, 537-541.	2.9	19
2	Shutterless ion mobility spectrometer with fast pulsed electron source. <i>Review of Scientific Instruments</i> , 2017, 88, 024102.	0.6	16
3	Fast pulsed operation of a small non-radioactive electron source with continuous emission current control. <i>Review of Scientific Instruments</i> , 2015, 86, 065102.	0.6	14
4	Improving the analytical performance of ion mobility spectrometer using a non-radioactive electron source. <i>International Journal for Ion Mobility Spectrometry</i> , 2016, 19, 175-182.	1.4	10
5	Comparison of spatial ion distributions from different ionization sources. <i>International Journal for Ion Mobility Spectrometry</i> , 2019, 22, 21-29.	1.4	10
6	Electron capture detector based on a non-radioactive electron source: operating parameters vs. Analytical performance. <i>Journal of Sensors and Sensor Systems</i> , 2017, 6, 381-387.	0.6	6
7	Non-radioactive electron capture detector for gas chromatography – A possible replacement for radioactive detectors. <i>Journal of Chromatography A</i> , 2019, 1606, 460384.	1.8	5
8	Electron Capture Detector with Non-Radioactive Electron Source. <i>Proceedings (mdpi)</i> , 2017, 1, 443.	0.2	3
9	Non-radioactive electron source with nanosecond pulse modulation for atmospheric pressure chemical ionization. <i>Review of Scientific Instruments</i> , 2019, 90, 113306.	0.6	3
10	Silicon field emitter arrays produced via wafer dicing. , 2017, , .		2
11	Pulsed electron source for atmospheric pressure chemical ionization in ion mobility spectrometry. , 2017, , .		1