

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7320060/anyin-li-publications-by-citations.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29 papers	825 citations	15 h-index	28 g-index
31 ext. papers	960 ext. citations	8.7 avg, IF	4.16 L-index

#	Paper	IF	Citations
29	Triboelectric nanogenerators for sensitive nano-coulomb molecular mass spectrometry. <i>Nature Nanotechnology</i> , 2017 , 12, 481-487	28.7	183
28	Paper spray ionization of polar analytes using non-polar solvents. <i>Chemical Communications</i> , 2011 , 47, 2811-3	5.8	94
27	Synthesis and catalytic reactions of nanoparticles formed by electrospray ionization of coinage metals. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 3147-50	16.4	71
26	Analysis of polycyclic aromatic hydrocarbons using desorption atmospheric pressure chemical ionization coupled to a portable mass spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , 2015 , 26, 271-80	3.5	55
25	Direct analysis of 4-methylimidazole in foods using paper spray mass spectrometry. <i>Analyst, The</i> , 2013 , 138, 4624-30	5	55
24	Hand-held portable desorption atmospheric pressure chemical ionization ion source for in situ analysis of nitroaromatic explosives. <i>Analytical Chemistry</i> , 2015 , 87, 10047-55	7.8	39
23	In situ analysis of corrosion inhibitors using a portable mass spectrometer with paper spray ionization. <i>Analyst, The</i> , 2013 , 138, 3740-8	5	39
22	On-demand ambient ionization of picoliter samples using charge pulses. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6893-5	16.4	39
21	Peptide cross-linking at ambient surfaces by reactions of nanosprayed molecular cations. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 9417-21	16.4	38
20	Using ambient ion beams to write nanostructured patterns for surface enhanced Raman spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12528-31	16.4	23
19	Atmospheric Pressure Drift Tube Ion Mobility-Orbitrap Mass Spectrometry: Initial Performance Characterization. <i>Analytical Chemistry</i> , 2017 , 89, 11301-11309	7.8	21
18	Hydrocarbon analysis using desorption atmospheric pressure chemical ionization. <i>International Journal of Mass Spectrometry</i> , 2013 , 345-347, 80-88	1.9	20
17	Metallic Nanobrushes Made using Ambient Droplet Sprays. <i>Advanced Materials</i> , 2016 , 28, 2223-8	24	20
16	Robotic Surface Analysis Mass Spectrometry (RoSA-MS) of Three-Dimensional Objects. <i>Analytical Chemistry</i> , 2018 , 90, 3981-3986	7.8	17
15	Peptide Cross-Linking at Ambient Surfaces by Reactions of Nanosprayed Molecular Cations. <i>Angewandte Chemie</i> , 2012 , 124, 9551-9555	3.6	16
14	Using Ambient Ion Beams to Write Nanostructured Patterns for Surface Enhanced Raman Spectroscopy. <i>Angewandte Chemie</i> , 2014 , 126, 12736-12739	3.6	15
13	Nucleophilic addition of nitrogen to aryl cations: mimicking Titan chemistry. <i>Journal of the American Society for Mass Spectrometry</i> , 2013 , 24, 1745-54	3.5	14

12	Synthesis and Catalytic Reactions of Nanoparticles formed by Electrospray Ionization of Coinage Metals. <i>Angewandte Chemie</i> , 2014 , 126, 3211-3214	3.6	10
11	Triboelectric Nanogenerator (TENG) Mass Spectrometry of Falsified Antimalarials. <i>Rapid Communications in Mass Spectrometry</i> , 2018 , 32, 1585	2.2	9
10	Sizing sub-diffraction limit electrosprayed droplets by structured illumination microscopy. <i>Analyst, The</i> , 2017 , 143, 232-240	5	8
9	A paradigm shift fully self-powered long-distance wireless sensing solution enabled by discharge-induced displacement current. <i>Science Advances</i> , 2021 , 7, eabi6751	14.3	8
8	Measurement of the Proton Affinities of a Series of Mono- and Biradicals of Pyridine. <i>Journal of the American Chemical Society</i> , 2020 , 142, 8679-8687	16.4	6
7	Conversion of Ethanol via C-C Splitting on Noble Metal Surfaces in Room-Temperature Liquid-Phase. <i>Journal of the American Chemical Society</i> , 2019 , 141, 9444-9447	16.4	5
6	Compositional characterization of complex protopeptide libraries via triboelectric nanogenerator Orbitrap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019 , 33, 1293-1300	2.2	5
5	On-Demand Ambient Ionization of Picoliter Samples Using Charge Pulses. <i>Angewandte Chemie</i> , 2015 , 127, 6997-6999	3.6	5
4	Aerosol Vacuum-Assisted Plasma Ionization (Aero-VaPI) Coupled to Ion Mobility-Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2018 , 29, 635-639	3.5	3
3	Nested-channel for on-demand alternation between electrospray ionization regimes. <i>Chemical Science</i> , 2020 , 12, 1907-1914	9.4	3
2	Femtoamp and picoamp modes of electrospray and paper spray ionization. <i>International Journal of Mass Spectrometry</i> , 2021 , 469, 116696	1.9	2
1	Conducting and characterizing femto flow electrospray ionization.. <i>Analyst, The</i> , 2022 , 147, 1071-1075	5	1