

Dilshadbek T Usmanov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Development of probe electrospray using a solid needle. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3139-3144.	1.5	282
2	A determination of the stabilities of $H+3(H_2)_n$ with $n=1\text{--}9$ from measurements of the gas-phase ion equilibria $H+3(H_2)_{n+1}+H_2=H+3(H_2)_n$. <i>Journal of Chemical Physics</i> , 1987, 87, 4048-4055.	3.0	107
3	Ambient imaging mass spectrometry by electrospray ionization using solid needle as sampling probe. <i>Journal of Mass Spectrometry</i> , 2009, 44, 1469-1477.	1.6	105
4	A determination of the stabilities of $O+2(O_2)_n$ and $O_2^+(O_2)_n$ with $n=1\text{--}8$ from measurements of the gas-phase ion equilibria. <i>Journal of Chemical Physics</i> , 1988, 89, 3190-3194.	3.0	88
5	A determination of the stabilities of $N+2(N_2)_n$ and $O+2(N_2)_n$ with $n=1\text{--}11$ from measurements of the gas-phase ion equilibria. <i>Journal of Chemical Physics</i> , 1988, 88, 7709-7714.	3.0	84
6	Characteristics of Probe Electrospray Generated from a Solid Needle. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11164-11170.	2.6	79
7	Formation and stabilities of cluster ions Ar^+_n . <i>Journal of Chemical Physics</i> , 1989, 90, 7143-7149.	3.0	77
8	Detection of biomolecules from solutions with high concentration of salts using probe electrospray and nano-electrospray ionization mass spectrometry. <i>Analytical Methods</i> , 2010, 2, 1905.	2.7	76
9	Application of probe electrospray to direct ambient analysis of biological samples. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 2366-2374.	1.5	66
10	Sequential and Exhaustive Ionization of Analytes with Different Surface Activity by Probe Electrospray Ionization. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 1493-1500.	2.8	65
11	Analysis of Renal Cell Carcinoma as a First Step for Developing Mass Spectrometry-Based Diagnostics. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 1741-1749.	2.8	61
12	Physical properties of the probe electrospray ionization (PESI) needle applied to the biological samples. <i>Journal of Mass Spectrometry</i> , 2009, 44, 978-985.	1.6	59
13	Direct profiling of phytochemicals in tulip tissues and in vivo monitoring of the change of carbohydrate content in tulip bulbs by probe electrospray ionization mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 2304-2311.	2.8	59
14	A determination of the stabilities and structures of $F_2^+(C_6H_6)$ and $F_2^+(C_6F_6)$ clusters. <i>Journal of Chemical Physics</i> , 1987, 86, 4102-4105.	3.0	57
15	Stability of rare gas cluster ions. <i>Journal of Chemical Physics</i> , 1990, 92, 4408-4416.	3.0	53
16	Stability and structure of benzene dimer cation $(C_6H_6)_2^+$ in the gas phase. <i>Journal of Chemical Physics</i> , 1991, 95, 8413-8418.	3.0	50
17	Isotope effect and nature of bonding in the cluster ions $H+3(Ar)_n$ and $D+3(Ar)_n$. <i>Journal of Chemical Physics</i> , 1989, 91, 4821-4826.	3.0	48
18	Detection of protein from detergent solutions by probe electrospray ionization mass spectrometry (PESI-MS). <i>Journal of Mass Spectrometry</i> , 2011, 46, 967-975.	1.6	44

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19	Real-time reaction monitoring by probe electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1507-1513.	1.5	43
20	Direct detection of trace level illicit drugs in human body fluids by probe electrospray ionization mass spectrometry (PESI-MS). <i>Analytical Methods</i> , 2013, 5, 4731.	2.7	43
21	Characteristic Changes of Bond Energies for Gas-Phase Cluster Ions of Halide Ions with Methane and Chloromethanes. <i>Journal of Physical Chemistry A</i> , 2001, 105, 4887-4893.	2.5	41
22	Observation of the fullerene anions C ₆₀ ⁻ and C ₇₀ ⁻ by electrospray ionization. <i>Rapid Communications in Mass Spectrometry</i> , 1992, 6, 254-256.	1.5	40
23	Real-time diagnosis of chemically induced hepatocellular carcinoma using a novel mass spectrometry-based technique. <i>Analytical Biochemistry</i> , 2013, 441, 32-37.	2.4	39
24	Stability and structure of cluster ions: Halide ions with CO ₂ . <i>Journal of Chemical Physics</i> , 1987, 87, 3647-3652.	3.0	35
25	Electrospray interface for liquid chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1990, 4, 519-526.	1.5	35
26	Leidenfrost Phenomenon-assisted Thermal Desorption (LPTD) and Its Application to Open Ion Sources at Atmospheric Pressure Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 341-347.	2.8	35
27	Development of ambient sampling chemi/chemical ion source with dielectric barrier discharge. <i>Journal of Mass Spectrometry</i> , 2010, 45, 861-869.	1.6	34
28	Direct analysis of anabolic steroids in urine using Leidenfrost phenomenon assisted thermal desorption-dielectric barrier discharge ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 839, 1-7.	5.4	32
29	Trace Level Detection of Explosives in Solution Using Leidenfrost Phenomenon Assisted Thermal Desorption Ambient Mass Spectrometry. <i>Mass Spectrometry</i> , 2013, 2, S0008-S0008.	0.6	30
30	Piezoelectric inkjet assisted rapid electrospray ionization mass spectrometric analysis of metabolites in plant single cells via a direct sampling probe. <i>Analyst, The</i> , 2014, 139, 5734-5739.	3.5	30
31	Negative-mode electrospray-mass spectrometry using nonaqueous solvents. <i>Rapid Communications in Mass Spectrometry</i> , 1992, 6, 265-268.	1.5	29
32	Flash Desorption/Mass Spectrometry for the Analysis of Less- and Nonvolatile Samples Using a Linearly Driven Heated Metal Filament. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 1727-1735.	2.8	29
33	A new liquid chromatography/mass spectrometry interface: laser spray. <i>Rapid Communications in Mass Spectrometry</i> , 1998, 12, 1170-1174.	1.5	26
34	A comparative study of laser spray and electrospray. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1558-1562.	1.5	24
35	How are nitrogen molecules bound to NO ₂ ⁺ and NO ⁺ ?. <i>Journal of Chemical Physics</i> , 1989, 90, 3268-3273.	3.0	23
36	Development of double cylindrical dielectric barrier discharge ion source. <i>Analyst, The</i> , 2011, 136, 1210.	3.5	23

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37	Development of sheath-flow probe electrospray ionization (SF-PESI). <i>Journal of Mass Spectrometry</i> , 2013, 48, 823-829.	1.6	23
38	Species-selectivity effects in the production of electrospray ions. <i>Rapid Communications in Mass Spectrometry</i> , 1993, 7, 363-373.	1.5	22
39	Application of electrospray ionization to the observation of higher fullerene anions. <i>Rapid Communications in Mass Spectrometry</i> , 1993, 7, 1077-1081.	1.5	22
40	Mass spectrometry of rhenium complexes: a comparative study by using LDI-MS, MALDI-MS, PESI-MS and ESI-MS. <i>Journal of Mass Spectrometry</i> , 2012, 47, 313-321.	1.6	22
41	Atmospheric pressure chemical ionization of explosives using alternating current corona discharge ion source. <i>Journal of Mass Spectrometry</i> , 2015, 50, 651-661.	1.6	22
42	Formation of the chelate bonds in the cluster $O_n^{+2}(CO_2)_n$, $CO_n^{+3}(CO_2)_n$, and $NO_n^{+2}(CO_2)_n$. <i>Journal of Chemical Physics</i> , 1992, 97, 643-650.	3.0	21
43	Atmospheric-pressure Penning ionization of aliphatic hydrocarbons. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 3213-3222.	1.5	21
44	Mass Spectrometric Detection of Gaseous Hydrogen Peroxide in Ambient Air Using Dielectric Barrier Discharge as an Excitation Source. <i>Chemistry Letters</i> , 2009, 38, 520-521.	1.3	20
45	Probe Electrospray Ionization Mass Spectrometry with Discontinuous Atmospheric Pressure Interface. <i>European Journal of Mass Spectrometry</i> , 2015, 21, 327-334.	1.0	20
46	Cluster ions: Gas-phase stabilities of $NO_n^+(O_2)_n$ and $NO_n^+(CO_2)_n$ with $n=1-5$. <i>Journal of Chemical Physics</i> , 1991, 95, 6800-6805.	3.0	19
47	How are ions formed from electrosprayed charged liquid droplets?. <i>Rapid Communications in Mass Spectrometry</i> , 1992, 6, 463-468.	1.5	19
48	Online Electrospray Ionization Mass Spectrometric Monitoring of Protease-Catalyzed Reactions in Real Time. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 728-735.	2.8	19
49	Stabilities of the $N_3^+(N_2)_n$ cluster ions with $n=1-11$. <i>Chemical Physics Letters</i> , 1989, 154, 139-142.	2.6	18
50	Vapor phase detection of hydrogen peroxide with ambient sampling chemi/chemical ionization mass spectrometry. <i>Analytical Methods</i> , 2010, 2, 897.	2.7	18
51	Development of high-pressure probe electrospray ionization for aqueous solution. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 68-74.	1.5	18
52	Alternating current corona discharge/atmospheric pressure chemical ionization for mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 2760-2766.	1.5	18
53	Detection of explosives using a hollow cathode discharge ion source. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 601-610.	1.5	18
54	Gas-Phase Stability and Structure of the Cluster Ions $CF_3^+(CO)_n$, $CF_3^+(N_2)_n$, $CF_3^+(CF_4)_n$, and $CF_4H^+(CF_4)_n$. <i>The Journal of Physical Chemistry</i> , 1996, 100, 5245-5251.	2.9	17

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55	Explosive Vaporization of a Liquid Water Beam by Irradiation with a 10.6 μ m Infrared Laser. Rapid Communications in Mass Spectrometry, 1997, 11, 474-478.	1.5	17
56	Anomalous Change of Bond Energies in the Cluster Ion $N_2H+(H_2)_n$. Journal of Physical Chemistry A, 1998, 102, 1214-1218.	2.5	17
57	Desorption Mass Spectrometry for Nonvolatile Compounds Using an Ultrasonic Cutter. Journal of the American Society for Mass Spectrometry, 2014, 25, 1177-1180.	2.8	17
58	Low-pressure barrier discharge ion source using air as a carrier gas and its application to the analysis of drugs and explosives. Journal of Mass Spectrometry, 2016, 51, 132-140.	1.6	17
59	Probe Electrospray Ionization (PESI) and Its Modified Versions: Dipping PESI (dPESI), Sheath-Flow PESI (sfPESI) and Adjustable sfPESI (ad-sfPESI). Mass Spectrometry, 2020, 9, A0092-A0092.	0.6	17
60	Water-soluble (Pterin)rhenium(I) Complex: Synthesis, Structural Characterization, and Two Reversible Protonation-Deprotonation Behavior in Aqueous Solutions. European Journal of Inorganic Chemistry, 2012, 2012, 4801-4810.	2.0	16
61	Dipping probe electrospray ionization/mass spectrometry for direct on-site and low-invasive food analysis. Food Chemistry, 2018, 260, 53-60.	8.2	16
62	Identification of Copper(II)-Lactate Complexes in Cu_2O Electrodeposition Baths: Deprotonation of the β -Hydroxyl Group in Highly Concentrated Alkaline Solution. Journal of the Electrochemical Society, 2018, 165, D444-D451.	2.9	16
63	Temperature dependence of reactions of N_4^+ and N_3^+ with O_2 in the range 552-64 K. Journal of Chemical Physics, 1989, 91, 6071-6076.	3.0	15
64	Hydrogen bonds in gas-phase clusters between halide ions and olefins. Journal of the American Society for Mass Spectrometry, 2001, 12, 144-149.	2.8	15
65	Gas-phase ion/molecule reactions in octafluorocyclobutane. Journal of Chemical Physics, 2002, 116, 7574-7582.	3.0	15
66	Cluster ion formation of alkali halides by electrospray droplet impact. International Journal of Mass Spectrometry, 2008, 269, 95-100.	1.5	15
67	Development of a Remote-from-Plasma Dielectric Barrier Discharge Ion Source and Its Application to Explosives. Journal of the Mass Spectrometry Society of Japan, 2010, 58, 215-220.	0.1	15
68	On the formation of the isomeric cluster ions $(CO)_n^+$. Journal of Chemical Physics, 1991, 94, 2697-2703.	3.0	14
69	Remote sampling mass spectrometry for dry samples: Sheath-flow probe electrospray ionization (PESI) using a gel-loading tip inserted with an acupuncture needle. Rapid Communications in Mass Spectrometry, 2018, 32, 407-413.	1.5	14
70	Measurements of Plasma Parameters in β High-Frequency Glow Discharge Using the Orifice Probe. Japanese Journal of Applied Physics, 1971, 10, 339-344.	1.5	13
71	Direct detection of morphine in human urine by surface-ionization mass spectrometry. European Journal of Mass Spectrometry, 2020, 26, 153-157.	1.0	13
72	Gas-phase solvation of NO^+ , O_2^+ , N_2O^+ , N_2OH^+ , and H_3O^+ with N_2O . Journal of Chemical Physics, 1994, 101, 4073-4082.	3.0	12

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73	Component Profiling in Agricultural Applications Using an Adjustable Acupuncture Needle for Sheath-Flow Probe Electrospray Ionization/Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3275-3283.	5.2	12
74	Bond energy oscillation in the cluster ion $\text{NO}+(\text{NO})_n$. <i>Journal of Chemical Physics</i> , 1996, 105, 9068-9071.	3.0	11
75	Estimation of useful yields for electrospray droplet impact/secondary ion mass spectrometry (EDI/SIMS). <i>Surface and Interface Analysis</i> , 2013, 45, 968-972.	1.8	11
76	Desorption of low-volatility compounds induced by dynamic friction between microdroplets and an ultrasonically vibrating blade. <i>Analyst</i> , 2016, 141, 1398-1404.	3.5	11
77	Electrochemical Reduction and Highly-Sensitive Analysis of Iodine in Electrospray Mass Spectrometry.. <i>Journal of the Mass Spectrometry Society of Japan</i> , 1995, 43, 77-83.	0.1	11
78	Innovations in Analytical Oncology - Status quo of Mass Spectrometry-Based Diagnostics for Malignant Tumor. <i>Journal of Analytical Oncology</i> , 2012, 1, 74-80.	0.1	11
79	Experimental and Theoretical Studies of Gas-Phase Ion/Molecule Reactions in SiF_4 Forming $\text{SiF}_m+(\text{SiF}_4)_n$ Clusters ($m=0\text{--}3$ and $n=0\text{--}2$). <i>Journal of Physical Chemistry A</i> , 1999, 103, 568-572.	2.5	10
80	Application of surface ionization methods for highly sensitive and selective analysis of benzodiazepine derivatives. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 1125-1133.	2.8	10
81	Quantitative Aspects of Atmospheric-Pressure Penning Ionization. <i>Journal of the Mass Spectrometry Society of Japan</i> , 2010, 58, 211-213.	0.1	10
82	Mass spectrometric monitoring of oxidation of aliphatic $\text{C}_6\text{--}8$ hydrocarbons and ethanol in low pressure oxygen and air plasmas. <i>Journal of Mass Spectrometry</i> , 2016, 51, 1187-1195.	1.6	10
83	Non-proximate mass spectrometry using a heated 1-m long PTFE tube and an air-tight APCI ion source. <i>Analytica Chimica Acta</i> , 2017, 973, 59-67.	5.4	10
84	Negative-mode mass spectrometric study on dc corona, ac corona and dielectric barrier discharge ionization in ambient air containing H_2O_2 , 2,4,6-trinitrotoluene (TNT), and 1,3,5-trinitroperhydro-1,3,5-triazine (RDX). <i>International Journal of Mass Spectrometry</i> , 2021, 459, 116440.	1.5	10
85	Surface-ionization Mass Spectrometry of Opium Alkaloids. <i>Chemistry of Natural Compounds</i> , 2003, 39, 489-494.	0.8	9
86	Desorption in Mass Spectrometry. <i>Mass Spectrometry</i> , 2017, 6, S0059-S0059.	0.6	9
87	Sheath-flow probe electrospray ionization (sfPESI) mass spectrometry for the rapid forensic analysis of human body fluids. <i>Analytical Methods</i> , 2019, 11, 3633-3640.	2.7	9
88	Point Analysis of Foods by Sheath-Flow Probe Electrospray Ionization/Mass Spectrometry (sfPESI/MS) Coupled with a Touch Sensor. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 418-425.	5.2	9
89	Pulsed Nano-Electrospray Ionization with a High Voltage (4000 V) Pulse Applied to Solutions in the Range of 200 ns to 1 ms. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 693-699.	2.8	9
90	Low-energy Ar neutral beam etching method for x-ray photoelectron spectroscopy. <i>Surface and Interface Analysis</i> , 1994, 21, 778-784.	1.8	8

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91	How is the Fluoride Ion Bound to O ₂ , N ₂ , and CO Molecules?. Journal of Physical Chemistry A, 1998, 102, 6916-6920.	2.5	8
92	Analysis of omnoponum by surface-ionization mass spectrometry and liquid chromatography tandem mass spectrometry methods. Journal of Pharmaceutical and Biomedical Analysis, 2010, 53, 1058-1062.	2.8	8
93	Discontinuous atmospheric pressure interface for mass spectrometry using a solenoid pulse valve. Rapid Communications in Mass Spectrometry, 2016, 30, 1870-1874.	1.5	8
94	Direct and Real-Time Surface Analysis and Imaging of Biological Samples by Probe Electrospray. Journal of Surface Analysis (Online), 2009, 15, 279-282.	0.1	8
95	Gas-phase stability of cluster ions SF _m ⁺ + (SF ₆) _n with m = 0â€“5 and n = 1â€“3. Journal of the American Society for Mass Spectrometry, 1995, 6, 1137-1142.	2.8	7
96	Pulsed probe electrospray and nano-electrospray: the temporal profiles of ion formation from the Taylor cone. Analytical Methods, 2017, 9, 4958-4963.	2.7	7
97	On the Structure and Stability of Gas-Phase Cluster Ions SiF ₃ ⁺ (CO) _n , SiF ₃ OH ₂ ⁺ (SiF ₄) _n , SiF ₄ H ⁺ (SiF ₄) _n , and F-(SiF ₄) _n . Journal of Physical Chemistry A, 2000, 104, 8353-8359.	2.5	6
98	Nitrogen incorporation in saturated aliphatic C ₆ â€“C ₈ hydrocarbons and ethanol in lowâ€“pressure nitrogen plasma generated by a hollow cathode discharge ion source. Journal of Mass Spectrometry, 2016, 51, 446-452.	1.6	6
99	Development of surface ionization mass spectrometry for detection of stimulants in human urine. European Journal of Mass Spectrometry, 2021, 27, 29-38.	1.0	6
100	Formation of the trimer ion core in the heterogeneous rare gas cluster ions. Journal of Chemical Physics, 1998, 108, 6689-6697.	3.0	5
101	Cluster SIMS. , 2013, , 199-230.		5
102	Electrospray Generated from the Tip-Sealed Fine Glass Capillary Inserted with an Acupuncture Needle Electrode. Journal of the American Society for Mass Spectrometry, 2018, 29, 2297-2304.	2.8	5
103	A novel contrast of the reactions of 2,4,6-trinitrotoluene (TNT) in atmospheric-pressure O ₂ and N ₂ plasma: Experimental and theoretical study. International Journal of Mass Spectrometry, 2020, 450, 116308.	1.5	5
104	Comparative study of H ₃ O ⁺ (aq) and NH ₄ ⁺ (aq) on electrophoresis, protonating ability, and sodiation of proteins. International Journal of Mass Spectrometry, 2022, 471, 116728.	1.5	5
105	Hydrogen plasma etching method for depth analysis by x-ray photoelectron spectroscopy. Surface and Interface Analysis, 2000, 29, 596-601.	1.8	4
106	Detection and analysis of nitrogen-containing pesticides in environment by surface-ionization methods. Surface and Interface Analysis, 2006, 38, 309-312.	1.8	4
107	Threshold behaviour of ion formation for noble metals (Au, Ag, Cu, Pt) irradiated by 4ns 532nm laser. International Journal of Mass Spectrometry, 2013, 341-342, 45-51.	1.5	4
108	Fundamentals of Electrospray. , 2013, , 145-171.		4

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109	Gaseous ion formation by the cavitation occurred between aqueous solutions and the ultrasonically vibrating blade studied by mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2016, 411, 34-39.	1.5	4
110	Robotic sheath-flow probe electrospray ionization/mass spectrometry (sfPESI/MS): development of a touch sensor for samples in a multiwell plastic plate. <i>Analytical Methods</i> , 2020, 12, 2812-2819.	2.7	4
111	Diamond film characterization by analyzing C 1s peak shapes with X-ray photo-electron spectroscopy.. <i>Bunseki Kagaku</i> , 1993, 42, 133-140.	0.2	3
112	Determination and analysis of opiates in complex mixtures by surface-ionization mass spectrometry. <i>Journal of Surface Investigation</i> , 2011, 5, 503-507.	0.5	3
113	Flash desorption of low-volatility compounds deposited on a heated solid substrate (90°C) by dripping liquid methanol. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8949.	1.5	3
114	Electric field assisted thermal desorption ionization using an infrared laser. , 1999, 13, 2428-2430.		2
115	Probe electrospray ionization of mixture solutions using metal needles with different tip conditions. <i>Surface and Interface Analysis</i> , 2019, 51, 100-104.	1.8	2
116	Rapid desorption of low-volatility compounds in liquid droplets accompanied by the flash evaporation of solvent below the Leidenfrost temperature. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8535.	1.5	2
117	Reaction of CO ₃ ⁺ with trinitrotoluene (TNT) in CO ₂ plasma: Experimental and theoretical study on the formation of [TNT ⁺ O] ⁺ and its fragmentation pathways. <i>International Journal of Mass Spectrometry</i> , 2021, 467, 116622.	1.5	2
118	Formation of the (M+H) ⁺ and Abundant Fragment Ions of Methyl Stearate under Low Energy Electron Ionization Conditions.. <i>Journal of the Mass Spectrometry Society of Japan</i> , 1996, 44, 531-541.	0.1	2
119	Gas-Phase Ion-Molecule Reactions and High-Pressure Mass Spectrometer. <i>Journal of the Mass Spectrometry Society of Japan</i> , 1977, 25, 199-210.	0.1	2
120	Corona Discharge and Field Electron Emission in Ambient Air Using a Sharp Metal Needle: Formation and Reactivity of CO ₃ ⁺ and O ₂ ⁺ . <i>Mass Spectrometry</i> , 2021, 10, A0100-A0100.	0.6	2
121	Sputtering source of cluster ions and surface-ionization source of polyatomic ions of organic compounds. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 258, 234-237.	1.4	1
122	Why Is Ethylene Missing in the Coma of the Comets Hyakutake and Hale-Bopp?. <i>Journal of the Mass Spectrometry Society of Japan</i> , 1999, 47, 382-385.	0.1	1
123	Gas-Phase Polymerization Reactions Induced by the C ₂ H _m ⁺ Ions (m=3-5) in Ethene.. <i>Journal of the Mass Spectrometry Society of Japan</i> , 1999, 47, 67-71.	0.1	1
124	Analysis of fluorene and 9,9-dialkylfluorenes by electrospray droplet impact (EDI)/SIMS. <i>International Journal of Mass Spectrometry</i> , 2017, 419, 29-36.	1.5	0
125	Ionization Methods Originated from Penning Ionization. <i>Journal of the Mass Spectrometry Society of Japan</i> , 2017, 65, 107-113.	0.1	0
126	Examination of the effect of air atmosphere on heterogeneous reactions under surface ionization of psychotropic drug molecules. <i>European Journal of Mass Spectrometry</i> , 2020, 26, 409-418.	1.0	0

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127	Temperature dependent slow reactions of C ₂ H ₆ ⁺ with C ₂ H ₆ .. Journal of the Mass Spectrometry Society of Japan, 1981, 29, 267-275.	0.1	0
128	Gas-Phase Ion-Molecule Reactions in Tetrahydrothiophene.. Journal of the Mass Spectrometry Society of Japan, 1998, 46, 442-447.	0.1	0