Juraj Glosik

List of Publications by Year
in descending order

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136 papers	2,078 citations	236925 25 h-index	315739 38 g-index
137 all docs	137 docs citations	137 times ranked	831 citing authors

#	Article	IF	Citations
1	The reaction of O+(4S) ions with H2, HD, and D2 at low temperatures: Experimental study of the isotope effect. Journal of Chemical Physics, 2021, 154, 094301.	3.0	1
2	Cavity ring-down spectroscopy study of neon assisted recombination of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si21.svg"><mml:mrow><mml:msubsup><mml:mrow><mml:mi mathvariant="normal">H</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow><mml:mrow><mml:mo>+</mml:mo> ions with electrons. Journal of Molecular Spectroscopy, 2021, 378, 111450.	1.2	2
3	Experimental Study on CH⁺ Formation from Doubly Charged Carbon and Molecular Hydrogen. Astrophysical Journal, 2021, 910, 155.	4.5	7
4	Reaction of carbon dication <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi mathvariant="normal">C</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msu with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> , <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">N</m	2.5	1
5	Dissociative recombination of N2H+ ions with electrons in the temperature range of 80â€“350 K. Journal of Chemical Physics, 2020, 152, 024301.	3.0	4
6	Reaction of dication C⁺⁺ with molecular hydrogen at temperature 20 K. Journal of Physics: Conference Series, 2020, 1412, 122007.	0.4	0
7	Towards state selective recombination of H₃⁺ under astrophysically relevant conditions. Faraday Discussions, 2019, 217, 220-234.	3.2	5
8	Reaction of NH⁺, NH₂⁺, and NH₃⁺ ions with H₂ at low temperatures. Astronomy and Astrophysics, 2019, 625, A74.	5.1	16
9	OH⁺ Formation in the Low-temperature O⁺(⁴S) + H₂ Reaction. Astrophysical Journal, 2018, 856, 100.	4.5	10
10	Formation of H₂O⁺ and H₃O⁺ Cations in Reactions of OH⁺ and H₂O⁺ with H₂: Experimental Studies of the Reaction Rate Coefficients from TÂ=Â15 to 300 K. Astrophysical Journal, 2018, 854, 25.	4.5	24
11	Stationary afterglow apparatus with CRDS for study of processes in plasmas from 300 K down to 30 K. Review of Scientific Instruments, 2018, 89, 063116.	1.3	8
12	Effect of rotational excitation of H₂ on isotopic exchange reaction with OD^{â^'} at low temperatures. Astronomy and Astrophysics, 2018, 615, L6.	5.1	9
13	Overtone spectroscopy of N₂H⁺ molecular ionsâ€”application of cavity ring-down spectroscopy. Journal of Instrumentation, 2017, 12, C10010-C10010.	1.2	1
14	Stationary afterglow measurements of the temperature dependence of the electronâ€“ion recombination rate coefficients of ${{m{H}}}_{2}{{m{D}}}^{+}$ and ${mathrm{HD}}_{2}^{+}$ in He/Ar/H₂/D₂gas mixtures atT= 80â€“145 K. Plasma Sources Science and Technology, 2017, 26, 035006.	3.1	5
15	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mo>â^'</mml:mo></mml:msup></mml:math> with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">D</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">H</m	2.5	6
16	Electron-ion recombination in low temperature hydrogen/deuterium plasma. EPJ Applied Physics, 2017, 80, 30801.	0.7	2
17	Reactions of Oâ^'with D2at temperatures below 300 K. Journal of Physics: Conference Series, 2017, 875, 012015.	0.4	0
18	Monitoring the removal of excited particles in He/Ar/H₂low temperature afterglow plasma at 80â€“300 K. EPJ Applied Physics, 2016, 75, 24707.	0.7	3

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19	Binary and ternary recombination of H₂D⁺ and HD₂⁺ ions with electrons at 80 K. Physical Chemistry Chemical Physics, 2016, 18, 23549-23553.	2.8	5
20	State selective study of H3+recombination in Cryo-FALP and SA-CRDS experiments at 77 K. EPJ Web of Conferences, 2015, 84, 01002.	0.3	1
21	Recombination of H₂D⁺and HD₂⁺ions with electrons at 80 K. Journal of Physics: Conference Series, 2015, 635, 052065.	0.4	0
22	Recombination of H+3 ions with electrons in He/H₂ambient gas at temperatures from 240 K to 340 K. Plasma Sources Science and Technology, 2015, 24, 065017.	3.1	10
23	Ion trap study of the charge transfer and associative detachment reactions of D^{â˜}+ H. Journal of Physics: Conference Series, 2015, 635, 022092.	0.4	0
24	Reaction of NH⁺with atomic hydrogen at low temperatures - an experimental study. Journal of Physics: Conference Series, 2015, 635, 022024.	0.4	0
25	Electron Transfer and Associative Detachment in Low-Temperature Collisions of D^{â€“} with H. Journal of Physical Chemistry Letters, 2015, 6, 4762-4766.	4.6	5
26	Flowing-afterglow study of electron-ion recombination of paraâ€“H3+ and orthoâ€“H3+ ions at temperatures from 60 K to 300 K. Journal of Chemical Physics, 2015, 143, 044303.	3.0	9
27	Interaction of Oâ˜ and H2 at low temperatures. Journal of Chemical Physics, 2015, 142, 014304.	3.0	12
28	H/D exchange in reactions of OH^{â˜} with D₂ and of OD^{â˜} with H₂ at low temperatures. Physical Chemistry Chemical Physics, 2015, 17, 8732-8739.	2.8	25
29	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">H</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:math>-assisted ternary recombination of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>H</mml:mtext><mml:mn>3</mml:mn></mml:msub /><mml:mo>+</mml:mo></mml:msup></mml:math> with electrons at 300 K. Physical Review A, 2014, 90, .	2.5	8
30	Formation of NH⁺in collisions of N⁺with para- or ortho-H₂at low temperatures â€“ an experimental study. Journal of Physics: Conference Series, 2014, 488, 122003.	0.4	1
31	LOW-TEMPERATURE ION TRAP STUDIES OF N⁺(³P_{ja}) + H₂(j) â† NH⁺+ H. Astrophysical Journal, 2013, 768, 86.	4.5	41
32	Determining the energy distribution of electrons produced in associative detachment: The electron spectrometer with multipole trap. International Journal of Mass Spectrometry, 2013, 352, 19-28.	1.5	13
33	State Specific Stabilization of H⁺ + H₂(j) Collision Complexes. Journal of Physical Chemistry A, 2013, 117, 10068-10075.	2.5	25
34	Binary Recombination of H₃⁺ and D₃⁺ Ions with Electrons in Plasma at 50â€“230 K. Journal of Physical Chemistry A, 2013, 117, 9626-9632.	2.5	15
35	Ternary Recombination of H₃⁺ and D₃⁺ with Electrons in Heâ€“H₂ (D₂) Plasmas at Temperatures from 50 to 300 K. Journal of Physical Chemistry A, 2013, 117, 9477-9485.	2.5	14
36	Collisional-radiative recombination of Ar<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mo>+</mml:mo></mml:msup></mml:math>ions with electrons in ambient helium at temperatures from 50 K to 100 K. Physical Review A, 2013, 87, .	2.5	8

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37	Binary and ternary recombination of ${m D}_3^+$D3+ ions at 80â€“130 K: Application of laser absorption spectroscopy. Journal of Chemical Physics, 2012, 137, 194320.	3.0	7
38	Nuclear spin state-resolved cavity ring-down spectroscopy diagnostics of a low-temperature ${m H}_3^+$ -dominated plasma. Plasma Sources Science and Technology, 2012, 21, 024002.	3.1	16
39	Binary recombination of para- and ortho-H 3 + with electrons at low temperatures. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 5101-5108.	3.4	12
40	Stabilization of H ₊ â€“H ₂ collision complexes between 11 and 28K. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 5066-5073.	3.4	23
41	Collisional radiative recombination of Ar⁺ions, experimental study at 40-300K. Journal of Physics: Conference Series, 2012, 388, 062033.	0.4	1
42	ION TRAP STUDIES OF H^{â€“}+ H â† H₂+e^{â€“}BETWEEN 10 AND 135 K. Astrophysical Journal, 2012, 749, 22.	4.5	39
43	Radiative association of H⁺and H₂- experimental study. Journal of Physics: Conference Series, 2012, 388, 102021.	0.4	0
44	Radiative association of H+H2- experimental study. Journal of Physics: Conference Series, 2012, 388, 012041.	0.4	0
45	Interactions of H^{â^’}Anions with Atomic Hydrogenâ€”Ion Trap study at 10â€“100 K. Journal of Physics: Conference Series, 2012, 388, 082057.	0.4	0
46	Binary and ternary recombination of para-${m H}_3^+$H3+ and ortho-${m H}_3^+$H3+ with electrons: State selective study at 77â€“200 K. Journal of Chemical Physics, 2012, 136, 244304.	3.0	26
47	Ternary association of H⁺ion with H₂at 11ÂK, experimental study. EPJ Applied Physics, 2011, 56, 24010.	0.7	11
48	Recombination in low temperature Ar+dominated plasmas. Journal of Physics: Conference Series, 2011, 300, 012021.	0.4	0
49	Experimental study of para- and ortho-H₃⁺recombination. Journal of Physics: Conference Series, 2011, 300, 012023.	0.4	6
50	Cryo-FALP study of collisional-radiative recombination of Ar⁺ions at 40â€“200ÂK. EPJ Applied Physics, 2011, 56, 24011.	0.7	8
51	REACTIONS OF COLD TRAPPED CH⁺IONS WITH SLOW H ATOMS. Astrophysical Journal, 2011, 737, 60.	4.5	44
52	Collisional-radiative recombination Ar<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow /><mml:mrow><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:mrow></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo>+</mml:mo></mml:mrow></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">H</mml:mi><mml:mn>3</mml:mn><mml:none /><mml:none /><mml:mo>+</mml:mo></mml:mmultiscripts></mml:math>Ions with Electrons at 77ÂK. Physical Review Letters, 2011, 106, 203201.	2.5	24
53	Nuclear spin effects in recombination of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">H</mml:mi><mml:mn>3</mml:mn><mml:none /><mml:none /><mml:mo>+</mml:mo></mml:mmultiscripts></mml:math>Ions with Electrons at 77ÂK. Physical Review Letters, 2011, 106, 203201.	7.8	28
54	Application of NIR â€“ CRDS for state selective study of recombination of para and ortho H₃⁺ions with electrons in low temperature plasma. Journal of Physics: Conference Series, 2010, 227, 012026.	0.4	5

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55	Temperature dependence of binary and ternary recombination of D3+ ions with electrons. Journal of Chemical Physics, 2010, 133, 034305.	3.0	15
56	Binary and ternary recombination of and ions with electrons in low temperature plasma. Molecular Physics, 2010, 108, 2253-2264.	1.7	24
57	Temperature dependence of binary and ternary recombination of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mtext>H</mml:mtext><mml:mn>3</mml:mn><mml:none /><mml:none /><mml:mo>+</mml:mo></mml:mmultiscripts></mml:mrow></mml:math>ions with	2.5	41
58	Binary and ternary recombination of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mtext>D</mml:mtext><mml:mn>3</mml:mn><mml:none /><mml:none /><mml:mo>+</mml:mo></mml:mmultiscripts></mml:mrow></mml:math>ions with electrons in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>He-D</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review A, 2009, 80, .	2.5	19
59	Recombination of KrD⁺and KrH⁺ions in afterglow plasma. Journal of Physics: Conference Series, 2009, 192, 012018.	0.4	0
60	Recombination of HCO+ and DCO+ ions with electrons. International Journal of Mass Spectrometry, 2009, 280, 144-148.	1.5	18
61	Non-Maxwellian electron energy distribution function in He, He/Ar, He/Xe/H2 and He/Xe/D2 low temperature afterglow plasma. European Physical Journal D, 2009, 54, 391-398.	1.3	20
62	Measurements of EEDF in recombination dominated afterglow plasma. Journal of Physics: Conference Series, 2009, 192, 012023.	0.4	2
63	Multicollision character of recombination of H₃⁺ions in afterglow plasma. Journal of Physics: Conference Series, 2009, 192, 012005.	0.4	9
64	Recombination of KrD+ and XeD+ ions with electrons. International Journal of Mass Spectrometry, 2008, 275, 80-85.	1.5	6
65	Measurements of EEDF in Helium Flowwing Afterglow at Pressures 500 â€“ 2000 PA. Contributions To Plasma Physics, 2008, 48, 461-466.	1.1	17
66	Application of Langmuir Probe in Recombination Dominated Afterglow Plasma. Contributions To Plasma Physics, 2008, 48, 521-526.	1.1	21
67	Recombination of H⁺₃ions in the afterglow of a Heâ€“Arâ€“H₂plasma. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 191001.	1.5	39
68	Electron collisions and rovibrational action spectroscopy of cold H₃⁺molecules. Journal of Physics: Conference Series, 2007, 88, 012064.	0.4	8
69	Combined Langmuir probe, electrical and hybrid modelling characterization of helium glow discharges. Plasma Sources Science and Technology, 2007, 16, 492-500.	3.1	18
70	Action spectroscopy of and D 2 H + using overtone excitation. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2006, 364, 2931-2942.	3.4	33
71	Effects of molecular rotation in low-energy electron collisions of. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2006, 364, 2981-2997.	3.4	28
72	Dynamical constraints and nuclear spin caused restrictions in collision systems. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2006, 364, 3007-3034.	3.4	41

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73	Near infrared second overtone cw-cavity ringdown spectroscopy of D2H+ ions. International Journal of Mass Spectrometry, 2006, 255-256, 170-176.	1.5	24
74	Near infrared second overtone cw-cavity ringdown spectroscopy of H2D+ ions. European Physical Journal D, 2006, 56, B749-B760.	0.4	10
75	Recombination of KrH+ and XeH+ ions with electrons in low temperature plasma. European Physical Journal D, 2006, 56, B854-B864.	0.4	5
76	The recombination of D+3and D+5ions with electrons in deuterium containing plasma. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 2561-2569.	1.5	23
77	The recombination of spectroscopically identified H3+ (v=0) ions with electrons. Journal of Physics: Conference Series, 2005, 4, 118-125.	0.4	9
78	Towards state selective measurements of the H3+dissociative recombination rate coefficient. Journal of Physics: Conference Series, 2005, 4, 126-133.	0.4	6
79	Recombination studies in a He-Ar-H2 plasma. Journal of Physics: Conference Series, 2005, 4, 104-110.	0.4	8
80	224Ânm segmented hollow-cathode silver ion laser. Applied Physics B: Lasers and Optics, 2005, 80, 215-219.	2.2	2
81	High-Resolution Dissociative Recombination of ColdH3+and First Evidence for Nuclear Spin Effects. Physical Review Letters, 2005, 95, 263201.	7.8	106
82	Action spectroscopy and temperature diagnostics of H[sub 3][sup +] by chemical probing. Journal of Chemical Physics, 2004, 121, 11030.	3.0	62
83	The temperature dependence of electron-ion recombination in hydrogen plasma. European Physical Journal D, 2004, 54, C1042-C1049.	0.4	0
84	Afterglow studies of H3+(v=0) recombination using time resolved cw-diode laser cavity ring-down spectroscopy. International Journal of Mass Spectrometry, 2004, 233, 299-304.	1.5	52
85	Langmuir probe diagnostic for measurement of recombination rates of positive ions with electrons in stationary afterglow system. Vacuum, 2004, 76, 457-463.	3.5	2
86	Experimental system for GaN thin films growth and in situ characterisation by electron spectroscopic methods. Vacuum, 2004, 76, 471-476.	3.5	27
87	The reaction of SiH+ and SH+ with small molecules. International Journal of Mass Spectrometry, 2003, 223-224, 539-546.	1.5	7
88	The recombination of and ions with electrons in hydrogen plasma: dependence on temperature and on pressure of H2. Plasma Sources Science and Technology, 2003, 12, S117-S122.	3.1	37
89	Recombination of H+3 and D+3 with Electrons. , 2003, , 249-263.		5
90	Dissociative Recombination of Protonated Dimer Ions. , 2003, , 67-74.		1

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91	Recombination ofD3+Ions in the Afterglow of a He-Ar-D2Plasma. Physical Review Letters, 2002, 88, 044802.	7.8	29
92	Temperature dependence of ternary rate coefficients for the (CO)nâ^'1++2COâ‡Œ(CO)n++CO reaction, and the role of isomers for the growth of larger (CO)n+ clusters. Journal of Chemical Physics, 2002, 116, 4508-4516.	3.0	13
93	Advanced integrated stationary afterglow method for experimental study of recombination of processes of H3+ and D3+ ions with electrons. International Journal of Mass Spectrometry, 2002, 218, 105-130.	1.5	80
94	Dissociative recombination of protonated dimer ions H+Â·(HCOH)2and H+Â·(CH3COH)2with electrons at near thermal energies. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 2781-2793.	1.5	12
95	Experimental study of recombination of H3+ions with electrons relevant for interstellar and planetary plasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, L485-L494.	1.5	29
96	The recombination of H3+ ions with electrons: dependence on partial pressure of H2. Chemical Physics Letters, 2000, 331, 209-214.	2.6	44
97	Formation of SiH+3 ions in reactions of small hydrocarbon ions with SiH4. European Physical Journal D, 2000, 50, 251-257.	0.4	2
98	Advanced Integrated Stationary Afterglow apparatus for study of recombination in Heâ^'Arâ^'H2 plasma. European Physical Journal D, 2000, 50, 329-334.	0.4	7
99	Internal energy dependence of collision induced dissociation of Kr+2, (CO)+2 (CO)+2 and N+4. European Physical Journal D, 2000, 50, 378.	0.4	0
100	The recombination rate coefficient of a protonated acetone dimer with electrons: indication of a temperature dependence. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 4483-4493.	1.5	14
101	Guided ion beam studies of electron and isotope transfer in 14N++15N2 collisions. Journal of Chemical Physics, 2000, 112, 7011-7021.	3.0	9
102	Formation and recombination of protonated acetonitrile clusters. Journal of Physics B: Atomic, Molecular and Optical Physics, 1999, 32, 3575-3583.	1.5	19
103	Characterization of an unbalanced magnetron for composite film (metal/C:H) deposition. Vacuum, 1999, 52, 415-420.	3.5	4
104	Study of the electron ion recombination in high pressure flowing afterglow: recombination of NH4Â·+ (NH3)2. International Journal of Mass Spectrometry, 1999, 189, 103-113.	1.5	37
105	Title is missing!. European Physical Journal D, 1998, 48, 29-44.	0.4	2
106	Title is missing!. European Physical Journal D, 1998, 48, 1241-1252.	0.4	1
107	Selected ion flow drift tube study of the formation and dissociation of CO+.N2 ions in nitrogen buffer gas: the CO+.N2 bond energy. International Journal of Mass Spectrometry, 1998, 176, 177-188.	1.5	17
108	Langmuir Probe Determination of Charged Particle Number Density in a Flowing Afterglow Plasma. Contributions To Plasma Physics, 1995, 35, 503-516.	1.1	19

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109	Selected ion flow drift tube studies of the reaction of Si+ (2P) with C2H4. Observation of the ternary reaction with two channels: collisional stabilization and collisional dissociation. International Journal of Mass Spectrometry and Ion Processes, 1995, 145, 155-163.	1.8	14
110	Deposition and properties of hydrophilic films prepared by plasma polymerization of Ar/n-hexane/H2O. Vacuum, 1995, 46, 1413-1418.	3.5	8
111	Studies of the formation of cluster ions NH4+Â·(NH3)n, n = 1â€“4, using a high pressure flowing afterglow apparatus. International Journal of Mass Spectrometry and Ion Processes, 1995, 149-150, 187-197.	1.8	14
112	Selected ion flow drift tube studies of the kinetics of the reactions of Si+(2P) with C2H2 and C6H6. International Journal of Mass Spectrometry and Ion Processes, 1995, 149-150, 499-512.	1.8	13
113	Selected ion flow drift tube studies of the reactions of Si+(2P) with HCl, H2O, H2S, and NH3: Reactions which produce atomic hydrogen. Journal of Chemical Physics, 1995, 103, 6490-6497.	3.0	16
114	Selected ion flow drift tube studies of the reactions of S+(4S) with CH4, C2H2, C2H4, and C3H8. The Journal of Physical Chemistry, 1995, 99, 15890-15898.	2.9	14
115	Dissociation of Kr+2, N2Ar+, (CO)+2, CH+5, and C2H+5 ions drifting in He. Journal of Chemical Physics, 1994, 101, 3792-3801.	3.0	28
116	Observations of Arrhenius behaviour over 56 decades: dissociation of N+4 ions. International Journal of Mass Spectrometry and Ion Processes, 1994, 134, 67-71.	1.8	13
117	Measurement of the reaction rate coefficients of reactions of H2+ with Ne, Ar, Kr, Xe, H2, D2, N2 and CH4 at thermal energy. International Journal of Mass Spectrometry and Ion Processes, 1994, 139, 15-23.	1.8	18
118	Measurement of the reaction rate coefficients of reactions of H+2 with Ne, Ar, Kr, Xe, H2, D2, N2 and CH4 at thermal energy. International Journal of Mass Spectrometry and Ion Processes, 1994, 139, 15-23.	1.8	2
119	Collision induced dissociation of the isometric ions H2COOH+ and HC(OH)+12. International Journal of Mass Spectrometry and Ion Processes, 1993, 129, 109-116.	1.8	19
120	SIFDT studies of the reactions of C+, CH+ and CH+2 with HCl and CO2, and CH+3 with HCl. International Journal of Mass Spectrometry and Ion Processes, 1993, 129, 131-143.	1.8	20
121	A further investigation of the reaction of C2H+2 with H2. International Journal of Mass Spectrometry and Ion Processes, 1993, 129, 145-153.	1.8	17
122	Energy dependencies of fast reactions of positive ions X+ with HCl from near thermal to â‰‚2 eV centerâ€•ofâ€•mass collision energy (X+=H+,H2+,H3+,N+,N2+,Ar+,C+,CH+, CH2+,CH3+,CH4+,CH5+). Journal of Chemical Physics, 1993, 98, 6995-7003.	3.0	21
123	Dissociative electronic recombination-recent results. Plasma Physics and Controlled Fusion, 1992, 34, 2091-2097.	2.1	2
124	Measurement of the equilibrium constant of the reaction HeH+ + Ne â‡Œ NeH+ + He in a selected ion flow tube. International Journal of Mass Spectrometry and Ion Processes, 1991, 109, 75-81.	1.8	4
125	Energy dependence of the reaction of CH+2 with HCl. Journal of Chemical Physics, 1991, 95, 3020-3021.	3.0	5
126	The Application of Langmuir Probes to the Measurements in Flowing Afterglow Plasma. Contributions To Plasma Physics, 1990, 30, 185-192.	1.1	6

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127	A Probe Method for Determination of time Evolution of Metastable Atoms Density in a Flowing Afterglow Plasma. Contributions To Plasma Physics, 1990, 30, 437-448.	1.1	7
128	Reactions of HNNO+ and NNOH+ ions with CH4 and NO as a function of relative kinetic energy. International Journal of Mass Spectrometry and Ion Processes, 1990, 98, 225-233.	1.8	6
129	Radiative lifetimes of vibrationally excited HCl+ (Ï... = 1) and DCl+ (Ï... = 1) ions. International Journal of Mass Spectrometry and Ion Processes, 1990, 97, 203-210.	1.8	7
130	A contribution to the study of the influence of metastables in the flowing afterglow plasma. European Physical Journal D, 1987, 37, 188-193.	0.4	11
131	Measurement of the electron distribution function in flowing afterglow plasma by means of Langmuir probe. European Physical Journal D, 1983, 33, 1226-1229.	0.4	6
132	The electron distribution function in flowing afterglow argon plasma with the D.C. discharge plasma source. European Physical Journal D, 1983, 33, 1230-1233.	0.4	10
133	A crossed-beam study of low energy Ar+ + H2O collisions: Charge transfer and chemical reaction. Chemical Physics, 1981, 60, 369-378.	1.9	26
134	Measurement of the rates of reaction of the ground and metastable excited states of O2+, NO+and O+with atmospheric gases at thermal energy. Journal of Physics B: Atomic and Molecular Physics, 1978, 11, 3365-3379.	1.6	142
135	Electron distribution function measurement in irregular ionization waves. European Physical Journal D, 1977, 27, 550-554.	0.4	0
136	Measurement of electron distribution function by means of direct differentiation of probe characteristic. European Physical Journal D, 1977, 27, 899-903.	0.4	0