# 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 | 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 |
| 2 | High-Resolution Dissociative Recombination of ColdH3+and First Evidence for Nuclear Spin Effects. Physical Review Letters, 2005, 95, 263201. | 7.8 | 106 |
| 3 | 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 |
| 4 | Action spectroscopy and temperature diagnostics of H[sub 3][sup +] by chemical probing. Journal of Chemical Physics, 2004, 121, 11030. | 3.0 | 62 |
| 5 | 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 |
| 6 | The recombination of H3+ ions with electrons: dependence on partial pressure of H2. Chemical Physics Letters, 2000, 331, 209-214. | 2.6 | 44 |
| 7 | REACTIONS OF COLD TRAPPED CH<sup>+</sup>IONS WITH SLOW H ATOMS. Astrophysical Journal, 2011, 737, 60. | 4.5 | 44 |
| 8 | 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 |
| 9 | 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 electrons. Physical Review A, 2009, 79, . | 2.5 | 41 |
| 10 | LOW-TEMPERATURE ION TRAP STUDIES OF N<sup>+</sup>(<sup>3</sup>P<sub>ja</sub>) + H<sub>2</sub>(j) â†’ NH<sup>+</sup>+ H. Astrophysical Journal, 2013, 768, 86. | 4.5 | 41 |
| 11 | Recombination of H<sup>+</sup><sub>3</sub>ions in the afterglow of a Heâ€“Arâ€“H<sub>2</sub>plasma. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 191001. | 1.5 | 39 |
| 12 | ION TRAP STUDIES OF H<sup>â€“</sup>+ H â†’ H<sub>2</sub>+e<sup>â€“</sup>BETWEEN 10 AND 135 K. Astrophysical Journal, 2012, 749, 22. | 4.5 | 39 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | Recombination ofD3+Ions in the Afterglow of a He-Ar-D2Plasma. Physical Review Letters, 2002, 88, 044802. | 7.8 | 29 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | Nuclear Spin Effect on 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 |
| 21 | Experimental system for GaN thin films growth and in situ characterisation by electron spectroscopic methods. Vacuum, 2004, 76, 471-476. | 3.5 | 27 |
| 22 | A crossed-beam study of low energy Ar+ + H2O collisions: Charge transfer and chemical reaction. Chemical Physics, 1981, 60, 369-378. | 1.9 | 26 |
| 23 | 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 |
| 24 | State Specific Stabilization of H<sup>+</sup> + H<sub>2</sub>(j) Collision Complexes. Journal of Physical Chemistry A, 2013, 117, 10068-10075. | 2.5 | 25 |
| 25 | H/D exchange in reactions of OH<sup>â˜’</sup> with D<sub>2</sub> and of OD<sup>â˜’</sup> with H<sub>2</sub> at low temperatures. Physical Chemistry Chemical Physics, 2015, 17, 8732-8739. | 2.8 | 25 |
| 26 | Near infrared second overtone cw-cavity ringdown spectroscopy of D2H+ ions. International Journal of Mass Spectrometry, 2006, 255-256, 170-176. | 1.5 | 24 |
| 27 | Binary and ternary recombination of and ions with electrons in low temperature plasma. Molecular Physics, 2010, 108, 2253-2264. | 1.7 | 24 |
| 28 | 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" | 2.5 | 24 |
| 29 | Formation of H<sub>2</sub>O<sup>+</sup> and H<sub>3</sub>O<sup>+</sup> Cations in Reactions of OH<sup>+</sup> and H<sub>2</sub>O<sup>+</sup> with H<sub>2</sub>: Experimental Studies of the Reaction Rate Coefficients from TÂ=Â15 to 300 K. Astrophysical Journal, 2018, 854, 25. | 4.5 | 24 |
| 30 | 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 |
| 31 | Stabilization of H <sub>+</sub> â€“H <sub>2</sub> collision complexes between 11 and 28K. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 5066-5073. | 3.4 | 23 |
| 32 | 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 |
| 33 | Application of Langmuir Probe in Recombination Dominated Afterglow Plasma. Contributions To Plasma Physics, 2008, 48, 521-526. | 1.1 | 21 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|---|---|---|---|
| 37 | Langmuir Probe Determination of Charged Particle Number Density in a Flowing Afterglow Plasma. Contributions To Plasma Physics, 1995, 35, 503-516. | 1.1 | 19 |
| 38 | Formation and recombination of protonated acetonitrile clusters. Journal of Physics B: Atomic, Molecular and Optical Physics, 1999, 32, 3575-3583. | 1.5 | 19 |
| 39 | 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 |
| 40 | 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 |
| 41 | Combined Langmuir probe, electrical and hybrid modelling characterization of helium glow discharges. Plasma Sources Science and Technology, 2007, 16, 492-500. | 3.1 | 18 |
| 42 | Recombination of HCO+ and DCO+ ions with electrons. International Journal of Mass Spectrometry, 2009, 280, 144-148. | 1.5 | 18 |
| 43 | 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 |
| 44 | 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 |
| 45 | Measurements of EEDF in Helium Flowwing Afterglow at Pressures 500 â€“ 2000 PA. Contributions To Plasma Physics, 2008, 48, 461-466. | 1.1 | 17 |
| 46 | 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 |
| 47 | 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 |
| 48 | Reaction of NH<sup>+</sup>, NH<sub>2</sub><sup>+</sup>, and NH<sub>3</sub><sup>+</sup> ions with H<sub>2</sub> at low temperatures. Astronomy and Astrophysics, 2019, 625, A74. | 5.1 | 16 |
| 49 | Temperature dependence of binary and ternary recombination of D3+ ions with electrons. Journal of Chemical Physics, 2010, 133, 034305. | 3.0 | 15 |
| 50 | Binary Recombination of H<sub>3</sub><sup>+</sup> and D<sub>3</sub><sup>+</sup> Ions with Electrons in Plasma at 50â€“230 K. Journal of Physical Chemistry A, 2013, 117, 9626-9632. | 2.5 | 15 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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 |

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|---|---|---|---|
| 55 | Ternary Recombination of H<sub>3</sub><sup>+</sup> and D<sub>3</sub><sup>+</sup> with Electrons in Heâ€“H<sub>2</sub> (D<sub>2</sub>) Plasmas at Temperatures from 50 to 300 K. Journal of Physical Chemistry A, 2013, 117, 9477-9485. | 2.5 | 14 |
| 56 | 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 |
| 57 | 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 |
| 58 | 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 |
| 59 | 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 |
| 60 | 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 |
| 61 | 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 |
| 62 | Interaction of Oâ^' and H2 at low temperatures. Journal of Chemical Physics, 2015, 142, 014304. | 3.0 | 12 |
| 63 | 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 |
| 64 | Ternary association of H<sup>+</sup>ion with H<sub>2</sub>at 11ÂK, experimental study. EPJ Applied Physics, 2011, 56, 24010. | 0.7 | 11 |
| 65 | 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 |
| 66 | Near infrared second overtone cw-cavity ringdown spectroscopy of H2D+ ions. European Physical Journal D, 2006, 56, B749-B760. | 0.4 | 10 |
| 67 | Recombination of H+3 ions with electrons in He/H<sub>2</sub>ambient gas at temperatures from 240 K to 340 K. Plasma Sources Science and Technology, 2015, 24, 065017. | 3.1 | 10 |
| 68 | OH<sup>+</sup> Formation in the Low-temperature O<sup>+</sup>(<sup>4</sup>S) + H<sub>2</sub> Reaction. Astrophysical Journal, 2018, 856, 100. | 4.5 | 10 |
| 69 | Guided ion beam studies of electron and isotope transfer in 14N++15N2 collisions. Journal of Chemical Physics, 2000, 112, 7011-7021. | 3.0 | 9 |
| 70 | The recombination of spectroscopically identified H3+ (v=0) ions with electrons. Journal of Physics: Conference Series, 2005, 4, 118-125. | 0.4 | 9 |
| 71 | Multicollision character of recombination of H<sub>3</sub><sup>+</sup>ions in afterglow plasma. Journal of Physics: Conference Series, 2009, 192, 012005. | 0.4 | 9 |
| 72 | 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 |

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|---|---|---|---|
| 73 | Effect of rotational excitation of H<sub>2</sub> on isotopic exchange reaction with OD<sup>â^'</sup> at low temperatures. Astronomy and Astrophysics, 2018, 615, L6. | 5.1 | 9 |
| 74 | Deposition and properties of hydrophilic films prepared by plasma polymerization of Ar/n-hexane/H2O. Vacuum, 1995, 46, 1413-1418. | 3.5 | 8 |
| 75 | Recombination studies in a He-Ar-H2 plasma. Journal of Physics: Conference Series, 2005, 4, 104-110. | 0.4 | 8 |
| 76 | Electron collisions and rovibrational action spectroscopy of cold H<sub>3</sub><sup>+</sup>molecules. Journal of Physics: Conference Series, 2007, 88, 012064. | 0.4 | 8 |
| 77 | Cryo-FALP study of collisional-radiative recombination of Ar<sup>+</sup>ions at 40â€“200ÂK. EPJ Applied Physics, 2011, 56, 24011. | 0.7 | 8 |
| 78 | 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 |
| 79 | <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 |
| 80 | 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 |
| 81 | 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 |
| 82 | 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 |
| 83 | 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 |
| 84 | The reaction of SiH+ and SH+ with small molecules. International Journal of Mass Spectrometry, 2003, 223-224, 539-546. | 1.5 | 7 |
| 85 | 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 |
| 86 | Experimental Study on CH<sup>+</sup> Formation from Doubly Charged Carbon and Molecular Hydrogen. Astrophysical Journal, 2021, 910, 155. | 4.5 | 7 |
| 87 | 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 |
| 88 | The Application of Langmuir Probes to the Measurements in Flowing Afterglow Plasma. Contributions To Plasma Physics, 1990, 30, 185-192. | 1.1 | 6 |
| 89 | 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 |
| 90 | Towards state selective measurements of the H3+dissociative recombination rate coefficient. Journal of Physics: Conference Series, 2005, 4, 126-133. | 0.4 | 6 |

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|---|---|---|---|
| 91 | Recombination of KrD+ and XeD+ ions with electrons. International Journal of Mass Spectrometry, 2008, 275, 80-85. | 1.5 | 6 |
| 92 | Experimental study of para- and ortho-H<sub>3</sub><sup>+</sup>recombination. Journal of Physics: Conference Series, 2011, 300, 012023. | 0.4 | 6 |
| 93 | Isotopic effects in the interaction of <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 |
| 94 | Energy dependence of the reaction of CH+2 with HCl. Journal of Chemical Physics, 1991, 95, 3020-3021. | 3.0 | 5 |
| 95 | Recombination of KrH+ and XeH+ ions with electrons in low temperature plasma. European Physical Journal D, 2006, 56, B854-B864. | 0.4 | 5 |
| 96 | Application of NIR â€“ CRDS for state selective study of recombination of para and ortho H<sub>3</sub><sup>+</sup>ions with electrons in low temperature plasma. Journal of Physics: Conference Series, 2010, 227, 012026. | 0.4 | 5 |
| 97 | Electron Transfer and Associative Detachment in Low-Temperature Collisions of D<sup>â€“</sup> with H. Journal of Physical Chemistry Letters, 2015, 6, 4762-4766. | 4.6 | 5 |
| 98 | Binary and ternary recombination of H<sub>2</sub>D<sup>+</sup> and HD<sub>2</sub><sup>+</sup> ions with electrons at 80 K. Physical Chemistry Chemical Physics, 2016, 18, 23549-23553. | 2.8 | 5 |
| 99 | 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/H<sub>2</sub>/D<sub>2</sub>gas mixtures atT= 80â€“145 K. Plasma Sources Science and Technology, 2017, 26, 035006. | 3.1 | 5 |
| 100 | Towards state selective recombination of H<sub>3</sub><sup>+</sup> under astrophysically relevant conditions. Faraday Discussions, 2019, 217, 220-234. | 3.2 | 5 |
| 101 | Recombination of H+3 and D+3 with Electrons. , 2003, , 249-263. | | 5 |
| 102 | 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 |
| 103 | Characterization of an unbalanced magnetron for composite film (metal/C:H) deposition. Vacuum, 1999, 52, 415-420. | 3.5 | 4 |
| 104 | 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 |
| 105 | Monitoring the removal of excited particles in He/Ar/H<sub>2</sub>low temperature afterglow plasma at 80â€“300 K. EPJ Applied Physics, 2016, 75, 24707. | 0.7 | 3 |
| 106 | Dissociative electronic recombination-recent results. Plasma Physics and Controlled Fusion, 1992, 34, 2091-2097. | 2.1 | 2 |
| 107 | Title is missing!. European Physical Journal D, 1998, 48, 29-44. | 0.4 | 2 |
| 108 | Formation of SiH+3 ions in reactions of small hydrocarbon ions with SiH4. European Physical Journal D, 2000, 50, 251-257. | 0.4 | 2 |

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|---|---|---|---|
| 109 | 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 |
| 110 | 224Ânm segmented hollow-cathode silver ion laser. Applied Physics B: Lasers and Optics, 2005, 80, 215-219. | 2.2 | 2 |
| 111 | Measurements of EEDF in recombination dominated afterglow plasma. Journal of Physics: Conference Series, 2009, 192, 012023. | 0.4 | 2 |
| 112 | Electron-ion recombination in low temperature hydrogen/deuterium plasma. EPJ Applied Physics, 2017, 80, 30801. | 0.7 | 2 |
| 113 | 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></mml: ions with electrons. Journal of Molecular Spectroscopy, 2021, 378, 111450. | 1.2 | 2 |
| 114 | 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 |
| 115 | Title is missing!. European Physical Journal D, 1998, 48, 1241-1252. | 0.4 | 1 |
| 116 | Collisional radiative recombination of Ar<sup>+</sup>ions, experimental study at 40-300K. Journal of Physics: Conference Series, 2012, 388, 062033. | 0.4 | 1 |
| 117 | Formation of NH<sup>+</sup>in collisions of N<sup>+</sup>with para- or ortho-H<sub>2</sub>at low temperatures â€“ an experimental study. Journal of Physics: Conference Series, 2014, 488, 122003. | 0.4 | 1 |
| 118 | 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 |
| 119 | Overtone spectroscopy of N<sub>2</sub>H<sup>+</sup> molecular ionsâ€”application of cavity ring-down spectroscopy. Journal of Instrumentation, 2017, 12, C10010-C10010. | 1.2 | 1 |
| 120 | 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 |
| 121 | Dissociative Recombination of Protonated Dimer Ions. , 2003, , 67-74. | | 1 |
| 122 | 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 |
| 123 | Electron distribution function measurement in irregular ionization waves. European Physical Journal D, 1977, 27, 550-554. | 0.4 | 0 |
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