

Nikola Konjevic

List of Publications by Year in descending order

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164
papers

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164
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164
docs citations

164
times ranked

1535
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of UV Ne II line shapes in the cathode sheath of an abnormal glow discharge. <i>Advances in Space Research</i> , 2023, 71, 1293-1306.	2.6	3
2	Estimation of the maximum electric field strength in the cathode sheath of a Grimm-type glow discharge by end-on view optical emission spectroscopy in neon and argon. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 1318-1326.	3.0	4
3	Ne II spectral lines in the cathode sheath of an abnormal glow discharge. <i>European Physical Journal D</i> , 2021, 75, 1.	1.3	5
4	Application of $\hbar \mathbf{K} \cdot \mathbf{g} = 0$ hydrogen band for the axial temperature measurement in the cathode sheath region of an abnormal glow discharge. <i>European Physical Journal D</i> , 2021, 75, 1.	1.3	1
5	Study of the Ar II spectral line shape in the cathode sheath region of glow discharge. <i>AIP Advances</i> , 2021, 11, .	1.3	4
6	Q-branch of fulcher- $\hat{\pm}$ diagonal bands for determination of the axial temperature distribution in the cathode sheath region of hydrogen and hydrogen-argon abnormal glow discharge. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 254, 107195.	2.3	2
7	Complex UV Ne II line shapes in the cathode sheath of an abnormal glow discharge. <i>Plasma Sources Science and Technology</i> , 2020, 29, 085008.	3.1	6
8	Semiclassical calculations of stark broadening parameters of He I lines revisited. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 217, 278-287.	2.3	3
9	Measurement of the DC Stark shift for visible Ne I lines and electric field distribution in the cathode sheath of an abnormal glow discharge. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 125201.	2.8	16
10	Semiclassical calculations of electron impact Stark widths and shifts of singly ionized atom lines revisited. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 198, 9-24.	2.3	4
11	Stark width and shift for electron number density diagnostics of low temperature plasma: Application to silicon Laser Induced Breakdown Spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 131, 79-92.	2.9	26
12	Stark effect of Ar I lines for electric field strength diagnostics in the cathode sheath of glow discharge. <i>Europhysics Letters</i> , 2017, 119, 55001.	2.0	14
13	Spectroscopic application of an iterative kinetic cathode sheath model to high voltage hollow cathode glow discharge in hydrogen. <i>Journal of Applied Physics</i> , 2016, 119, .	2.5	16
14	Stark shift of neutral helium lines in low temperature dense plasma and the influence of Debye shielding. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 2969-2979.	4.4	3
15	The discharge for plasma Stark shift measurement and results for He I 706.522 nm line. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2015, 161, 197-202.	2.3	4
16	Hydrogen Balmer beta: The separation between line peaks for plasma electron density diagnostics and self-absorption test. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2015, 154, 1-8.	2.3	22
17	Spectroscopic application of an iterative kinetic model of the cathode-fall region in a hydrogen abnormal glow discharge. <i>Plasma Sources Science and Technology</i> , 2014, 23, 012004.	3.1	17
18	Development and Testing of a Self-Triggered Spark Reactor for Plasma Driven Dry Reforming of Methane. <i>Plasma Processes and Polymers</i> , 2014, 11, 787-797.	3.0	30

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19	Spectroscopic and electric characterization of an atmospheric pressure segmented gas discharge with micro hollow electrodes. <i>European Physical Journal D</i> , 2014, 68, 1.	1.3	5
20	Stark broadening measurement of Al II lines in a laser-induced plasma. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2014, 133, 652-662.	2.3	40
21	The study of a homogeneous column of argon plasma at a pressure of 0.5 torr, generated by means of the Beenakker's cavity. <i>European Physical Journal D</i> , 2014, 68, 1.	1.3	10
22	Ne λ spectral line shapes in Grimm-type glow discharge. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 2058-2063.	3.0	13
23	The Beenakker's Cavity for Uniform Column of Nonequilibrium Argon Plasma Generation: Experiment and 3-D Modeling. <i>IEEE Transactions on Plasma Science</i> , 2014, 42, 2836-2837.	1.3	0
24	Neutral lithium spectral line 460.28 nm with forbidden component for low temperature plasma diagnostics of laser-induced plasma. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 100, 86-97.	2.9	5
25	Stark broadening of the He I 492.2 nm line with forbidden components in dense low-temperature plasma. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2013, 127, 82-89.	2.3	7
26	Stark broadening of Mg I and Mg II spectral lines and Debye shielding effect in laser induced plasma. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013, 85, 20-33.	2.9	34
27	Ar I and Ne I spectral line shapes for an abnormal glow discharge diagnostics. <i>Plasma Sources Science and Technology</i> , 2013, 22, 045015.	3.1	20
28	Spectroscopic diagnostics of microhollow gas discharge in hydrogen. <i>Journal of Applied Physics</i> , 2012, 111, 096103.	2.5	5
29	The Influence of Small Hydrogen Admixtures up to 5% to a Low Pressure Nonuniform Microwave Discharge in Nitrogen. <i>Plasma Chemistry and Plasma Processing</i> , 2012, 32, 1093-1108.	2.4	7
30	Electric field distribution in the cathode-fall region of an abnormal glow discharge in hydrogen: experiment and theory. <i>Plasma Sources Science and Technology</i> , 2012, 21, 025006.	3.1	30
31	Hydrogen Balmer lines for low electron number density plasma diagnostics. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2012, 76, 16-26.	2.9	155
32	Spectroscopic study of plasma during electrolytic oxidation of magnesium- and aluminium-alloy. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2012, 113, 1928-1937.	2.3	74
33	Spectroscopic and real-time imaging investigation of tantalum plasma electrolytic oxidation (PEO). <i>Surface and Coatings Technology</i> , 2011, 205, 5406-5413.	4.8	80
34	Spectroscopic characterization of plasma during electrolytic oxidation (PEO) of aluminium. <i>Surface and Coatings Technology</i> , 2011, 206, 24-28.	4.8	66
35	Plasma diagnostics using the He I 447.1 nm line at high and low densities. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 194010.	2.8	10
36	A contribution to spectroscopic diagnostics and cathode sheath modeling of micro-hollow gas discharge in argon. <i>Journal of Applied Physics</i> , 2011, 110, 033305.	2.5	10

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37	Spectroscopic diagnostics of laser-induced plasmas. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2010, 65, 593-602.	2.9	82
38	A simple line shape technique for electron number density diagnostics of helium and helium-seeded plasmas. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2010, 65, 234-240.	2.9	20
39	Criticism of the paper "Selective atomic hydrogen heating in plasmas: Implications for quantum theory" by Jonathan Phillips, Int J Hydrogen Energy 34 (2009) 9816-9823. International Journal of Hydrogen Energy, 2010, 35, 5763-5763.	7.1	0
40	Spectroscopic study of an electrode microwave discharge in argon and argon-hydrogen mixtures. Vacuum, 2010, 85, 187-192.	3.5	6
41	Simultaneous plasma and electric field diagnostics of microdischarge from hydrogen Balmer line shape. Applied Physics Letters, 2010, 96, 241501.	3.3	14
42	Influence of thin porous Al ₂ O ₃ layer on aluminum cathode to the H β line shape in glow discharge. Journal of Applied Physics, 2009, 105, .	2.5	4
43	On the use of non-hydrogenic spectral lines for low electron density and high pressure plasma diagnostics. Plasma Sources Science and Technology, 2009, 18, 035011.	3.1	54
44	Doppler spectroscopy of hydrogen Balmer lines in a hollow cathode glow discharge in argon-methane and argon-acetylene mixture. Chemical Physics, 2009, 361, 180-184.	1.9	2
45	Spectroscopic study of hydrogen Balmer lines in a microwave-induced discharge. Journal of Applied Physics, 2009, 105, .	2.5	9
46	Optical emission spectroscopy for simultaneous measurement of plasma electron density and temperature in a low-pressure microwave induced plasma. Physics of Plasmas, 2009, 16, .	1.9	15
47	Doppler spectroscopy of hydrogen Balmer lines in a hollow cathode water vapour and argon-water vapour glow discharge. Journal Physics D: Applied Physics, 2008, 41, 235202.	2.8	12
48	A roundtable on the first 50 years of quantum theories of Stark broadening. , 2008, , .		1
49	Separation between Allowed and Forbidden Component of the He I 447 nm Line in High Electron Density Plasma. , 2008, , .		0
50	Anomalous Broadening of Balmer H β Line in Aluminum and Copper Hollow Cathode Glow Discharges. , 2008, , .		1
51	Anomalous Broadening of Hydrogen Balmer Lines in Electric Gas Discharges. , 2008, , .		0
52	Doppler spectroscopy of hydrogen Balmer lines in a hollow cathode glow discharge in ammonia and argon-ammonia mixture. Physics of Plasmas, 2008, 15, 113501.	1.9	3
53	Spectroscopic study of high energy excited deuterium atoms in a hollow cathode glow discharge. Physics of Plasmas, 2007, 14, 043504.	1.9	8
54	Rotational and vibrational temperatures of molecular hydrogen in a hollow cathode glow discharge. Plasma Sources Science and Technology, 2007, 16, 750-756.	3.1	22

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55	Excessive Doppler broadening of the H β line in a hollow cathode glow discharge. European Physical Journal D, 2007, 41, 143-150.	1.3	20
56	Temperature Dependence of Stark Broadening Dominated by Strong Collisions. AIP Conference Proceedings, 2006, , .	0.4	1
57	On the Stark broadening of Sr ⁺ and Ba ⁺ resonance lines in ultracold neutral plasmas. European Physical Journal D, 2006, 40, 57-63.	1.3	10
58	On simultaneous determination of electron impact width, ion-broadening and ion-dynamic parameter from the shape of plasma broadened non-hydrogenic atom line. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 1773-1785.	1.5	7
59	Excessive hydrogen and deuterium Balmer lines broadening in a hollow cathode glow discharges. European Physical Journal D, 2005, 32, 347-354.	1.3	38
60	Stark broadening of 3s ³ P ^o \leftrightarrow 3p ³ D and 3p ³ D \leftrightarrow 3d ³ F ^o transitions along carbon isoelectronic sequences of ions revisited. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 715-728.	1.5	8
61	Excessive broadening of hydrogen Balmer lines for discharge-surface interaction monitoring. Applied Physics Letters, 2005, 86, 251502.	3.3	11
62	Excessive Balmer line broadening in a plane cathode abnormal glow discharge in hydrogen. Journal of Applied Physics, 2005, 97, 033302.	2.5	47
63	On the Stark broadening of Ne I lines and quasi-static versus ion impact approximation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 1249-1259.	1.5	5
64	Intensity dependence of hydrogen Lyman alpha and Balmer alpha lines upon cathode material of an abnormal glow discharge. European Physical Journal D, 2004, 28, 393-398.	1.3	14
65	Low electron density diagnostics: development of optical emission spectroscopic techniques and some applications to microwave induced plasmas. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2004, 59, 591-605.	2.9	84
66	Excessive Balmer line broadening in microwave-induced discharges. Journal of Applied Physics, 2004, 95, 24-29.	2.5	27
67	Doppler spectroscopy of hydrogen and deuterium balmer alpha line in an abnormal glow discharge. IEEE Transactions on Plasma Science, 2003, 31, 444-454.	1.3	55
68	Experimental Stark Widths and Shifts for Spectral Lines of Neutral and Ionized Atoms (A Critical) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 Reference Data, 2002, 31, 819-927.	4.2	365
69	A program for the evaluation of electron number density from experimental hydrogen balmer beta line profiles. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2002, 57, 987-998.	2.9	42
70	Parametric study of an atmospheric pressure microwave-induced plasma of the mini MIP torch \hat{a} II. Two-dimensional spatially resolved excitation temperature measurements. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2001, 56, 2419-2428.	2.9	11
71	Deconvolution of plasma broadened non-hydrogenic neutral atom lines. Journal of Quantitative Spectroscopy and Radiative Transfer, 2001, 70, 67-74.	2.3	19
72	On Modeling of the Spectral Line Shape of Heavy Neutral Nonhydrogen-Like Emitters. Journal of Applied Spectroscopy, 2001, 68, 902-910.	0.7	4

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73	On the use of non-hydrogenic spectral line profiles for plasma electron density diagnostics. Plasma Sources Science and Technology, 2001, 10, 356-363.	3.1	18
74	Experimental Study of LSCoupling Along Isoelectronic Sequences. Physica Scripta, 2001, 64, 448-451.	2.5	0
75	Electron temperature measurements in medium electron density plasmas. Journal of Quantitative Spectroscopy and Radiative Transfer, 2000, 66, 571-579.	2.3	3
76	Stark line broadening of $3s \rightarrow 3p$ and $3p \rightarrow 3d$ transitions of doubly ionized C, N, O, F and Ne. Journal of Quantitative Spectroscopy and Radiative Transfer, 2000, 67, 9-20.	2.3	13
77	Parametric study of an atmospheric pressure microwave-induced plasma of the mini MIP torch " I. Two-dimensional spatially resolved electron-number density measurements. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2000, 55, 1879-1893.	2.9	33
78	Title is missing!. Journal of Applied Spectroscopy, 2000, 67, 910-918.	0.7	11
79	Systematic experimental study of the Stark broadening of C. , 1999, , .		1
80	Stark Broadening of Spectral Lines of Singly Ionized C, N, O, F and Ne. Physica Scripta, 1999, 59, 374-378.	2.5	26
81	STARK BROADENING PARAMETERS OF ANALOGOUS SPECTRAL LINES ALONG THE LITHIUM AND BERYLLIUM ISOELECTRONIC SEQUENCES. Journal of Quantitative Spectroscopy and Radiative Transfer, 1999, 61, 361-375.	2.3	29
82	Plasma broadening and shifting of non-hydrogenic spectral lines: present status and applications. Physics Reports, 1999, 316, 339-401.	25.6	328
83	Plasma broadened 419.07 nm and 419.10 nm neutral argon lines. , 1999, , .		0
84	Electric field measurement in the cathode fall region of a glow discharge in helium. Applied Physics Letters, 1997, 70, 1521-1523.	3.3	80
85	Emission Spectroscopy of the Cathode Fall Region of an Analytical Glow Discharge. European Physical Journal Special Topics, 1997, 07, C4-247-C4-258.	0.2	4
86	Spectroscopic study of the cathode fall region of Grimm-type glow discharge in helium. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1997, 52, 745-753.	2.9	36
87	On the use of non-hydrogenic spectral line profiles for electron density diagnostics of inductively coupled plasmas. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1997, 52, 2077-2084.	2.9	39
88	Stark width and shift temperature dependence of the Ar I 425.9 nm line. Journal of Quantitative Spectroscopy and Radiative Transfer, 1997, 57, 695-701.	2.3	13
89	Spectroscopic investigations of a cathode fall region of the Grimm-type glow discharge. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1996, 51, 1707-1731.	2.9	118
90	Plasma broadening and shifting of spectral lines along the isoelectronic sequence of boron. Physical Review E, 1996, 54, 743-756.	2.1	20

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91	Experimental study of the He I P^2 line shape. AIP Conference Proceedings, 1995, , .	0.4	0
92	Influence of ion-dynamics on the shift of Ca I 8500.17-Å spectral line in plasma. AIP Conference Proceedings, 1995, , .	0.4	0
93	Search for ion dynamics effects on the shift and width of plasma-broadened C I and O I spectral lines. Physical Review E, 1995, 51, 613-618.	2.1	13
94	Influence of ion dynamics on the width and shift of isolated He I lines in plasmas. II. Physical Review E, 1995, 51, 4891-4896.	2.1	26
95	Experimental study of the influence of ion-dynamics to the shape of He I P^1 and P^2 lines. Physica Scripta, 1995, 52, 178-183.	2.5	7
96	Stark broadening of triply ionized oxygen lines: The temperature dependence. Physical Review E, 1994, 50, 2986-2990.	2.1	10
97	On the atomic hydrogen line shapes in a plane-cathode obstructed glow discharge. Physica Scripta, 1994, 50, 487-492.	2.5	27
98	Simple method for deconvolution of a Gaussian and a plasma broadened spectral line profile $J_A, R(\lambda)$. Journal of Quantitative Spectroscopy and Radiative Transfer, 1993, 50, 329-335.	2.3	25
99	Plasma broadening of Ne II ϵ and F IV ν spectral lines. Physical Review E, 1993, 47, 3623-3630.	2.1	25
100	Line shapes of atomic hydrogen in a plane-cathode abnormal glow discharge. Physical Review A, 1992, 46, 4429-4432.	2.5	71
101	Regularities in experimental stark shifts. Journal of Quantitative Spectroscopy and Radiative Transfer, 1992, 47, 185-200.	2.3	47
102	Plasma diagnostics of the Grimm-type glow discharge. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1992, 47, 1173-1186.	2.9	77
103	Stark broadening of the He I 4471 Å... line and its forbidden component at high electron densities. Journal of Quantitative Spectroscopy and Radiative Transfer, 1991, 46, 447-453.	2.3	11
104	IR-Laser light coupling to metal surfaces. Infrared Physics, 1991, 32, 177-189.	0.5	2
105	Stark broadening of halogen atom lines from (1 D) n p levels. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1990, 16, 255-260.	1.0	3
106	A review of the stark widths and shifts of spectral lines from non-hydrogenic atoms and ions in weakly-coupled plasmas and experimental results for Xe I and Xe II lines. Journal of Quantitative Spectroscopy and Radiative Transfer, 1990, 44, 61-70.	2.3	12
107	Laser-plasma generation of currents along a conductive target. Journal of Applied Physics, 1990, 68, 3140-3146.	2.5	10
108	Plasma shift and broadening of analogous transitions of Si II, Cl III, Ar IV, Cl II, and Ar III. Physical Review A, 1990, 41, 6023-6031.	2.5	19

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109	Experimental Stark widths and shifts for spectral lines of neutral and ionized atoms. Journal of Physical and Chemical Reference Data, 1990, 19, 1307-1385.	4.2	258
110	Influence of ion dynamics on the width and shift of isolated He I lines in plasmas. Physical Review A, 1989, 40, 3871-3879.	2.5	42
111	Stark broadening and shift of Kr I and Kr II lines in dense plasma. Journal of Physics B: Atomic, Molecular and Optical Physics, 1989, 22, 2517-2525.	1.5	15
112	CO ₂ Laser-induced plasma formation on a copper surface covered by dielectric particles. Applied Physics A: Solids and Surfaces, 1989, 48, 283-287.	1.4	2
113	Stark shift and broadening of F I and Cl II lines. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1988, 10, 425-430.	1.0	12
114	Stark broadening and shift of neutral iodine lines and regularities for analogous transitions of halogene atoms. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1988, 11, 113-118.	1.0	5
115	Stark broadening of the singly ionized xenon line: Temperature variation. Physical Review A, 1988, 38, 5742-5744.	2.5	14
116	Plasma shift of the He II π line. Physical Review A, 1988, 37, 1021-1024.	2.5	15
117	Stark broadening and shift of neutral bromine lines. Journal of Physics B: Atomic, Molecular and Optical Physics, 1988, 21, 739-748.	1.5	8
118	Stark broadening of spectral lines of homologous, doubly-ionized inert gases. Journal of Quantitative Spectroscopy and Radiative Transfer, 1987, 37, 311-318.	2.3	29
119	On plasma surface coupling of 1.06 μ m laser radiation with copper targets. Optics Communications, 1987, 61, 211-214.	2.1	2
120	On plasma surface coupling of 10.6 μ m laser radiation with copper targets. Optics Communications, 1987, 63, 248-252.	2.1	6
121	Stark broadening of singly ionized neon lines. Journal of Quantitative Spectroscopy and Radiative Transfer, 1986, 35, 473-477.	2.3	9
122	Experimental study of Stark broadened N II lines from states of high orbital angular momentum. Journal of Quantitative Spectroscopy and Radiative Transfer, 1986, 36, 289-294.	2.3	4
123	Stark broadening along homologous sequences of singly ionized noble gases. Journal of Quantitative Spectroscopy and Radiative Transfer, 1986, 35, 247-253.	2.3	24
124	Stark broadening of the He I 4471-Å line and its forbidden component in dense cool plasma. Physical Review A, 1986, 33, 1349-1355.	2.5	19
125	Stark broadening of potassium lines. Physical Review A, 1985, 32, 673-675.	2.5	7
126	Experimental Stark Widths and Shifts for Spectral Lines of Positive Ions (A Critical Review and) Tj ETQqO O O rgBT /Overlock 10 Tf 50 67 Data, 1984, 13, 649-686.	4.2	91

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127	Experimental Stark Widths and Shifts for Spectral Lines of Neutral Atoms (A Critical Review of) Tj ETQq1 1 0.784314 rgBT /Overlock 10 619-647.	4.2	137
128	Stark broadening of isolated spectral lines of heavy elements in plasmas. Journal of Quantitative Spectroscopy and Radiative Transfer, 1983, 30, 45-54.	2.3	38
129	Regularities and similarities in plasma broadened spectral line widths (Stark widths). Journal of Quantitative Spectroscopy and Radiative Transfer, 1982, 28, 185-198.	2.3	98
130	Semiclassical calculations of electron impact Stark widths of S(III), Cl(III) and S(IV) isolated lines. Journal of Quantitative Spectroscopy and Radiative Transfer, 1982, 27, 203-205.	2.3	2
131	Modified Semiempirical Formula for the Electron-Impact Width of Ionized Atom Lines: Theory and Applications. , 1981, , 211-240.		13
132	On the stark broadening of ionized nitrogen lines. Journal of Quantitative Spectroscopy and Radiative Transfer, 1981, 25, 387-392.	2.3	7
133	Experimental study of CS ₂ /O ₂ / additive flame laser output spectra. Physics Letters, Section A: General, Atomic and Solid State Physics, 1980, 77, 435-437.	2.1	2
134	Stark widths of doubly- and triply-ionized atom lines. Journal of Quantitative Spectroscopy and Radiative Transfer, 1980, 24, 451-459.	2.3	239
135	The importance of the pulse shape for the laser-beam target interaction. Optics and Laser Technology, 1980, 12, 145-147.	4.6	1
136	Design and performance of a small CS ₂ /O ₂ /additive flame laser. Review of Scientific Instruments, 1980, 51, 658-662.	1.3	2
137	Test for ion dynamic dependence of plasma red shifts in neutral hydrogen. Physical Review A, 1979, 20, 1195-1196.	2.5	20
138	Stark broadening of S(III) and S(IV) lines. Journal of Quantitative Spectroscopy and Radiative Transfer, 1979, 22, 333-335.	2.3	13
139	Experimental stark widths of C(II)u.v. lines. Journal of Quantitative Spectroscopy and Radiative Transfer, 1978, 20, 477-479.	2.3	6
140	On the temperature dependence of Gaunt factors. Journal of Quantitative Spectroscopy and Radiative Transfer, 1978, 20, 223-226.	2.3	5
141	Stark broadening of Si III and Si IV lines. Journal of Physics B: Atomic and Molecular Physics, 1977, 10, 2997-3004.	1.6	10
142	Wavelength tuning of nitrogen pumped dye laser. Optics Communications, 1977, 23, 187-188.	2.1	0
143	On the Thermal Conductivity of Hydrogen at Elevated Temperatures. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1976, 31, 1042-1045.	1.5	9
144	Correction for refractive-ray bending in axially-symmetric plasma sources. Journal of Quantitative Spectroscopy and Radiative Transfer, 1976, 16, 15-19.	2.3	0

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145	A critical review of the Stark widths and shifts of spectral lines from non-hydrogenic atoms. Journal of Physical and Chemical Reference Data, 1976, 5, 209-257.	4.2	189
146	Experimental Stark widths and shifts for non-hydrogenic spectral lines of ionized atoms. Journal of Physical and Chemical Reference Data, 1976, 5, 259-308.	4.2	163
147	Stark Broadening of A III and AIV Lines. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1975, 30, 212-215.	1.5	22
148	He-Ne Laser for Intra-Cavity Enhanced Absorption Measurement. Spectroscopy Letters, 1974, 7, 615-620.	1.0	12
149	Refractive-ray bending in axially- symmetric plasma sources. Journal of Quantitative Spectroscopy and Radiative Transfer, 1974, 14, 389-394.	2.3	2
150	Stark broadening and shift of some isolated spectral lines of singly ionised earth alkaline metals. Zeitschrift F�ur Physik A, 1973, 262, 169-179.	0.9	32
151	Dye Laser for Absorption Trace Analysis of Sodium. Spectroscopy Letters, 1973, 6, 177-181.	1.0	14
152	Stark shifts of some isolated spectral lines of singly ionized earth alkaline metals. European Physical Journal A, 1972, 249, 440-444.	2.5	60
153	Stark broadening and shift of fluorine I lines. Zeitschrift F�ur Physik A, 1972, 257, 235-244.	0.9	4
154	Stark shifts of Cl I and Cl II lines. Physics Letters, Section A: General, Atomic and Solid State Physics, 1971, 37, 425-426.	2.1	4
155	Stark broadening of singly ionized strontium and calcium lines. Zeitschrift F�ur Physik A, 1971, 247, 216-222.	0.9	17
156	Electron impact broadening of ionized chlorine lines. Journal of Physics B: Atomic and Molecular Physics, 1971, 4, 1541-1547.	1.6	11
157	Measurement of the Stark broadening parameters of some singly ionized argon lines. Zeitschrift F�ur Physik A, 1970, 235, 35-43.	0.9	32
158	Experimental study of the stark broadening of neutral chlorine lines. Physics Letters, Section A: General, Atomic and Solid State Physics, 1970, 32, 420-421.	2.1	6
159	Investigation of the Stark broadening of several Cl II lines. Journal of Physics B: Atomic and Molecular Physics, 1970, 3, 1742-1748.	1.6	5
160	Measurements of the Stark broadening parameters of several Si II lines. Journal of Physics B: Atomic and Molecular Physics, 1970, 3, 999-1003.	1.6	19
161	Electron density measurements during a current perturbation of a wall stabilized argon arc. Zeitschrift F�ur Physik A, 1968, 208, 65-72.	0.9	1
162	Determination of some transport properties of argon from transient arc behaviour. Zeitschrift F�ur Physik A, 1968, 214, 109-126.	0.9	2

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163	Measurement of arc electron densities using a CO2 laser. Physics Letters, Section A: General, Atomic and Solid State Physics, 1968, 28, 309-310.	2.1	1
164	Laser interferometric measurements of electron density in an arc plasma. European Physical Journal A, 1967, 204, 443-455.	2.5	14