Photoionization and Absorption Cross Sections of O2 ar

Journal of Chemical Physics

41, 321-336

DOI: 10.1063/1.1725870

Citation Report

#	Article	IF	Citations
1	On the quantum efficiencies of twenty alkali halides in the 12â€“21 eV region. Journal of Physics and Chemistry of Solids, 1965, 26, 1879-1887.	4.0	100
2	Partial photoionization cross sections for molecular oxygen. Physics Letters, 1965, 19, 387-388.	2.1	10
3	Spectral quantum yield of metallic and nonmetallic photocathodes in the 95-20nm region. Journal of Applied Spectroscopy, 1965, 3, 1-4.	0.7	2
4	Intrinsic Photoemission of Alkali Halides. Physical Review, 1965, 137, A953-A959.	2.7	69
5	Intensity Distribution in the N2 k(b 1Îu)â†X 1Î£g+ Transition. Journal of Chemical Physics, 1965, 43, 3769-3771.	3.0	30
6	Isotope Effects on Vibrational Transition Probabilities. III. Ionization of Isotopic H2, N2, O2, NO, CO, and HCl Molecules. Journal of Chemical Physics, 1965, 43, 1503-1509.	3.0	60
7	Flux Distribution of the Hopfield Helium Continuum from the Photoionization of Ar, Kr, and Xe. Journal of the Optical Society of America, 1965, 55, 516.	1.2	44
8	Photoionization and Absorption Cross Sections and Fluorescence of CF4. Journal of Chemical Physics, 1965, 43, 1794-1797.	3.0	36
9	Absorption Spectrum of Activated Nitrogen in the 600â€“1100â€Ã... Region. Journal of Chemical Physics, 1966, 45, 3205-3213.	3.0	15
10	Absorption, Photoionization, and Fluorescence of CO2. Journal of Chemical Physics, 1966, 44, 2935-2942.	3.0	73
11	Spectroscopy in the Vacuum Ultraviolet. Advances in Atomic and Molecular Physics, 1966, 2, 93-176.	2.0	17
12	An open cathodoluminescent shortwave ultraviolet radiation receiver. Journal of Applied Spectroscopy, 1966, 4, 191-193.	0.7	0
13	Photo-Absorption cross sections of molecular oxygen between 1250 Ã... and 2350 Ã.... Journal of Quantitative Spectroscopy and Radiative Transfer, 1966, 6, 451-459.	2.3	75
14	Electrical Precursors of Ionizing Shock Waves. Physics of Fluids, 1966, 9, 336.	1.4	16
15	Ionization of Molecules at Low Energies. Journal of Chemical Physics, 1966, 45, 1228-1245.	3.0	326
16	New Absorption Spectra of Atomic and Molecular Oxygen in the Vacuum Ultraviolet. I. Rydberg Series from O I Ground State and New Excited O2 Bands. Journal of Chemical Physics, 1967, 46, 2213-2233.	3.0	78
17	Determination of Partial Photoionization Cross Sections by Photoelectron Spectroscopy. Journal of Chemical Physics, 1967, 47, 1038-1044.	3.0	76
18	Microwave resonant cavity measurement of shock produced electron precursors.. AIAA Journal, 1967, 5, 70-77.	2.6	29

#	Article	IF	Citations
19	Dipole properties of molecular nitrogen. Proceedings of the Physical Society, 1967, 92, 291-295.	1.6	30
20	(1960â€“1964). , 1967, , 138-274.		0
21	Mass-Spectrometric Study of Photoionization VI O_2, CO_2, COS, and CS_2â€. Journal of the Optical Society of America, 1967, 57, 1007.	1.2	159
22	Experimental Values of the Atomic Absorption Cross Section of Potassium Between 580 Ã... and 1000 Ã...*. Journal of the Optical Society of America, 1967, 57, 1471.	1.2	46
23	Electron impact cross sections for atmospheric species: 3. Molecular oxygen. Journal of Geophysical Research, 1967, 72, 3961-3966.	3.3	78
24	Measurement of light intensity and quantum yield in photoelectric emission in absolute units in the range 30?100 nm. Journal of Applied Spectroscopy, 1968, 8, 130-134.	0.7	0
25	Photoionization and Absorption Coefficients of N_2O*. Journal of the Optical Society of America, 1968, 58, 129.	1.2	60
26	Fluorescence Spectra of the Excited Ion N2+Resulting from Vaccumâ€Ultraviolet Photon Impact on N2. Journal of Chemical Physics, 1968, 48, 4590-4596.	3.0	51
27	Rydberg Absorption Series and Ionization Energies of the Oxygen Molecule. I. Journal of Chemical Physics, 1968, 48, 4859-4867.	3.0	82
28	Absolute Oscillator Strengths of the Strongest Bands within the Dipoleâ€Allowed Absorption Spectrum of Nitrogen. Journal of Chemical Physics, 1968, 48, 1989-1994.	3.0	68
30	Pseudopotential Method for Inelastic Processes in Atoms and Molecules. II. Photoionization ofN2. Physical Review, 1969, 182, 141-151.	2.7	47
31	Photoionization and Absorption Coefficients of OCS. Journal of Chemical Physics, 1969, 51, 647-652.	3.0	31
32	Lowâ€Energy Electronâ€Impact Study of the 12â€“14â€eV Transitions in Nitrogen. Journal of Chemical Physics, 1969, 51, 2859-2865.	3.0	26
34	Photoionization, Absorption, and Fluorescence of CS2. Journal of Chemical Physics, 1969, 51, 2419-2424.	3.0	26
35	Atmospheric implications of predissociation in N₂. Journal of Geophysical Research, 1969, 74, 393-395.	3.3	17
36	Precursor plasma formation for blunt reentry vehicles. , 1969, , .		2
38	Excitation and radiative transport of OI 1304 Ã... resonance radiationâ€”I. Planetary and Space Science, 1970, 18, 661-689.	1.7	85
39	Excitation and radiative transport of OI 1304 Ã... resonance radiationâ€”II. Planetary and Space Science, 1970, 18, 691-697.	1.7	17

#	Article	IF	Citations
40	Effect of autoionization on the production rates of vibrationally excited O2+ by solar photoionization. Journal of Quantitative Spectroscopy and Radiative Transfer, 1970, 10, 1129-1142.	2.3	35
41	K shell excitation of nitrogen and carbon monoxide by electron impact. Chemical Physics Letters, 1970, 7, 161-164.	2.6	61
42	Atomic processes in the polar cap. Journal of the Franklin Institute, 1970, 290, 227-261.	3.4	9
43	Oscillator Strengths of the Hopfield Absorption Series of N2. Journal of Chemical Physics, 1970, 53, 1292-1293.	3.0	5
44	Photoionization cross section of O₂(¹Î”_g) at wavelengths between 1035 and 1118 A. Journal of Geophysical Research, 1970, 75, 699-700.	3.3	9
45	Calculation of the photoionization cross section of N2from first threshold at 500 AA. Journal of Physics B: Atomic and Molecular Physics, 1970, 3, 293-305.	1.6	31
46	The absolute cross section for photoionization of O2(1Î”g). Molecular Physics, 1970, 18, 523-531.	1.7	29
47	Dissociation by Electron Impact of Oxygen into Metastable Quintet and Longâ€Lived Highâ€Rydberg Atoms. Journal of Chemical Physics, 1971, 54, 3125-3141.	3.0	112
48	Critical review of ultraviolet photoabsorption cross sections for molecules of astrophysical and aeronomic interest. Reviews of Geophysics, 1971, 9, 305-406.	23.0	355
49	Photoionization and Absorption Spectrum of Formaldehyde in the Vacuum Ultraviolet. Journal of Chemical Physics, 1971, 55, 5471-5479.	3.0	121
50	On the photoionization cross section and Rydberg series of O2(X3Î£-g). Journal of Quantitative Spectroscopy and Radiative Transfer, 1971, 11, 391-397.	2.3	5
51	Vacuum ultraviolet reflection spectrum of solid oxygen. Optics Communications, 1971, 3, 137-140.	2.1	3
52	Number densities of atomic oxygen and molecular nitrogen in the thermosphere. Planetary and Space Science, 1971, 19, 801-812.	1.7	10
53	Mars: Has Nitrogen Escaped?. Science, 1971, 174, 944-945.	12.6	53
54	Photoionization Excitation of the A 2Îu State of O2+. Journal of Chemical Physics, 1971, 54, 1832-1833.	3.0	3
55	Ionizing Gas Breakdown Waves in Strong Electric Fields. Physics of Fluids, 1972, 15, 1969.	1.4	49
56	Photoionization of Vibrationally Excited Nitrogen. Journal of Chemical Physics, 1972, 56, 1388-1399.	3.0	20
57	Photoionization and photoabsorption cross sections for ionospheric calculations. Journal of Atmospheric and Solar-Terrestrial Physics, 1972, 34, 1691-1701.	0.9	46

#	Article	IF	Citations
58	The Spectrum of Molecular Oxygen. Journal of Physical and Chemical Reference Data, 1972, 1, 423-534.	4.2	919
59	Cross sections for the production of excited products in the photoionization of N2, O2, CO, and N2O by 58.4-nm radiation. Journal of Geophysical Research, 1972, 77, 6262-6265.	3.3	6
60	Highâ€Resolution N2 Absorption Study from 730 to 980 Ã.... Journal of Chemical Physics, 1972, 56, 4195-4205.	3.0	94
61	Autoionizing levels of N2 converging to the A2Îu and B2Î£+u limits. International Journal of Mass Spectrometry and Ion Physics, 1972, 10, 143-155.	1.3	21
62	Autoionization and the photoelectron spectra of oxygen. International Journal of Mass Spectrometry and Ion Physics, 1973, 11, 461-474.	1.3	31
63	The absorption cross sections of N2, O2, CO, NO, CO2, N2O, CH4, C2H4, C2H6 and C4H10 from 180 to 700Ã.... Journal of Quantitative Spectroscopy and Radiative Transfer, 1973, 13, 1023-1031.	2.3	176
64	Molecular spectra and optical investigation of dissociation and ionization of simple gases by electron collisions. Journal of Molecular Structure, 1973, 19, 729-736.	3.6	2
65	Photodissociation continuums of N₂and O₂. Journal of Geophysical Research, 1973, 78, 1663-1667.	3.3	8
66	Photoabsorption coefficients of molecular nitrogen in the 300-700 AA region. Journal of Physics B: Atomic and Molecular Physics, 1973, 6, L148-L150.	1.6	17
67	Vacuum ultraviolet absorption spectra of fluoromethanes. Journal of Chemical Physics, 1973, 59, 762-765.	3.0	42
68	Stieltjes imaging of photoabsorption and dispersion profiles. Journal of Chemical Physics, 1974, 61, 146-159.	3.0	126
69	Formation ofN2+BÎ£u+2andN2CÎu3in collisions ofH+and H withN2. Physical Review A, 1974, 10, 550-562.	2.5	44
70	Electroionization spectrum ofO2. Physical Review A, 1974, 9, 1898-1901.	2.5	16
71	Formation of O3+ by the reaction of metastable O2+ ions with O2. Journal of Chemical Physics, 1974, 61, 3152-3154.	3.0	23
72	Experimentally determined oscillator strengths for molecular hydrogenâ€"I. The Lyman and Werner bands above 900Ã.... Journal of Quantitative Spectroscopy and Radiative Transfer, 1974, 14, 523-535.	2.3	30
73	Theory and computer model of the lightning stepped leader. Journal of Geophysical Research, 1974, 79, 865-869.	3.3	18
75	PSEUDOPOTENTIALS IN ATOMIC AND MOLECULAR PHYSICS. , 1975, , 299-368.		8
76	A photoionization study of the formation of CO+2 by reaction of excited O+2 ions with CO. Journal of Chemical Physics, 1975, 63, 1863-1867.	3.0	7

#	Article	IF	Citations
77	High resolution study of photoionization processes in O2. Journal of Chemical Physics, 1975, 62, 4525-4534.	3.0	176
78	Production of N2O+ by reaction of metastable O+2 ions with N2. Journal of Chemical Physics, 1975, 62, 2917-2918.	3.0	7
79	Metastable Â²Poxygen ions in the daytime thermosphere. Journal of Geophysical Research, 1975, 80, 1026-1029.	3.3	32
80	Computer simulation of a nitrogen discharge at high overvoltages. Journal Physics D: Applied Physics, 1976, 9, 491-505.	2.8	57
81	Atomic nitrogen densities in the thermosphere. Geophysical Research Letters, 1976, 3, 1-4.	4.0	35
82	Extension of Rydberg absorption series of N2,. Journal of Molecular Spectroscopy, 1976, 61, 403-411.	1.2	21
83	A photoionization study of the charge transfer reactions: Xe+ + O2 â†' O+2 + Xe and O+2 + Xe â†' Xe+ + O2. Chemical Physics Letters, 1976, 44, 344-347.	2.6	6
84	Electron impact induced electronic excitation and molecular dissociation. International Journal for Radiation Physics and Chemistry, 1976, 8, 257-282.	0.8	53
85	Calculation of the molecular photoionization cross sections in the UV region. I. Diatomic molecules.. Journal of Electron Spectroscopy and Related Phenomena, 1976, 9, 149-167.	1.7	54
86	Photoelectron measurements associated with the Hopfield bands of N2. Journal of Physics B: Atomic and Molecular Physics, 1976, 9, L377-L381.	1.6	14
87	Efficiencies for production of atomic nitrogen and oxygen by relativistic proton impact in air. Journal of Chemical Physics, 1976, 65, 154-167.	3.0	290
88	Photoionization and Rydberg states of N2. Journal of Chemical Physics, 1976, 64, 2421.	3.0	47
89	Energy loss spectra of Li+ ions (0.5â€"1.0 keV) in collision with N2 molecules. Journal of Chemical Physics, 1976, 65, 3952-3957.	3.0	12
90	Effects of partial cross sections on the energy distribution of slow secondary electrons. Journal of Chemical Physics, 1976, 64, 333-336.	3.0	13
91	Total and partial photoionization cross sections of N2from threshold to 100 AA. Journal of Physics B: Atomic and Molecular Physics, 1977, 10, 1749-1759.	1.6	75
92	Studies of Ar and N2 using threshold photoelectron spectroscopy by electron attachment (TPSA). Journal of Chemical Physics, 1977, 66, 4544-4550.	3.0	21
93	A photoionization study of the formation of NO2â€‰+ by reaction of excited O2â€‰+ ions with NO. Journal of Chemical Physics, 1977, 66, 1372-1374.	3.0	5
94	The spectrum of molecular nitrogen. Journal of Physical and Chemical Reference Data, 1977, 6, 113-307.	4.2	1,475

#	Article	IF	Citations
95	The O II (7319-7330 Ã...) dayglow. Journal of Geophysical Research, 1977, 82, 719-722.	3.3	80
96	Ion photochemistry of the thermosphere from Atmosphere Explorer C measurements. Journal of Geophysical Research, 1977, 82, 5485-5492.	3.3	44
97	Theoretical study of equilibrium nitrogen plasma radiation. Journal of Quantitative Spectroscopy and Radiative Transfer, 1977, 17, 471-482.	2.3	20
98	Total and partial photoionization cross-sections of O2 from 100 to 800 Ã.... Journal of Electron Spectroscopy and Related Phenomena, 1977, 12, 281-292.	1.7	103
99	Photoelectron flux in the earth's ionosphere. Planetary and Space Science, 1978, 26, 1161-1177.	1.7	58
100	Electron temperatures in the F region of the ionosphere: Theory and observations. Reviews of Geophysics, 1978, 16, 355-399.	23.0	419
101	The O⁺(Â²P) emission at 7320 Ã... in twilight. Journal of Geophysical Research, 1978, 83, 3311-3319.	3.3	31
102	Laboratory study of the O I (7990 Ã...) branching ratio. Journal of Geophysical Research, 1978, 83, 4393-4396.	3.3	24
103	Photoabsorption in molecular nitrogen: A moment analysis of discreteâ€basisâ€set calculations in the staticâ€exchange approximation. Journal of Chemical Physics, 1978, 68, 970-982.	3.0	123
104	Photoionization and photoabsorption cross sections of He, O, N2 and O2 for aeronomic calculations. Atomic Data and Nuclear Data Tables, 1979, 23, 63-81.	2.4	122
105	The effect of energetically produced O₂⁺ on the ion temperatures of the Martian thermosphere. Journal of Geophysical Research, 1979, 84, 3327-3338.	3.3	81
106	Ionization, luminosity, and heating of the upper atmosphere of Mars. Journal of Geophysical Research, 1979, 84, 7315-7333.	3.3	276
107	Photoreactions of Small Organic Molecules VII Photoionization Studies on the Ionâ€Pair Formation of the Fluorochloromethanes CF₂Cl₂, CF₃Cl, and CFCl₃. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1979, 83, 683-691.	0.9	39
108	Isotope selective two-step photoionization study of K2 in a supersonic molecular beam. Chemical Physics, 1980, 48, 253-267.	1.9	69
109	Experimental techniques in the study of absolute photoionization cross-sections. International Journal of Mass Spectrometry and Ion Physics, 1980, 33, 349-366.	1.3	5
110	Deexcitation of He RydbergSand manifold states byN2. Physical Review A, 1980, 22, 863-867.	2.5	15
111	Vibrational level populations in the autoionization of oxygen. Journal of Chemical Physics, 1980, 72, 6015-6019.	3.0	30
112	Measured branching ratios for O II Â²D and Â²P Transitions in the wavelength range 530 to 800 Ã.... Journal of Geophysical Research, 1981, 86, 3589-3593.	3.3	17

#	Article	IF	Citations
113	De-excitation rate constants of Ne(3P2, 3P1 and 3P0) by atoms and molecules as studied by the pulse radiolysis method. Chemical Physics, 1981, 63, 59-65.	1.9	40
114	A study of the ionâ€“molecule half reactions O+2(aÌƒ4Îu,v)â‹…â‹…â‹…(O2)mâ†'O+2m+1+O,m= 1, 2, or 3, using the molecular beam photoionization method. Journal of Chemical Physics, 1981, 74, 3348-3352.	3.0	33
115	Polarization of Fluorescence Following Molecular Photoionization. Physical Review Letters, 1981, 46, 907-910.	7.8	67
116	Molecular beam photoionization study of CO, N2, and NO dimers and clusters. Journal of Chemical Physics, 1981, 74, 3342-3347.	3.0	114
117	Elementary Attachment and Detachment Processes. II. Advances in Electronics and Electron Physics, 1981, 57, 1-144.	0.6	38
118	Electron transport in inhomogeneous anisotropically scattering medium; application to terrestrial atmosphere. Transport Theory and Statistical Physics, 1982, 11, 53-74.	0.4	0
119	Electron Impact Investigation of the Molecules SeS(g) and TeSe(g) Under Highâ€Temperature Equilibrium Conditions. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1983, 87, 355-361.	0.9	13
120	Photoionization of N2Xâ€‰1Î£+g,vâ€³=0 and 1 near threshold. Preionization of the Worleyâ€“Jenkins Rydberg series. Journal of Chemical Physics, 1984, 80, 1030-1038.	3.0	80
121	New vibrational assignments for the autoionization bands of O2 based on isotope shifts. Journal of Chemical Physics, 1984, 81, 3429-3437.	3.0	31
122	Precursor vacuum-ultraviolet radiation ahead of strong shock waves in a shock tube. Acta Mechanica Sinica/Lixue Xuebao, 1986, 2, 206-219.	3.4	2
123	Autoionising Rydberg series in the spectrum of N2. Journal of Physics B: Atomic and Molecular Physics, 1986, 19, L605-L612.	1.6	7
124	Assignments of autoionization states of O2. Journal of Quantitative Spectroscopy and Radiative Transfer, 1987, 37, 1-15.	2.3	43
125	The effect of autoionization on the O2 + X2? g vibrational branching ratios in the wavelength range 905?1,000 ï¿½. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1987, 4, 367-371.	1.0	10
126	Photoionization and photoelectron spectroscopy of O2 with coherent vacuum ultraviolet radiation. Journal of Chemical Physics, 1989, 91, 6632-6642.	3.0	21
127	Absolute optical oscillator strengths for the electronic excitation of atoms at high resolution: Experimental methods and measurements for helium. Physical Review A, 1991, 44, 186-204.	2.5	216
128	Photoionization and photoabsorption cross sections of O, N2, O2, and N for aeronomic calculations. Atomic Data and Nuclear Data Tables, 1992, 51, 321-363.	2.4	143
129	A study of the absolute photoabsorption cross section and the photionization quantum efficiency of nitrogen from the ionization threshold to 485 Ã…. Chemical Physics, 1992, 166, 379-391.	1.9	61
130	Absolute optical oscillator strengths for discrete and continuum photoabsorption of molecular nitrogen (11â€“200 eV). Chemical Physics, 1993, 170, 81-97.	1.9	140

#	Article	IF	Citations
131	A study of the absolute photoabsorption, photoionization and photodissociation cross sections and the photoionization quantum efficiency of oxygen from the ionization threshold to 490 Ã.... Chemical Physics, 1993, 173, 315-331.	1.9	72
132	The production and escape of nitrogen atoms on Mars. Journal of Geophysical Research, 1993, 98, 3297-3310.	3.3	142
133	An investigation of the photodissociation of molecular oxygen in the 75 to 85 nm region. Chemical Physics, 1996, 211, 291-297.	1.9	4
134	High resolution vuv photo-absorption cross sections of O2 near 83.4 nm. Journal of Electron Spectroscopy and Related Phenomena, 1996, 79, 387-390.	1.7	5
135	High-temperature, high-resolution cross sections of O2in the 83.4 nm region. Journal of Geophysical Research, 2000, 105, 5329-5334.	3.3	4
136	High-temperature, high-resolution photoabsorption cross sections of O2in the 108.5-nm region. Journal of Geophysical Research, 2001, 106, 5599-5603.	3.3	3
137	Fine-structure selectivity of neutral dissociation with excitation observed in O2. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 2581-2596.	1.5	11
138	FINE-STRUCTURE SELECTIVE PREDISSOCIATION OF O2. Surface Review and Letters, 2002, 09, 57-61.	1.1	0
139	Net emission coefficient of air thermal plasmas. Journal Physics D: Applied Physics, 2002, 35, 2925-2934.	2.8	138
140	Measurements of rovibronic line oscillator strengths of N2in the 83.4 nm region: A high-resolution high-temperature study. Journal of Geophysical Research, 2006, 111, .	3.3	2
141	Ion Pair Formation of Sulfur Dioxide in the Energy Range 14â€“20 eV. Zeitschrift Fur Physikalische Chemie, 2007, 221, 705-722.	2.8	5
142	Net emission of H₂Oâ€“airâ€“MgCl₂/CaCl₂/NaCl thermal plasmas. Journal Physics D: Applied Physics, 2008, 41, 205212.	2.8	18
143	Neutral dissociation of the I, Iâ€², and Iâ€³ vibronic progressions of O2. Journal of Chemical Physics, 2010, 132, 204303.	3.0	15
144	Mean absorption coefficient of H2Oâ€“airâ€“MgCl2/CaCl2/NaCl thermal plasmas. Journal Physics D: Applied Physics, 2012, 45, 485206.	2.8	11
145	Radiative Heat Loss of Electrical Discharge Machining Process Through Hydrocarbon Oil and Deionized Water Dielectric Liquids. Plasma Chemistry and Plasma Processing, 2012, 32, 369-392.	2.4	6
146	Null Variance Altitudes for the photolysis rate constants of species with barometric distribution: Illustration on Titan upper atmosphere modeling. Icarus, 2012, 218, 950-955.	2.5	6
147	Precursor Ionization and Propagation Velocity of a Laser-Absorption Wave in 1.053 and 10.6-<inline-formula> <tex-math notation="TeX">$mu{m m}$ </tex-math></inline-formula> Wavelengths Laser Radiation. IEEE Transactions on Plasma Science, 2014, 42, 3121-3128.	1.3	14
148	Isotope effects and spectroscopic assignments in the non-dissociative photoionization spectrum of N2. Journal of Chemical Physics, 2014, 140, 194303.	3.0	10

#	Article	IF	Citations
149	High-resolution threshold photoelectron and photoion spectroscopy of molecular nitrogen in the 15.0â€“52.7 eV photon energy range. Journal of Electron Spectroscopy and Related Phenomena, 2014, 195, 160-173.	1.7	17
150	Radiative properties of argonâ€“heliumâ€“nitrogenâ€“carbonâ€“cobaltâ€“nickel plasmas used in CNT synthesis. Journal Physics D: Applied Physics, 2015, 48, 065202.	2.8	10
151	Optical constants of Titan aerosols and their tholins analogs: Experimental results and modeling/observational data. Planetary and Space Science, 2015, 109-110, 159-174.	1.7	31
152	Photoionization capable, extreme and vacuum ultraviolet emission in developing low temperature plasmas in air. Plasma Sources Science and Technology, 2016, 25, 025024.	3.1	22
153	Mean absorption coefficients of He/Ar/N₂/(C_{1â^’xâ^’y},) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 58 Applied Physics, 2017, 50, 035203.	2.8	5
154	Practical considerations for modeling streamer discharges in air with radiation transport. Plasma Sources Science and Technology, 2018, 27, 075007.	3.1	20
155	Enhancement of terahertz emission by a preformed plasma in liquid water. Applied Physics Letters, 2019, 115, .	3.3	19
156	Atmospheric plasma VUV photon emission. Plasma Sources Science and Technology, 2020, 29, 065001.	3.1	13
157	Hydroxide Salts in the Clouds of Venus: Their Effect on the Sulfur Cycle and Cloud Droplet pH. Planetary Science Journal, 2021, 2, 133.	3.6	41
158	Ion-Molecule Reactions by Photoionization Techniques. , 1972, , 33-76.		15
159	Reactions in Plasmas. , 1992, , 11-48.		1
160	Heat Balance and Thermal Conduction. Astrophysics and Space Science Library, 1973, , 54-63.	2.7	3
161	Photoionization Mass Spectroscopy. Journal of the Spectroscopical Society of Japan, 1969, 18, 61-81.	0.0	1
162	Commission des Donnees Spectroscopiques Fondamentales. , 1967, , 229-266.		0
164	Photoabsorption. , 1973, , 79-130.		0
165	Spectra of diatomic and inorganic polyatomic molecules. , 1974, , 107-138.		1
166	Superexcited and Ionic State Relaxation Processes in Vacuum Ultraviolet Excited Polyatomic Molecules. , 1985, , 297-340.		5