

Autoren	Titel	Journal	Seite	Jahr	Zitate	WebOfScience No.
Wulff, H.; Quaas, M.; Deutsch, et al	Formation of palladium hydrides in low temperature Ar/H-2-plasma	THIN SOLID FILMS	185	2015	0	WOS:000366204900031
Deutsch, Hans; Becker, Kurt	Calculated electron ionization cross sections of the alkali atoms and the hydrogen spin ionization asymmetry	EUROPEAN PHYSICAL JOURNAL D	2015	2015	1	WOS:000358353500008
Deutsch, H.; Bronold, F. X.; Becker, K.	Calculation of electron-impact ionization cross sections: Bottom-up inductive vs. top-down deductive approaches	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	128	2014	2	WOS:000338622200022
Bronold, F. X.; Deutsch, H.; Fehske, H.	Physisorption kinetics of electrons at plasma boundaries	EUROPEAN PHYSICAL JOURNAL D	519	2009	9	WOS:000268789000001
Gutkin, M.; Mahoney, J. M.; Tarnovsky, V.; Deutsch, H.; Becker, K.	Electron-impact ionization of the SiCl3 radical	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	101	2009	6	WOS:000263195500016
Deutsch, Hans; Becker, Kurt; Probst, Michael; Maerk, Tilmann D.	The Semiempirical Deutsch-Mark Formalism: A Versatile Approach for the Calculation of Electron-Impact Ionization Cross Sections of Atoms, Molecules, Ions, and Clusters	ADVANCES IN ATOMIC, MOLECULAR, AND OPTICAL PHYSICS, VOL 57	87	2009	9	WOS:000271194900003
Bronold, F. X.; Fehske, H.; Kersten, H.; Deutsch, H.	Towards a Microscopic Theory of Particle Charging	CONTRIBUTIONS TO PLASMA PHYSICS	303	2009	13	WOS:000267398900007
Deutsch, H.; Becker, K.; Probst, M.; Zhu, W.; Maerk, T. D.	Calculated absolute cross-sections for the electron-induced detachment of the B-2(-), O-2(-), BO-, and CN- ions using the Deutsch-Mark (DM) formalism	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	151	2008	5	WOS:000261010100022
Bronold, F. X.; Fehske, H.; Kersten, H.; Deutsch, H.	Surface States and the Charge of a Dust Particle in a Plasma	PHYSICAL REVIEW LETTERS	2008	2008	25	WOS:000260383600034
Deutsch, H.; Becker, K.; Maerk, T. D.	Calculated absolute cross-sections for the electron-impact ionization of atoms with atomic numbers between 20 and 56 using the Deutsch-Mark (DM) formalism	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	58	2008	13	WOS:000254119200011
Deutsch, H.; Becker, K.; Zhang, H.; Probst, M.; Maerk, T. D.	Calculated absolute cross sections for the electron-impact ionization of the lanthanide atoms using the Deutsch-Mark (DM) formalism	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	63	2008	4	WOS:000254119200012
Lecointre, J.; Cherkan-Hassani, S.; Belic, D. S.; Jureta, J. J.; Becker, K.; Deutsch, et al	Absolute cross sections and kinetic energy release distributions for electron impact ionization and dissociation of CD(+)	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2201	2007	15	WOS:000246851800033
Lecointre, J.; Belic, D. S.; Jureta, J. J.; Becker, K.; Deutsch, et al	Absolute cross sections and kinetic energy release for doubly and triply charged fragments produced by electron impact on CO+	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	85	2007	6	WOS:000243132200009
Deutsch, H.; Becker, K.; Defrance, P.; Probst, M.; Limtrakul, J.; Mark, TD	Newly calculated absolute cross-section for the electron-impact ionization of C2H2+	EUROPEAN PHYSICAL JOURNAL D	489	2006	13	WOS:000237291600008
Deutsch, H.; MacAdam, KB; Becker, K.; Zhang, H.; Mark, TD	Calculated cross sections for the electron-impact ionization of Na(ns) and Na(nd) Rydberg atoms	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	343	2006	5	WOS:000235457800012
Deutsch, H.; Scheier, P.; Matt-Leubner, S.; Becker, K.; Mark, TD	A detailed comparison of calculated and measured electron-impact ionization cross sections of atoms using the Deutsch-Mark (DM) formalism (vol 243, pg 215, 2005)	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	113	2005	9	WOS:000232875500014
Basner, R.; Gutkin, M.; Mahoney, J.; Tarnovsky, V.; Deutsch, H.; Becker, K	Electron-impact ionization of silicon trichloride (SiCl3)	JOURNAL OF CHEMICAL PHYSICS	2005	2005	8	WOS:000231168700029
Deutsch, H.; Becker, K.; Grum-Grzhimailo, AN; Probst, M.; Matt-Leubner, S.; Mark, TD	Calculated electron impact ionization cross sections of excited Ne atoms using the DM formalism	CONTRIBUTIONS TO PLASMA PHYSICS	494	2005	1	WOS:000232881500004
Feil, S.; Gluch, K.; Matt-Leubner, S.; Scheier, P.; Limtrakul, J.; Probst, M.; Deutsch, H.; et al	Partial cross sections for positive and negative ion formation following electron impact on uracil	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	3013	2004	45	WOS:000223595900002
Deutsch, H.; Scheier, P.; Becker, K.; Mark, TD	Revised high energy behavior of the Deutsch-Mark (DM) formula for the calculation of electron impact ionization cross sections of atoms	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	13	2004	32	WOS:000221316900004
Deutsch, H.; Becker, K.; et al	Calculated cross sections for the electron-impact ionization of excited argon atoms using the DM formalism	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	39	2004	15	WOS:000221316900008
Kersten, H.; Deutsch, H.; Kroesen, GMW	Charging of micro-particles in plasma-dust interaction	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	51	2004	27	WOS:000221316900010
Scheier, P.; Deutsch, H.; Becker, K.; Mark, TD	Calculations of electron-impact cross sections for the fragmentation and dissociative ionization of fullerenes using a semi-empirical method	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	293	2004	4	WOS:000221316900039
Deutsch, H.; Scheier, P.; Becker, K.; Mark, TD	Calculated cross-sections for the electron-impact detachment from negative ions using the Deutsch-Mark (DM) formalism	CHEMICAL PHYSICS LETTERS	26	2003	9	WOS:000186856000005
Deutsch, H.; Scheier, P.; Becker, K.; Mark, TD	A semi-empirical concept for the calculation of electron-impact ionization cross-sections of neutral and ionized fullerenes	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	1	2003	6	WOS:000180366000003
Deutsch, H.; Scheier, P.; Becker, K.; Mark, TD	Calculations of partial electron-impact cross sections for the multiple ionization of fullerenes using a semi-empirical method	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	253	2003	4	WOS:000180366000023
Kersten, H.; Deutsch, H.; Stoffels, E.; Stoffels, WV; Kroesen, GMW	Plasma-powder interaction: trends in applications and diagnostics	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	313	2003	31	WOS:000180366000029
Deutsch, H.; Becker, K.; Defrance, P.; Onthong, U.; Probst, M.; Matt, S.; Scheier, P.; Mark, TD	Calculated absolute cross section for the electron-impact ionisation of simple molecular ions	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	639	2003	10	WOS:000180366000055
Scheier, P.; Deutsch, H.; Becker, K.; Mark, TD	A semi-empirical method for the calculation of cross sections for the electron-impact ionization of negatively charged fullerenes	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	703	2003	3	WOS:000180366000061
Basner, R.; Schmidt, M.; Denisov, E.; Lopata, P.; Becker, K.; Deutsch, H	Absolute total and partial electron ionization cross sections of C2F6	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	365	2002	8	WOS:000174670800006
Onthong, U.; Deutsch, H.; Becker, K.; Matt, S.; Probst, M.; Mark, TD	Calculated absolute electron impact ionization cross-section for the molecules CF3X (X = H, Br, I)	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	53	2002	11	WOS:000174338000004
Deutsch, H.; Becker, K.; Defrance, P.; Onthong, U.; Parajuli, R.; Probst, M.; Matt, S.; Mark, TD	Calculated absolute cross section for the electron-impact ionization of CO2+ and N-2(+)	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	165	2002	13	WOS:000174257000001
Deutsch, H.; Becker, K.; Gstir, B.; Mark, TD	Calculated electron impact cross sections for the K-shell ionization of Fe, Co, Mn, Ti, Zn, Nb, and Mo atoms using the DM formalism	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	5	2002	25	WOS:000173795600002
Gstir, B.; Deutsch, H.; Becker, K.; Mark, TD	Calculated cross sections for the K-shell ionization of chromium, nickel, copper, scandium and vanadium using the DM formalism	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	3377	2001	6	WOS:000171574300007
Kersten, H.; Deutsch, H.; Steffen, H.; Kroesen, GMW; Hippler, R	The energy balance at substrate surfaces during plasma processing	VACUUM	385	2001	172	WOS:000170143100001
Kersten, H.; Rohde, D.; Steffen, H.; Deutsch, H.; Hippler, R.; Swinkels, GHPM; Kroesen, GMW	On the determination of energy fluxes at plasma-surface processes	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	531	2001	20	WOS:000168515300003
Mair, C.; Deutsch, H.; Becker, K.; Mark, TD; Vietzke, E	Detection of sputtered and evaporated carbon aggregates: relative and absolute electron ionization fragmentation yields	JOURNAL OF NUCLEAR MATERIALS	291	2001	1	WOS:000167676700058
Probst, M.; Deutsch, H.; Becker, K.; Mark, TD	Calculations of absolute electron-impact ionization cross sections for molecules of technological relevance using the DM formalism	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	13	2001	45	WOS:000167278100004
Frank, S.; Deutsch, H.; Dinklage, A.; Solymar, S.; Wilke, C	Power loss by resonance radiation from a dc neon glow discharge at low pressures and low currents	JOURNAL OF PHYSICS D-APPLIED PHYSICS	340	2001	3	WOS:000167072300021
Deutsch, H.; Hilpert, K.; Becker, K.; Probst, M.; Mark, TD	Calculated absolute electron-impact ionization cross sections for AlO, Al2O, and WOx (x=1-3)	JOURNAL OF APPLIED PHYSICS	1915	2001	18	WOS:00016644400059
Basner, R.; Schmidt, M.; Denisov, E.; Becker, K.; Deutsch, H	Absolute total and partial cross sections for the electron impact ionization of tetrafluorosilane (SiF4)	JOURNAL OF CHEMICAL PHYSICS	1170	2001	21	WOS:0001662213100013
Deutsch, H.; Becker, K.; Mark, TD	Calculated cross sections for the multiple ionization of krypton and chromium atoms by electron impact	CONTRIBUTIONS TO PLASMA PHYSICS	73	2001	4	WOS:000166752400007
Kersten, H.; Deutsch, H.; Stoffels, E.; Stoffels, WW; Kroesen, GMW; Hippler, R	Micro-disperse particles in plasmas: From disturbing side effects to new applications	CONTRIBUTIONS TO PLASMA PHYSICS	598	2001	42	WOS:000172255100006
Deutsch, H.; Becker, K.; Janev, RK; Probst, M.; Mark, TD	Isomer effect in the total electron impact ionization cross section of cyclopropane and propene (C3H6)	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	1865	2000	18	WOS:000166210900002
Kersten, H.; Deutsch, H.; Otte, M.; Swinkels, GHPM; Kroesen, GMW	Micro-disperse particles as probes for plasma surface interaction	THIN SOLID FILMS	530	2000	22	WOS:000166024600090
Kersten, H.; Rohde, D.; Berndt, J.; Deutsch, H.; Hippler, R	Investigations on the energy influx at plasma processes by means of a simple thermal probe	THIN SOLID FILMS	585	2000	43	WOS:000166024600099
Deutsch, H.; Becker, K.; Mark, TD	Calculation of absolute electron-impact ionization cross-sections of dimers and trimers	EUROPEAN PHYSICAL JOURNAL D	283	2000	17	WOS:000165119500010
Basner, R.; Schmidt, M.; Becker, K.; Tarnovsky, V.; Deutsch, H	Absolute total and partial cross-sections for the electron impact ionization of TiCl4	THIN SOLID FILMS	291	2000	17	WOS:000090122100023
Swinkels, GHPM; Kersten, H.; Deutsch, H.; Kroesen, GMW	Microcalorimetry of dust particles in a radio-frequency plasma	JOURNAL OF APPLIED PHYSICS	1747	2000	56	WOS:000088738000007
Kersten, H.; Rohde, D.; Deutsch, H.; Hippler, R.; Stoffels, WW; Stoffels, E.; Kroesen, GMW; Berndt, J	Investigations on the energy influx at plasma surface processes	ACTA PHYSICA SLOVACA	439	2000	5	WOS:000088911400006
Deutsch, H.; Becker, K.; Mark, TD	Calculated cross sections for the multiple ionization of nitrogen and argon atoms by electron impact	PLASMA PHYSICS AND CONTROLLED FUSION	489	2000	8	WOS:000087634000001
Kersten, H.; Stoffels, E.; Stoffels, WW; Otte, M.; Csambal, C.; Deutsch, H.; Hippler, R	Energy influx from an rf plasma to a substrate during plasma processing	JOURNAL OF APPLIED PHYSICS	3637	2000	51	WOS:000086169500004
Deutsch, H.; Becker, K.; Matt, S.; Mark, TD	Theoretical determination of absolute electron-impact ionization cross sections of molecules	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	37	2000	184	WOS:000085718300002
Basner, R.; Schmidt, R.; Becker, K.; Deutsch, H	Electron impact ionization of organic silicon compounds	ADVANCES IN ATOMIC, MOLECULAR, AND OPTICAL PHYSICS, VOL 43	147	2000	19	WOS:000085323400005
Becker, K.; Deutsch, H.; Inokuti, M	Opportunities and challenges for atomic, molecular, and optical physics in plasma chemistry	ADVANCES IN ATOMIC, MOLECULAR, AND OPTICAL PHYSICS, VOL 43	399	2000	5	WOS:000085323400012
Dinklage, A.; Franke, S.; Solymar, S.; Deutsch, H.; Scheibner, H.; Wilke, C	74 nm radiative efficiency of a DC neon glow discharge	CONTRIBUTIONS TO PLASMA PHYSICS	96	2000	4	WOS:000086082300013
Tarnovsky, V.; Deutsch, H.; Becker, K	Electron-impact ionization of the C2F5 free radical	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	1573	1999	4	WOS:000083693800001
Deutsch, H.; Becker, K.; Senn, G.; Matt, S.; Mark, TD	Calculation of cross sections and rate coefficients for the electron impact multiple ionization of beryllium, boron, carbon, and oxygen atoms	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	1	1999	14	WOS:000082498520002
Deutsch, H.; Becker, K.; Matt, S.; Mark, TD	Calculated cross sections for the electron-impact ionization of metastable atoms	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	4249	1999	36	WOS:000082736600014
Deutsch, H.; Pittner, J.; Bonacic-Koutecky, V.; Becker, K.; Matt, S.; Mark, TD	Theoretical determination of the absolute electron impact ionization cross-section function for silver clusters Ag-n (n=2-7)	JOURNAL OF CHEMICAL PHYSICS	1964	1999	13	WOS:000081698700020
Matt, S.; Scheier, P.; Stamatovic, A.; Deutsch, H.; Becker, K.; Mark, TD	Electron impact ionization of neutral and ionized fullerenes: ionization cross-sections and kinetic energy release	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY A-MATHEMATICAL, PHYSICAL AND ENGINEERING SCIENCES	1201	1999	2	WOS:000080798100007
Deutsch, H.; Becker, K.; Mark, TD	Application of the DM formalism to the calculation of electron-impact ionization cross sections of alkali atoms	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	319	1999	15	WOS:000079857900033
Basner, R.; Schmidt, M.; Denisov, E.; Deutsch, H.; Lopata, P.; Tarnovsky, V.; Becker, K	Electron-impact ionization of SiF4, C2F6, and the SFx (x=1-5) free radicals	INTERNATIONAL CONFERENCE ON PHENOMENA IN IONIZED GASES, VOL 17	1999			

DEUTSCH, H; BECKER, K; MARK, TD	A SEMIEMPIRICAL METHOD TO CALCULATE CROSS-SECTIONS FOR THE ELECTRON-IMPACT IONIZATION OF CLUSTERS	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY AND ION PROCESS L9	1995	17 WOS:A1995RL5300005
DUNSER, B; LEZIUS, M; SCHEIER, P; DEUTSCH, H; MARK, TD	ABSOLUTE ELECTRON-IMPACT IONIZATION CROSS-SECTIONS FOR HIGHLY-CHARGED IONS - SCALING LAW FOR HYDROGEN-LIKE IONS	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B	135	5 WOS:A1995RD63700033
TARNOVSKY, V; LEVIN, A; DEUTSCH, H; BECKER, K	ELECTRON-IMPACT IONIZATION OF C-60	PHYSICAL REVIEW LETTERS	3364	47 WOS:A1995QU82700015
WELTMANN, KD; BRAUER, T; DEUTSCH, H; WILKE, C	ELECTRON-IMPACT IONIZATION OF THE SO FREE-RADICAL	JOURNAL OF CHEMICAL PHYSICS	770	1995
BASNER, R; SCHMIDT, M; DEUTSCH, H	INVESTIGATIONS ABOUT THE INFLUENCE OF THE EXTERNAL CIRCUIT ELEMENTS ON THE PROPAGATION OF IONIZATION WAVES IN THE POSITIVE-COLUMN OF A NEON GLOW	CONTRIBUTIONS TO PLASMA PHYSICS	225	1995
DEUTSCH, H; BECKER, K; MARK, TD	ELECTRON-IMPACT IONIZATION AND FRAGMENTATION OF METAL-ORGANIC COMPOUNDS USED IN PLASMA-ASSISTED THIN-FILM DEPOSITION TECHNIQUES	CONTRIBUTIONS TO PLASMA PHYSICS	375	1995
Weltmann, KD; Unger, H; Deutsch, H; Wilke, C	CALCULATED CROSS-SECTIONS FOR DOUBLE AND TRIPLE IONIZATION OF ATOMS BY ELECTRON-IMPACT	CONTRIBUTIONS TO PLASMA PHYSICS	421	1995
MARGREITER, D; DEUTSCH, H; MARK, TD	The influence of the gas-temperature on the behaviour of the positive column of a neon glow discharge and its description by a nonlinear equivalent circuit	CONTRIBUTIONS TO PLASMA PHYSICS	491	1995
DEUTSCH, H; MARK, TD; TARNOVSKY, V; BECKER, K; et al	A SEMICLASSICAL APPROACH TO THE CALCULATION OF ELECTRON-IMPACT IONIZATION CROSS-SECTIONS OF ATOMS - FROM HYDROGEN TO URANIUM	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY AND ION PROCESS	127	1994
KERSTEN, H; SNIKERS, RJMM; SCHULZE, J; KROESEN, GMW; DEUTSCH, H; DEHOOG, FJ	MEASURED AND CALCULATED ABSOLUTE TOTAL CROSS-SECTIONS FOR THE SINGLE IONIZATION OF CFX AND NFX BY ELECTRON-IMPACT	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	77	1994
DEUTSCH, H; MARK, TD	ENERGY-TRANSFER FROM RADIO-FREQUENCY SHEATH ACCELERATED CF(3)(+) AND AR(+) IONS TO A SI WAFER	APPLIED PHYSICS LETTERS	1496	1994
DEUTSCH, H; MARGREITER, D; MARK, TD	CALCULATION OF ABSOLUTE OUTER-SHELL ELECTRON-IMPACT IONIZATION CROSS-SECTIONS	CONTRIBUTIONS TO PLASMA PHYSICS	19	1994
DEUTSCH, H; CORNELISSEN, C; CESPIVA, L; BONACICKOUTECKY, V; MARGREITER, D; MARK, TD	A SEMIEMPIRICAL APPROACH TO THE CALCULATION OF ABSOLUTE INNER-SHELL ELECTRON-IMPACT IONIZATION CROSS-SECTIONS	ZEITSCHRIFT FUR PHYSIK D-ATOMS MOLECULES AND CLUSTERS	31	1994
ALBRECHT, B; DEUTSCH, H; LEVEN, RW; WILKE, C	TOTAL ELECTRON-IMPACT IONIZATION CROSS-SECTIONS OF FREE MOLECULAR RADICALS - THE FAILURE OF THE ADDITIVITY RULE REVISITED	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY AND ION PROCESS	43	1993
WELTMANN, KD; DEUTSCH, H; UNGER, H; WILKE, C	3-FREQUENCY QUASI-PERIODICITY AND CHAOS IN A NEON GLOW-DISCHARGE	PHYSICA SCRIPTA	196	1993
UNGER, H; WELTMANN, KD; DEUTSCH, H; WESCH, J; WILKE, C	INVESTIGATION OF CHAOTIC STATES IN A NEON GAS-DISCHARGE BY ESTIMATION OF DIMENSIONS AND CORRELATION-FUNCTIONS	CONTRIBUTIONS TO PLASMA PHYSICS	73	1993
WELTMANN, KD; UNGER, H; DEUTSCH, H; WESCH, J; WILKE, C	A NEW METHOD FOR THE DEVELOPMENT OF A NONLINEAR EQUIVALENT-CIRCUIT FOR A GAS-DISCHARGE	CONTRIBUTIONS TO PLASMA PHYSICS	169	1993
WELTMANN, KD; DEUTSCH, H; UNGER, H; WILKE, C	ABOUT THE DEVELOPMENT OF A NONLINEAR EQUIVALENT-CIRCUIT FOR A NEON GAS-DISCHARGE IN THE OSCILLATING REGIME	CONTRIBUTIONS TO PLASMA PHYSICS	265	1993
WILKE, C; KABLAN, N; DEUTSCH, H	THE INFLUENCE OF PARASITIC CAPACITIES ON MEASUREMENTS OF THE DYNAMIC BEHAVIOR OF A GAS-DISCHARGE	CONTRIBUTIONS TO PLASMA PHYSICS	565	1992
WILKE, C; DEUTSCH, H; LEVEN, RW	ON A NEW METHOD OF DETERMINING COLLISION RATES FOR IONIZATION BY MEANS OF PAIR COLLISIONS AND STEPWISE IONIZATION	CONTRIBUTIONS TO PLASMA PHYSICS	481	1990
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WILKE, C; LEVEN, RW; DEUTSCH, H	EXPERIMENTAL AND NUMERICAL STUDY OF PRECHAOTIC AND CHAOTIC REGIMES IN A HELIUM GLOW-DISCHARGE	PHYSICS LETTERS A	114	1989
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BEHNKE, JF; DEUTSCH, H; SCHEIBNER, H	INVESTIGATION ABOUT STEPWISE EXCITATION CROSS-SECTIONS IN RARE-GASES	CONTRIBUTIONS TO PLASMA PHYSICS	41	1985
DEUTSCH, H; SCHMIDT, M	IONIZATION CROSS-SECTIONS OF GAS MOLECULES FOR PLASMA CHEMISTRY	CONTRIBUTIONS TO PLASMA PHYSICS	475	1985
DEUTSCH, H; LEITER, K; MARK, TD	UNIMOLECULAR DECAY OF CF4+ AND CCL4+	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY AND ION PROCESS	191	1985
WINKLER, R; DEUTSCH, H; WILHELM, J; WILKE, C	ELECTRON KINETICS OF WEAKLY IONIZED HF PLASMAS .1. DIRECT TREATMENT AND FOURIER EXPANSION	BEITRAGE AUS DER PLASMAPHYSIK-CONTRIBUTIONS TO PLASMA PHYSIK	285	1984
WINKLER, R; DEUTSCH, H; WILHELM, J; WILKE, C	ELECTRON KINETICS OF WEAKLY IONIZED HF PLASMAS .2. DECOUPLING IN THE FOURIER HIERARCHY AND SIMPLIFIED KINETICS AT HIGHER FREQUENCIES	BEITRAGE AUS DER PLASMAPHYSIK-CONTRIBUTIONS TO PLASMA PHYSIK	303	1984
DEUTSCH, H; SCHMIDT, M	ON THE QUANTITATIVE-DETERMINATION OF CROSS-SECTIONS OF IONIZATION OF MOLECULES BY ELECTRONIC COLLISIONS	BEITRAGE AUS DER PLASMAPHYSIK-CONTRIBUTIONS TO PLASMA PHYSIK	475	1984
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