

Chris H Greene

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3399508/publications.pdf>

Version: 2024-02-01

359
papers

16,027
citations

15466

65
h-index

22764

112
g-index

365
all docs

365
docs citations

365
times ranked

5081
citing authors

#	ARTICLE	IF	CITATIONS
1	Efimov physics implications at p-wave fermionic unitarity. Physical Review A, 2022, 105, .	1.0	2
2	Multichannel photoelectron phase lag across atomic barium autoionizing resonances. Physical Review A, 2022, 105, .	1.0	2
3	Raman Interferometry between Autoionizing States to Probe Ultrafast Wave-Packet Dynamics with High Spectral Resolution. Physical Review Letters, 2022, 128, 083001.	2.9	7
4	Competing ionization and dissociation in the H ₂ gerade system. European Physical Journal D, 2022, 76, 1.	0.6	1
5	Controlling Rydberg Excitations Using Ion-Core Transitions in Alkaline-Earth Atom-Tweezer Arrays. PRX Quantum, 2022, 3, .	3.5	21
6	Analyzing the Rydberg-based optical-metastable-ground architecture for ^{171}Yb nuclear spins. Physical Review A, 2022, 105, .	1.0	15
7	Observability of a sharp Majorana transition in a few-body model. Physical Review A, 2021, 103, .	1.0	2
8	Comprehensive study of the three- and four-neutron systems at low energies. Physical Review C, 2021, 103, .	1.1	11
9	Orbital variational adiabatic hyperspherical method applied to Bose-Einstein condensates. Physical Review A, 2021, 103, .	1.0	1
10	Two-photon above-threshold ionization of helium. Physical Review A, 2021, 103, .	1.0	6
11	Resonant control of photoelectron directionality by interfering one- and two-photon pathways. Physical Review A, 2021, 103, .	1.0	7
12	Observation of Wigner-Dyson level statistics in a classically integrable system. Physical Review E, 2021, 103, 062211.	0.8	3
13	Spectroscopy of Rydberg states in erbium using electromagnetically induced transparency. Physical Review Research, 2021, 3, .	1.3	6
14	Asymmetric Lineshapes of Efimov Resonances in Mass-Imbalanced Ultracold Gases. Atoms, 2021, 9, 110.	0.7	2
15	Low-energy scattering properties of ground-state and excited-state positronium collisions. Journal of Physics: Conference Series, 2020, 1412, 122023.	0.3	0
16	Nonresonant Density of States Enhancement at Low Energies for Three or Four Neutrons. Physical Review Letters, 2020, 125, 052501.	2.9	20
17	Backpropagated frame transformation theory: A reformulation. Physical Review A, 2020, 101, .	1.0	1
18	Cross-dimensional relaxation of ^{87}Rb atomic gas mixtures in a spherical-quadrupole magnetic trap. Physical Review A, 2020, 101, .	1.0	3

#	ARTICLE	IF	CITATIONS
19	Dissociative Recombination of Cold HeH^+ Ions. Physical Review Letters, 2020, 124, 043401.	2.9	18
20	Collisional spin transfer in an atomic heteronuclear spinor Bose gas. Physical Review Research, 2020, 2, .	1.3	6
21	Exploring chemical reactions in a quantum degenerate gas of polar molecules via complex formation. Physical Review A, 2020, 102, .	1.0	5
22	Low-energy scattering properties of ground-state and excited-state positronium collisions. Physical Review A, 2019, 100, .	1.0	3
23	Nonadiabatic Molecular Association in Thermal Gases Driven by Radio-Frequency Pulses. Physical Review Letters, 2019, 123, 043204.	2.9	5
24	Bulk-edge correspondence in fractional quantum Hall states. Physical Review B, 2019, 99, .	1.1	5
25	Spin current generation and relaxation in a quenched spin-orbit-coupled Bose-Einstein condensate. Nature Communications, 2019, 10, 375.	5.8	21
26	Coherent Superposition of Feshbach Dimers and Efimov Trimers. Physical Review Letters, 2019, 122, 200402.	2.9	6
27	Local frame transformation theory for two classes of diatomic molecules. Molecular Physics, 2019, 117, 3171-3183.	0.8	1
28	Dissociative recombination by frame transformation to Siegert pseudostates: A comparison with a numerically solvable model. Physical Review A, 2018, 97, .	1.0	5
29	Ultracold Heteronuclear Three-Body Systems: How Diabaticity Limits the Universality of Recombination into Shallow Dimers. Physical Review Letters, 2018, 120, 023401.	2.9	7
30	Universal temperature dependence of the ion-neutral-neutral three-body recombination rate. Physical Review A, 2018, 98, .	1.0	22
31	Validity of the Born-Oppenheimer approximation in the indirect-dissociative-recombination process. Physical Review A, 2018, 98, .	1.0	4
32	Extreme Correlation and Repulsive Interactions in Highly Excited Atomic Alkali Anions. Physical Review Letters, 2018, 121, 133401.	2.9	6
33	Semiclassical Treatment of High-Lying Electronic States of H_2^+ . Journal of Physical Chemistry A, 2018, 122, 8565-8575.	1.1	6
34	Theoretical Prediction of the Creation and Observation of a Ghost Trilobite Chemical Bond. Physical Review Letters, 2018, 121, 113203.	2.9	4
35	Observability of the Efimov spectrum in an electron-atom-atom system. Physical Review A, 2018, 98, .	1.0	2
36	Hyperspherical Slater determinant approach to few-body fractional quantum Hall states. Annals of Physics, 2017, 380, 188-205.	1.0	0

#	ARTICLE	IF	CITATIONS
37	Efimov's van der Waals universality for ultracold atoms with positive scattering lengths. <i>Physical Review A</i> , 2017, 95, .	1.0	26
38	Effective control of cold collisions with radio-frequency fields. <i>Physical Review A</i> , 2017, 95, .	1.0	10
39	Renormalized contact interaction in degenerate unitary Bose gases. <i>Physical Review A</i> , 2017, 95, .	1.0	13
40	Role of the intraspecies scattering length in the Efimov scenario with large mass difference. <i>Physical Review A</i> , 2017, 95, .	1.0	20
41	Universal few-body physics and cluster formation. <i>Reviews of Modern Physics</i> , 2017, 89, .	16.4	167
42	Few-body collective excitations beyond Kohn's theorem in quantum Hall systems. <i>Physical Review B</i> , 2017, 95, .	1.1	3
43	Anisotropic blockade using pendular long-range Rydberg molecules. <i>Physical Review A</i> , 2017, 95, .	1.0	19
44	Van der Waals Universality in Homonuclear Atom-Dimer Elastic Collisions. <i>Few-Body Systems</i> , 2017, 58, 1.	0.7	11
45	Hamiltonian for the inclusion of spin effects in long-range Rydberg molecules. <i>Physical Review A</i> , 2017, 95, .	1.0	43
46	Coupled-square-well model and Fano-phase correspondence. <i>Physical Review A</i> , 2017, 95, .	1.0	5
47	Inelastic low-energy collisions of electrons with HeH ⁺ : Rovibrational excitation and dissociative recombination. <i>Journal of Chemical Physics</i> , 2017, 147, 054307.	1.2	17
48	Anisotropic blockade using pendular long-range Rydberg molecules. <i>Journal of Physics: Conference Series</i> , 2017, 875, 082005.	0.3	0
49	On the Appearance of Families of Efimov States in the Spinor Three-Body Problem. <i>EPJ Web of Conferences</i> , 2016, 113, 02003.	0.1	2
50	Mapping trilobite state signatures in atomic hydrogen. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 14LT01.	0.6	12
51	Ultracold molecular Rydberg physics in a high density environment. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 114005.	0.6	31
52	Few-body, hyperspherical treatment of the quantum Hall effect. <i>EPJ Web of Conferences</i> , 2016, 113, 02006.	0.1	1
53	Reactivity in ion-neutral high density media. <i>EPJ Web of Conferences</i> , 2016, 113, 02004.	0.1	2
54	Universal few-body physics in resonantly interacting spinor condensates. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 064012.	0.6	4

#	ARTICLE	IF	CITATIONS
55	Effective Atom-Molecule Conversions Using Radio Frequency Fields. ChemPhysChem, 2016, 17, 3756-3763.	1.0	2
56	Controlling Rydberg atom excitations in dense background gases. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 182001.	0.6	23
57	Heteronuclear Efimov Scenario with Positive Intraspecies Scattering Length. Physical Review Letters, 2016, 117, 153201.	2.9	47
58	Ultracold Chemical Reactions of a Single Rydberg Atom in a Dense Gas. Physical Review X, 2016, 6, .	2.8	56
59	Generalized local-frame-transformation theory for excited species in external fields. Physical Review A, 2016, 94, .	1.0	12
60	Probing an Electron Scattering Resonance using Rydberg Molecules within a Dense and Ultracold Gas. Physical Review Letters, 2016, 116, 053001.	2.9	57
61	Energy Scaling of Cold Atom-Atom-Ion Three-Body Recombination. Physical Review Letters, 2016, 116, 193201.	2.9	60
62	Observation of pendular butterfly Rydberg molecules. Nature Communications, 2016, 7, 12820.	5.8	76
63	Spin-orbit-induced resonances and threshold anomalies in a reduced-dimension Fermi gas. Physical Review A, 2016, 94, .	1.0	4
64	Comment on "Test of the Stark-effect theory using photoionization microscopy". Physical Review A, 2015, 91, .	1.0	1
65	Schwinger-variational-principle theory of collisions in the presence of multiple potentials. Physical Review A, 2015, 92, .	1.0	6
66	Hyperspherical theory of the quantum Hall effect: The role of exceptional degeneracy. Physical Review B, 2015, 92, .	1.1	8
67	Ultracold Long-Range Rydberg Molecules with Complex Multichannel Spectra. Physical Review Letters, 2015, 115, 193201.	2.9	20
68	Communication: Classical threshold law for ion-neutral-neutral three-body recombination. Journal of Chemical Physics, 2015, 143, 041105.	1.2	35
69	FEW-BODY PHYSICS OF ULTRACOLD ATOMS AND MOLECULES WITH LONG-RANGE INTERACTIONS. Annual Review of Cold Atoms and Molecules, 2015, , 77-134.	2.8	9
70	Fano Resonances in the Time Domain. Journal of Physics: Conference Series, 2015, 635, 092079.	0.3	0
71	Alkali-atom photoionization and negative-ion photodetachment processes in the presence of external fields. Journal of Physics: Conference Series, 2015, 635, 092118.	0.3	0
72	Adiabatic Hyperspherical Analysis of Realistic Nuclear Potentials. Few-Body Systems, 2015, 56, 753-759.	0.7	8

#	ARTICLE	IF	CITATIONS
73	Photoionization microscopy in terms of local-frame-transformation theory. Physical Review A, 2015, 91, .	1.0	15
74	General formalism for ultracold scattering with isotropic spin-orbit coupling. Physical Review A, 2015, 91, .	1.0	16
75	Quantum defect theory description of weakly bound levels and Feshbach resonances in LiRb. New Journal of Physics, 2015, 17, 045021.	1.2	5
76	Scattering properties of the $2e^{-}2e^{+}$ polyelectronic system. Physical Review A, 2015, 91, .	1.0	12
77	Fano Resonances in the Time Domain. , 2015, , .		1
78	Confinement-induced resonances in a cross-dimensional configuration. Physical Review A, 2014, 90, .	1.0	0
79	Comparison of classical and quantal calculations of helium three-body recombination. Journal of Chemical Physics, 2014, 140, 044307.	1.2	38
80	Tunable Landau-Zener transitions in a spin-orbit-coupled Bose-Einstein condensate. Physical Review A, 2014, 90, .	1.0	148
81	Extension of the correlated Gaussian hyperspherical method to more particles and dimensions. Physical Review A, 2014, 89, .	1.0	15
82	What will it take to observe processes in 'real time'?. Nature Photonics, 2014, 8, 162-166.	15.6	220
83	Three-Body Physics in Strongly Correlated Spinor Condensates. Physical Review Letters, 2014, 113, 045302.	2.9	10
84	Analyzing Feshbach resonances: $A \langle \text{math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Li} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 6 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mo} \rangle \hat{a} \langle \text{mml:mo} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Cs} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 133 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ case study.		
85	Quenching to unitarity: Quantum dynamics in a three-dimensional Bose gas. Physical Review A, 2014, 89, .	1.0	69
86	The Universality of the Efimov Three-body Parameter. Few-Body Systems, 2013, 54, 1523-1527.	0.7	5
87	Lorentz Meets Fano in Spectral Line Shapes: A Universal Phase and Its Laser Control. Science, 2013, 340, 716-720.	6.0	404
88	Low-energy electron collisions with O ₂ : Test of the molecular R-matrix method without diagonalization. Physical Review A, 2013, 87, .	1.0	3
89	Rydberg States of Triatomic Hydrogen and Deuterium. Journal of Physical Chemistry A, 2013, 117, 9761-9765.	1.1	2
90	Resonant five-body recombination in an ultracold gas of bosonic atoms. New Journal of Physics, 2013, 15, 043040.	1.2	35

#	ARTICLE	IF	CITATIONS
91	Quantum defect theory for high-partial-wave cold collisions. Physical Review A, 2013, 87, .	1.0	32
92	Quasi-one-dimensional scattering with general transverse two-dimensional confinement. Physical Review A, 2013, 88, .	1.0	14
93	Stochastic and equilibrium pictures of the ultracold Fano-Feshbach-resonance molecular conversion rate. Physical Review A, 2013, 87, .	1.0	1
94	Dissociative Recombination of Highly Symmetric Polyatomic Ions. Physical Review Letters, 2012, 108, 023202.	2.9	18
95	Universal three-body recombination via resonant d -wave interactions. Physical Review A, 2012, 86, .	1.0	32
96	Few-body ultracold reactions in a Bose-Fermi mixture. Physical Review A, 2012, 85, .	1.0	3
97	Universal bound and scattering properties for two dipoles. Physical Review A, 2012, 85, .	1.0	11
98	Universal Three-Body Parameter in Heteronuclear Atomic Systems. Physical Review Letters, 2012, 109, 243201.	2.9	76
99	Universal rates for dissociative recombination of NO. Physical Review A, 2012, 86, .	1.0	1
100	Theoretical study of the vibration-dependent electron anisotropy in O_2^+ photodetachment. Journal of Physics: Conference Series, 2012, 388, 022105.	0.3	0
101	Laser-assisted electron-argon scattering at small angles. Physical Review A, 2012, 86, .	1.0	7
102	Femtosecond transparency in the extreme-ultraviolet region. Physical Review A, 2012, 85, .	1.0	33
103	Origin of the Three-Body Parameter Universality in Efimov Physics. Physical Review Letters, 2012, 108, 263001.	2.9	143
104	The hyperspherical four-fermion problem. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 172001.	0.6	39
105	Laser-induced fluorescence studies of HfF ⁺ produced by autoionization. Journal of Chemical Physics, 2011, 135, 154308.	1.2	13
106	The role of the Jahn-Teller coupling in dissociative recombination of H ₃ O ⁺ and H ions. Journal of Physics: Conference Series, 2011, 300, 012015.	0.3	11
107	Breaking bonds with electrons: Dissociative recombination of molecular ions. Chemical Physics Letters, 2011, 507, 1-10.	1.2	16
108	Numerical study of three-body recombination for systems with many bound states. Physical Review A, 2011, 84, .	1.0	38

#	ARTICLE	IF	CITATIONS
109	Publisher's Note: Resonant structure of low-energy H^+ recombination. Physical Review A, 2011, 83, .	1.0	1
110	Resonant structure of low-energy H^+ recombination. Physical Review A, 2011, 83, .	1.0	41
111	Collisional aspects of bosonic and fermionic dipoles in quasi-two-dimensional confining geometries. Physical Review A, 2011, 83, .	1.0	14
112	Universal Three-Body Physics for Fermionic Dipoles. Physical Review Letters, 2011, 107, 233201.	2.9	26
113	Efimov Effect for Three Interacting Bosonic Dipoles. Physical Review Letters, 2011, 106, 233201.	2.9	41
114	Femtosecond XUV transparency in light-coupled He doubly excited states. ., 2011, . .		0
115	Recombination-pumped triatomic hydrogen infrared lasers. Journal of Chemical Physics, 2010, 133, 234302.	1.2	7
116	Universal insights from few-body land. Physics Today, 2010, 63, 40-45.	0.3	42
117	Quantum defect analysis of H^+ recombination. Physical Review A, 2010, 82, .	1.0	7
118	Green's functions and the adiabatic hyperspherical method. Physical Review A, 2010, 82, .	1.0	32
119	Calculation of rate constants for vibrational and rotational excitation of the H^+ ion by electron impact. Monthly Notices of the Royal Astronomical Society, 2010, . .	1.6	10
120	Temperature dependence of binary and ternary recombination of D_3^+ ions with electrons. Journal of Chemical Physics, 2010, 133, 034305.	1.2	15
121	Chemical modeling of L183 (L134N): an estimate of the ortho/para H_2 ratio. Astronomy and Astrophysics, 2009, 494, 623-636.	2.1	141
122	Temperature dependence of binary and ternary recombination of H^+ ions with electrons. Physical Review A, 2009, 79, .	1.0	41
123	Calculations of direct and indirect dissociative recombination rates of He^+ ions with electrons. Physical Review A, 2009, 79, .	1.0	18
124	Theoretical study of the quenching of NH^+ molecules via collisions with Rb atoms. Physical Review A, 2009, 80, .	1.0	3
125	Binary and ternary recombination of D^+ ions with electrons in He . Physical Review A, 2009, 80, .	1.0	19
126	Universal Four-Boson States in Ultracold Molecular Gases: Resonant Effects in Dimer-Dimer Collisions. Physical Review Letters, 2009, 103, 033004.	2.9	46

#	ARTICLE	IF	CITATIONS
127	General Theoretical Description of N -Body Recombination. Physical Review Letters, 2009, 103, 153201.	2.9	45
128	Use of partial-wave decomposition to identify resonant interference effects in the photoionization excitation of argon. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 044008.	0.6	0
129	The short-range three-body phase and other issues impacting the observation of Efimov physics in ultracold quantum gases. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 044016.	0.6	64
130	Vibrational interference of Raman and high harmonic generation pathways. Chemical Physics, 2009, 366, 103-114.	0.9	8
131	The little molecule that could. Nature, 2009, 458, 975-976.	13.7	3
132	Signatures of universal four-body phenomena and their relation to the Efimov effect. Nature Physics, 2009, 5, 417-421.	6.5	217
133	One- and two-photon ionization cross sections of the laser-excited $6s6p^1P_1$ state of barium. Physical Review A, 2009, 80, .	1.0	8
134	Correlated Gaussian hyperspherical method for few-body systems. Physical Review A, 2009, 80, .	1.0	40
135	Dimer-dimer collisions at finite energies in two-component Fermi gases. Physical Review A, 2009, 79, .	1.0	23
136	Low-energy electron scattering from DNA including structural water and base-pair irregularities. Physical Review A, 2009, 80, .	1.0	23
137	Theory of dissociative recombination of a linear triatomic ion with permanent electric dipole moment: Study of HCO^+ . Physical Review A, 2009, 80, .	1.0	20
138	Rotational excitation of interstellar molecular ions by electrons. Journal of Physics: Conference Series, 2009, 192, 012016.	0.3	7
139	Non-adiabatic effects in dissociative recombination of molecular ions. Journal of Physics: Conference Series, 2009, 192, 012017.	0.3	1
140	Collective Coordinate Description of Anisotropically Trapped Degenerate Fermi Gases. Journal of Physical Chemistry A, 2009, 113, 15016-15023.	1.1	2
141	Femtosecond induced transparency and absorption in the extreme ultraviolet by coherent coupling of the He $2s2p$ ($1P_0$) and $2p^2$ ($1S_e$) double excitation states with 800nm light. Chemical Physics, 2008, 350, 7-13.	0.9	82
142	Energetics and structural properties of trapped two-component Fermi gases. Physical Review A, 2008, 77, .	1.0	73
143	Efimov states embedded in the three-body continuum. Physical Review A, 2008, 78, .	1.0	18
144	Limits of the Plane Wave Approximation in the Measurement of Molecular Properties. Journal of Physical Chemistry A, 2008, 112, 9439-9447.	1.1	22

#	ARTICLE	IF	CITATIONS
145	The degenerate Fermi gas with density-dependent interactions in the large- N limit under the K-harmonic approximation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008, 41, 205302.	0.6	8
146	Ultracold atom-molecule collisions with fermionic atoms. <i>Physical Review A</i> , 2008, 77, .	1.0	17
147	Theoretical rate of dissociative recombination of HCO^+ $\text{HCO}^+ + e^- \rightarrow \text{H} + \text{CO}$ Physical Review A, 2008, 77, .	1.0	24
148	Stability of inhomogeneous multicomponent Fermi gases. <i>Physical Review A</i> , 2008, 77, .	1.0	13
149	Indirect dissociative recombination of $\text{LiH}_2^+ + e^-$. <i>Physical Review A</i> , 2008, 78, .	1.0	6
150	Diffraction in low-energy electron scattering from DNA: Bridging gas-phase and solid-state theory. <i>Physical Review A</i> , 2008, 78, .	1.0	31
151	Recombination of H^+ ions in the afterglow of a He ⁺ Ar ⁺ H ⁺ plasma. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008, 41, 191001.	0.6	39
152	Rates for dissociative recombination of LiH^+ ions. <i>Journal of Physics: Conference Series</i> , 2008, 115, 012016.	0.3	5
153	Dissociative recombination of H_3^+ in the ground and excited vibrational states. <i>Journal of Chemical Physics</i> , 2007, 127, 124309.	1.2	91
154	Three-body recombination in one dimension. <i>Physical Review A</i> , 2007, 76, .	1.0	29
155	Publisher's Note: Hyperspherical description of the degenerate Fermi gas:s-wave interactions [Phys. Rev. A74, 053624 (2006)]. <i>Physical Review A</i> , 2007, 75, .	1.0	0
156	Spectrum and Dynamics of the BCS-BEC Crossover from a Few-Body Perspective. <i>Physical Review Letters</i> , 2007, 99, 090402.	2.9	56
157	Universal Properties of a Trapped Two-Component Fermi Gas at Unitarity. <i>Physical Review Letters</i> , 2007, 99, 233201.	2.9	95
158	BEC-BCS crossover of a trapped two-component Fermi gas with unequal masses. <i>Physical Review A</i> , 2007, 76, .	1.0	56
159	Coherent quantum engineering of free-space laser cooling. <i>Physical Review A</i> , 2007, 76, .	1.0	14
160	Renormalized mean-field theory for a two-component Fermi gas with s-wave interactions. <i>Physical Review A</i> , 2007, 75, .	1.0	16
161	High harmonic generation in SF_6 : Raman-excited vibrational quantum beats. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2007, 40, F277-F283.	0.6	22
162	Indirect Dissociative Recombination of LiH^+ Molecules Fueled by Complex Resonance Manifolds. <i>Physical Review Letters</i> , 2007, 98, .	2.9	40

#	ARTICLE	IF	CITATIONS
163	Vibrational excitation and dissociative recombination of the LiH ⁺ ion. Molecular Physics, 2007, 105, 1565-1574.	0.8	16
164	Low-energy electron scattering from DNA and RNA bases: Shape resonances and radiation damage. Journal of Chemical Physics, 2006, 124, 054312.	1.2	99
165	Theoretical progress and challenges in dissociative recombination. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2006, 364, 2965-2980.	1.6	13
166	A mâ@nage Å trois laid bare. Nature, 2006, 440, 289-290.	13.7	24
167	A Hyperspherical Variational Approach to the N-Fermion Problem. Few-Body Systems, 2006, 38, 85-90.	0.7	2
168	Near-threshold rotational excitation of molecular ions by electron impact. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 4261-4273.	0.6	30
169	Radiation damage to DNA: Electron scattering from the backbone subunits. Journal of Chemical Physics, 2006, 125, 094504.	1.2	70
170	Hyperspherical description of the degenerate Fermi gas:s-wave interactions. Physical Review A, 2006, 74, .	1.0	17
171	Interaction of intense vuv radiation with large xenon clusters. Physical Review A, 2006, 74, .	1.0	28
172	Renner-Teller effects inHCO+dissociative recombination. Physical Review A, 2006, 74, .	1.0	34
173	Experimental Verification of Minima in Excited Long-Range Rydberg States ofRb2. Physical Review Letters, 2006, 97, 233002.	2.9	38
174	Predictions of laser-cooling temperatures for multilevel atoms in three-dimensional polarization-gradient fields. Physical Review A, 2006, 73, .	1.0	2
175	Dissociative recombination of HCO+. Journal of Physics: Conference Series, 2005, 4, 148-154.	0.3	26
176	Theoretical study of the H3+ ion dissociative recombination process. Journal of Physics: Conference Series, 2005, 4, 74-82.	0.3	22
177	Feshbach resonance cooling of trapped atom pairs. Physical Review A, 2005, 71, .	1.0	7
178	Siegert pseudostates: Completeness and time evolution. Physical Review A, 2005, 71, .	1.0	31
179	Electronâ€molecule scattering calculations in a 3D finite element R-matrix approach. Journal of Chemical Physics, 2005, 122, 014111.	1.2	33
180	Comment on â€œFano Line Shapes Reconsidered: Symmetric Photoionization Peaks from Pure Continuum Excitationâ€• Physical Review Letters, 2005, 94, 229301; author reply 229302.	2.9	3

#	ARTICLE	IF	CITATIONS
181	Theoretical study of dissociative recombination of C ₂ triatomic ions: Application to H ₂ D ⁺ and D ₂ H ⁺ . Physical Review A, 2005, 72, .	1.0	31
182	High-Accuracy Optical Clock via Three-Level Coherence in Neutral Bosonic Sr ⁸⁸ . Physical Review Letters, 2005, 94, 173002.	2.9	106
183	Multiphoton ionization of xenon in the vuv regime. Physical Review A, 2004, 70, .	1.0	38
184	Photofragmentation of the H ₃ molecule, including Jahn-Teller coupling effects. Physical Review A, 2004, 69, .	1.0	27
185	A revised formula for 3-body recombination that cannot exceed the unitarity limit. Nuclear Physics A, 2004, 737, 119-124.	0.6	7
186	Triatomic dissociative recombination theory: Jahn-Teller coupling among infinitely many Born-Oppenheimer surfaces. Faraday Discussions, 2004, 127, 413-423.	1.6	9
187	Properties of metastable alkaline-earth-metal atoms calculated using an accurate effective core potential. Physical Review A, 2004, 69, .	1.0	98
188	Dissociative Recombination of Polyatomic Molecules: A New Mechanism. Physica Scripta, 2004, 110, 178.	1.2	1
189	Single-Stage Sub-Doppler Cooling of Alkaline Earth Atoms. Physical Review Letters, 2003, 90, 193002.	2.9	55
190	Comment on "Nonclassical Paths in the Recurrence Spectrum of Diamagnetic Atoms". Physical Review Letters, 2003, 91, 269301; author reply 269302.	2.9	4
191	Theory of Dissociative Recombination of D ₃ Triatomic Ions Applied to H ₃ ⁺ . Physical Review Letters, 2003, 90, 133201.	2.9	84
192	Tensorial analysis of the long-range interaction between metastable alkaline-earth-metal atoms. Physical Review A, 2003, 67, .	1.0	42
193	Unified theoretical treatment of dissociative recombination of D ₃ triatomic ions: Application to H ₃ ⁺ and D ₃ ⁺ . Physical Review A, 2003, 68, .	1.0	201
194	Granger and Greene Reply.. Physical Review Letters, 2003, 91, .	2.9	2
195	Xenon Clusters in Intense VUV Laser Fields. Physical Review Letters, 2003, 91, 233401.	2.9	103
196	Recombination of Three Ultracold Fermionic Atoms. Physical Review Letters, 2003, 90, 053202.	2.9	71
197	Nonclassical Paths in the Recurrence Spectrum of Diamagnetic Atoms. Physical Review Letters, 2003, 90, 043002.	2.9	8
198	Multichannel Cold Collisions between Metastable Sr Atoms. Physical Review Letters, 2003, 90, 253201.	2.9	44

#	ARTICLE	IF	CITATIONS
199	Atom-Molecule Laser Fed by Stimulated Three-Body Recombination. <i>Physical Review Letters</i> , 2003, 91, 070404.	2.9	18
200	Three-body recombination of cold fermionic atoms. <i>New Journal of Physics</i> , 2003, 5, 53-53.	1.2	32
201	A two-atom picture of coherent atom-molecule quantum beats. <i>New Journal of Physics</i> , 2003, 5, 111-111.	1.2	37
202	Importance of Jahn-Teller Coupling in the Dissociative Recombination of H ₃ ⁺ by Low Energy Electrons. , 2003, , 221-233.		3
203	Self-Compression of Ultrafast Optical Pulses using Molecular Phase Modulation. <i>Springer Series in Chemical Physics</i> , 2003, , 199-201.	0.2	0
204	Ultracold three-body recombination of fermionic atoms. , 2003, , .		0
205	Three particles in an external trap: Nature of the complete J=0 spectrum. <i>Physical Review A</i> , 2002, 66, .	1.0	25
206	Competition Among Molecular Fragmentation Channels Described with Siegert Channel Pseudostates. <i>Physical Review Letters</i> , 2002, 89, 263003.	2.9	39
207	Three-body recombination of cold helium atoms. <i>Physical Review A</i> , 2002, 65, .	1.0	114
208	Regularities and irregularities in partial photoionization cross sections of He. <i>Physical Review A</i> , 2002, 66, .	1.0	15
209	Excitation of the 3p ⁴ (4s,3d,4p)Ar+ states during Ar photoionization: Intensity, alignment, and orientation. <i>Physical Review A</i> , 2002, 65, .	1.0	5
210	Shape-resonance-induced long-range molecular Rydberg states. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, L199-L206.	0.6	127
211	Formation of Atomic Tritium Clusters and Bose-Einstein Condensates. <i>Physical Review Letters</i> , 2002, 89, 163402.	2.9	49
212	Fermi pseudopotential approximation: Two particles under external confinement. <i>Physical Review A</i> , 2002, 65, .	1.0	119
213	Multiphoton processes in a two-dimensional model of helium. <i>AIP Conference Proceedings</i> , 2002, , .	0.3	0
214	Lowest breathing mode of bosonic helium clusters. <i>European Physical Journal D</i> , 2002, 18, 83-86.	0.6	1
215	Phase Modulation of Ultrashort Light Pulses using Molecular Rotational Wave Packets. <i>Physical Review Letters</i> , 2001, 88, 013903.	2.9	222
216	Mechanism for the destruction of H ₃ ⁺ ions by electron impact. <i>Nature</i> , 2001, 412, 891-894.	13.7	168

#	ARTICLE	IF	CITATIONS
217	Quantum corrections to the ground-state energy of a trapped Bose-Einstein condensate: A diffusion Monte Carlo calculation. <i>Physical Review A</i> , 2001, 63, .	1.0	59
218	Quantum and semiclassical analysis of long-range Rydberg molecules. <i>Physical Review A</i> , 2001, 64, .	1.0	36
219	Nature of spinor Bose-Einstein condensates in rubidium. <i>Physical Review A</i> , 2001, 64, .	1.0	147
220	Comment on "Efimov States for H ₄ e Trimers". <i>Physical Review Letters</i> , 2001, 86, 4189-4189.	2.9	6
221	Threshold laws for three-body recombination. <i>Physical Review A</i> , 2001, 65, .	1.0	86
222	Vibrationally excited states and fragmentation geometries of Ne _N and Ar _N clusters, N=3-6, using hyperspherical coordinates. <i>Journal of Chemical Physics</i> , 2000, 113, 4242-4249.	1.2	14
223	Ground-state scattering lengths for potassium isotopes determined by double-resonance photoassociative spectroscopy of ultracold ³⁹ K. <i>Physical Review A</i> , 2000, 62, .	1.0	56
224	Resonant ion-pair formation in electron collisions with HD ⁺ and OH ⁺ . <i>Physical Review A</i> , 2000, 62, .	1.0	20
225	Monte Carlo hyperspherical description of helium cluster excited states. <i>Journal of Chemical Physics</i> , 2000, 112, 8053-8067.	1.2	94
226	Extending closed-orbit theory using quantum-defect ideas: Basic concepts and derivations. <i>Physical Review A</i> , 2000, 62, .	1.0	19
227	Comparative study of He ₃ , Ne ₃ , and Ar ₃ using hyperspherical coordinates. <i>Journal of Chemical Physics</i> , 2000, 113, 2145-2158.	1.2	69
228	Creation of Polar and Nonpolar Ultra-Long-Range Rydberg Molecules. <i>Physical Review Letters</i> , 2000, 85, 2458-2461.	2.9	360
229	Collision cross sections for argon atoms with argon atoms for energies from 0.01 eV to 10 keV. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000, 33, 2965-2981.	0.6	80
230	Calculation of a Preconvolved HD Photoionization Spectrum Using the Rovibrational Frame Transformation. <i>Physics Essays</i> , 2000, 13, 265-271.	0.1	0
231	Spin-orbit effects on photoionization-produced alignment of the Ar+3p ⁴ (3P)4p levels. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1999, 32, 4029-4037.	0.6	7
232	Determination of ³⁹ K scattering lengths using photoassociation spectroscopy of the 0g ⁻ state. <i>Physical Review A</i> , 1999, 60, 4417-4426.	1.0	29
233	Resonant Ion Pair Formation in Electron Collisions with Ground State Molecular Ions. <i>Physical Review Letters</i> , 1999, 83, 951-954.	2.9	27
234	Collisional properties of ultracold potassium: Consequences for degenerate Bose and Fermi gases. <i>Physical Review A</i> , 1999, 59, 3660-3664.	1.0	41

#	ARTICLE	IF	CITATIONS
235	Validity of the shape-independent approximation for Bose-Einstein condensates. <i>Physical Review A</i> , 1999, 60, 1451-1462.	1.0	69
236	Adventures of a Rydberg electron in an anisotropic world. <i>Reviews of Modern Physics</i> , 1999, 71, 821-833.	16.4	21
237	Spontaneous spatial symmetry breaking in two-component Bose-Einstein condensates. <i>Physical Review A</i> , 1999, 59, 1457-1460.	1.0	83
238	Recombination of Three Atoms in the Ultracold Limit. <i>Physical Review Letters</i> , 1999, 83, 1751-1754.	2.9	366
239	Superfluids mixing it up. <i>Nature</i> , 1998, 392, 434-435.	13.7	14
240	Resonant Magnetic Field Control of Elastic Scattering in Cold Rb. <i>Physical Review Letters</i> , 1998, 81, 5109-5112.	2.9	444
241	Prospects for Mixed-Isotope Bose-Einstein Condensates in Rubidium. <i>Physical Review Letters</i> , 1998, 80, 2097-2100.	2.9	95
242	Effective potentials for dilute Bose-Einstein condensates. <i>Physical Review A</i> , 1998, 58, 584-597.	1.0	70
243	Multichannel Cold Collisions: Simple Dependences on Energy and Magnetic Field. <i>Physical Review Letters</i> , 1998, 81, 3355-3358.	2.9	121
244	Nonadiabatic dipole polarizabilities of H_2^+ and D_2^+ ground states. <i>Physical Review A</i> , 1998, 58, 1082-1086.	1.0	24
245	Double and Triple Photoionization of Ground-State Lithium. <i>Physical Review Letters</i> , 1998, 81, 4333-4336.	2.9	38
246	Double photoionization and ionization excitation of the metastable helium S states. <i>Physical Review A</i> , 1998, 57, 3641-3645.	1.0	35
247	Low-lying excitations of double Bose-Einstein condensates. <i>Physical Review A</i> , 1998, 57, 1265-1271.	1.0	56
248	Multichannel photoionization spectroscopy of Ar: Total cross section and threshold photoelectrons. <i>Physical Review A</i> , 1998, 58, 2097-2105.	1.0	14
249	Dominance of short-range correlations in photoejection-induced excitation processes. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1997, 30, L641-L647.	0.6	9
250	One-dimensional model for coherent control. <i>Physical Review A</i> , 1997, 56, 2132-2141.	1.0	0
251	Anisotropic interactions in autoionizing Rydberg systems. <i>Physical Review A</i> , 1997, 56, 403-414.	1.0	6
252	Theoretical investigation of barium-helium collisions. I. The adiabatic potential curves. <i>Physical Review A</i> , 1997, 56, 2005-2012.	1.0	13

#	ARTICLE	IF	CITATIONS
253	Theoretical investigation of barium-helium collisions. The excitation transfer cross sections. Physical Review A, 1997, 56, 2013-2019.	1.0	3
254	Two-Electron Photoejection of He and H^+ . Physical Review Letters, 1997, 78, 4902-4905.	2.9	64
255	Classical examination of the Stark effect in hydrogen. Physical Review A, 1997, 55, 4609-4612.	1.0	12
256	Impact of the Rb87 singlet scattering length on suppressing inelastic collisions. Physical Review A, 1997, 55, R2511-R2514.	1.0	65
257	Rydberg states of triatomic hydrogen. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1997, 355, 1609-1621.	1.6	5
258	Hartree-Fock Theory for Double Condensates. Physical Review Letters, 1997, 78, 3594-3597.	2.9	462
259	Double photoionization of helium. , 1997, , .		0
260	Adiabatic hyperspherical study of the helium trimer. Physical Review A, 1996, 54, 394-401.	1.0	196
261	Photoabsorption and photoionization of titanium from excited states. Journal of the Optical Society of America B: Optical Physics, 1996, 13, 244.	0.9	9
262	Multichannel Rydberg spectroscopy of complex atoms. Reviews of Modern Physics, 1996, 68, 1015-1123.	16.4	428
263	Signatures of strong correlations in photoionization. AIP Conference Proceedings, 1996, , .	0.3	0
264	A study of the charge density in ionic molecules containing F^+ . Chemical Physics Letters, 1996, 258, 607-612.	1.2	3
265	High-resolution experimental and theoretical study of singly and doubly excited resonances in ground-state photoionization of neon. Physical Review A, 1996, 54, 3095-3112.	1.0	77
266	Anisotropic interaction potential between a Rydberg electron and an open-shell ion. Physical Review A, 1996, 53, 2248-2261.	1.0	25
267	Calculation of near-threshold O^+ photodetachment, including fine-structure effects. Physical Review A, 1996, 53, 3247-3252.	1.0	10
268	Multichannel spectrum of neutral particles trapped by a wire. Physical Review A, 1996, 54, 3225-3234.	1.0	20
269	Resonant formation of Ca^+ from the $Ca^*(4s25d1D2)$ level explained by autoionization through the $3d3/29f5/2, j^{\pi}=2^+$ resonance. Physical Review A, 1996, 54, 1577-1585.	1.0	5
270	Photodetachment of Li^+ from the Li 3 threshold to the Li 6 threshold. Physical Review A, 1996, 53, 840-852.	1.0	35

#	ARTICLE	IF	CITATIONS
271	Role of the scattering length in three-boson dynamics and Bose - Einstein condensation. Journal of Physics B: Atomic, Molecular and Optical Physics, 1996, 29, L51-L57.	0.6	42
272	Rydberg state dynamics of rotating, vibrating H ₃ and the Jahn-Teller effect. Journal of Chemical Physics, 1995, 102, 1579-1591.	1.2	43
273	Competing predissociation and preionization in the photoabsorption of H ₂ above the ionization threshold. Journal of Chemical Physics, 1995, 103, 5470-5475.	1.2	8
274	Spin-orbit effects in aluminum photoionization. Physical Review A, 1995, 51, 513-527.	1.0	10
275	Simplified model of electron scattering using R-matrix methods. Physical Review A, 1995, 52, 1334-1343.	1.0	59
276	Doubly-Excited States in the Spectrum of Molecular Hydrogen. The Journal of Physical Chemistry, 1995, 99, 1711-1718.	2.9	22
277	Parallels between high doubly excited state spectra in H and Li-photodetachment. Journal of Physics B: Atomic, Molecular and Optical Physics, 1994, 27, L137-L142.	0.6	33
278	Vibrational autoionization in H ₂ above the $v=3$ ionization limit. Journal of Chemical Physics, 1994, 100, 7135-7143.	1.2	17
279	Evolution of barium autoionizing Stark spectra with energy and field. Physical Review A, 1994, 50, 4956-4974.	1.0	25
280	Quantum Defect Description of H ₃ Rydberg State Dynamics. Physical Review Letters, 1994, 72, 1624-1627.	2.9	28
281	Simplest doubly charged negative ion: Nonexistence of H ₂ ⁻ resonances. Physical Review A, 1994, 49, 1866-1874.	1.0	53
282	Double photoionization of helium using R-matrix methods. Physical Review A, 1994, 50, R3573-R3576.	1.0	46
283	Asymmetric two-electron excitations in atomic strontium and barium. Physical Review A, 1994, 49, 1029-1040.	1.0	30
284	Electric field effects on barium autoionizing spectra. Physical Review Letters, 1993, 70, 2379-2382.	2.9	20
285	Short-range correlation and relaxation effects on the (6p ²) ¹ S ^o autoionizing state of atomic barium. Journal of Physics B: Atomic, Molecular and Optical Physics, 1993, 26, L109-L116.	0.6	13
286	Photoionization of the barium 6s6p ¹ P ^o ₁ state: Comparison of theory and experiment including hyperfine-depolarization effects. Physical Review A, 1993, 47, 229-235.	1.0	26
287	Valence-shell photoabsorption spectra of C, Si, Ge, and Sn. Physical Review A, 1993, 47, 4908-4919.	1.0	18
288	Predissociation of H ₂ in the 3p ¹ D ^u +1 state. Physical Review A, 1993, 47, 4877-4884.	1.0	41

#	ARTICLE	IF	CITATIONS
289	Photoionization of the scandium atom. II. Classifications. Physical Review A, 1993, 48, 4441-4449.	1.0	23
290	Photoionization of the scandium atom. I. General features. Physical Review A, 1993, 48, 4429-4440.	1.0	22
291	Comment on $\hat{\epsilon}^{-}\hat{\epsilon}^{-}$ Measurement of the ratio of double-to-single photoionization of helium at 2.8 keV using synchrotron radiation $\hat{\epsilon}^{\text{TM}}\hat{\epsilon}^{\text{TM}}$. Physical Review Letters, 1993, 71, 201-201.	2.9	67
292	Partial and differential photoionization cross sections of Cl and Br. Physical Review A, 1993, 47, 1066-1074.	1.0	26
293	Photoionization of the 5d6p3D1state of barium. Physical Review A, 1993, 47, 1981-1988.	1.0	15
294	Angular distributions of ejected electrons from autoionizing 3pndstates of magnesium. Physical Review A, 1992, 46, 3789-3806.	1.0	49
295	Extensive eigenchannelR-matrix study of theH $\hat{\alpha}$ photodetachment spectrum. Physical Review A, 1992, 45, 1587-1595.	1.0	97
296	Regularities in calculated photoionization cross sections for the halogens. Physical Review A, 1992, 46, 3821-3833.	1.0	71
297	Oscillator strengths and radiative branching ratios in atomic Sr. Physical Review A, 1992, 46, 1248-1260.	1.0	55
298	Electric field effects on resonance structures in negative ion photodetachment. Radiation Effects and Defects in Solids, 1991, 122-123, 679-689.	0.4	18
299	Laser-based VUV spectroscopy of doubly excited Ca I. Journal of Physics B: Atomic, Molecular and Optical Physics, 1991, 24, L179-L184.	0.6	15
300	Parameter-dependent multichannel Rydberg spectra. Physical Review A, 1991, 44, 1874-1883.	1.0	25
301	R-matrix calculation of atomic hydrogen photoionization in a strong magnetic field. Physical Review A, 1991, 44, 7448-7458.	1.0	19
302	Extensive double-excitation states in atomic helium. Physical Review Letters, 1991, 66, 1306-1309.	2.9	196
303	Spin-orbit effects in the heavy alkaline-earth atoms. Physical Review A, 1991, 44, 1773-1790.	1.0	122
304	Photoionization of the Ba 6s6p1P1state. Physical Review A, 1990, 42, 5773-5775.	1.0	15
305	Dominant photodetachment channels inH $\hat{\alpha}^{\text{r}}$. Physical Review Letters, 1990, 65, 313-316.	2.9	116
306	Photoabsorption spectra of the heavy alkali-metal negative ions. Physical Review A, 1990, 42, 1405-1415.	1.0	64

#	ARTICLE	IF	CITATIONS
307	Quantum defect description of non-Rydberg molecules. Journal of Chemical Physics, 1990, 93, 1791-1798.	1.2	1
308	Alternative vibrational frame transformation for electron-molecule scattering. Physical Review A, 1990, 42, 6946-6949.	1.0	18
309	Quantal description of diamagnetic quasi-Landau-resonances. Physical Review A, 1989, 40, 742-751.	1.0	14
310	Energy-dependent vibrational frame transformation for electron-molecule scattering with simplified models. Journal of Chemical Physics, 1989, 91, 3988-3998.	1.2	16
311	Anisotropy of excited He ⁺ formed in the photoionization of helium. Physical Review A, 1989, 39, 115-125.	1.0	13
312	Multichannel Rydberg spectra of the rare gas dimers. Journal of Chemical Physics, 1989, 90, 6347-6360.	1.2	27
313	Stable negative ions of the heavy alkaline-earth atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 1989, 22, L175-L182.	0.6	64
314	Interpretation of oscillatory structures in Rb ⁺ photodetachment. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1988, 9, 219-221.	1.0	16
315	Negative-ion photodetachment in an electric field. Physical Review A, 1988, 37, 2393-2403.	1.0	57
316	Streamlined eigenchannel treatment of open-shell spectra. Physical Review A, 1988, 38, 5953-5956.	1.0	61
317	Two-electron excitations in atomic calcium. III. High-lying resonances above the 4p threshold. Physical Review A, 1988, 38, 2361-2370.	1.0	28
318	Variational Calculation of Channel Interaction Parameters. NATO ASI Series Series B: Physics, 1988, , 105-127.	0.2	7
319	The Production and Measurement of Anisotropy Using Photons. NATO ASI Series Series B: Physics, 1988, , 177-196.	0.2	0
320	Angular distribution of slow photoelectrons near the threshold for double escape. Journal of Physics B: Atomic and Molecular Physics, 1987, 20, L357-L361.	1.6	37
321	Two-electron excitations in atomic calcium. I. Physical Review A, 1987, 36, 2706-2717.	1.0	116
322	Two-electron excitations in atomic calcium. II. Fine-structure effects. Physical Review A, 1987, 36, 4272-4279.	1.0	54
323	Interaction between a Rydberg atom and neutral perturbers. Physical Review A, 1987, 36, 971-974.	1.0	44
324	Negative-ion photodetachment in a weak magnetic field. Physical Review A, 1987, 36, 4236-4244.	1.0	50

#	ARTICLE	IF	CITATIONS
325	Positron-hydrogen resonances associated with the $N=2$ positronium and $N=3$ hydrogen thresholds. <i>Physical Review A</i> , 1987, 35, 3169-3171.	1.0	37
326	Multiple excitations of atomic electrons. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1987, 4, 775.	0.9	20
327	Implementation of the quantum-defect theory for arbitrary long-range potentials. <i>Physical Review A</i> , 1986, 34, 1635-1641.	1.0	29
328	Quantum defect analysis of HD photoionization. <i>Journal of Chemical Physics</i> , 1986, 85, 5430-5436.	1.2	44
329	Resonant Photodetachment of the Positronium Negative Ion. <i>Physical Review Letters</i> , 1986, 56, 1366-1369.	2.9	67
330	Molecular Applications of Quantum Defect Theory. <i>Advances in Atomic and Molecular Physics</i> , 1985, , 51-121.	2.0	436
331	Dipole threshold laws for single and double detachment from negative ions. <i>Physical Review A</i> , 1985, 32, 1352-1356.	1.0	25
332	Channel-interaction theory in a finite volume. <i>Physical Review A</i> , 1985, 32, 1880-1882.	1.0	48
333	Positronium negative ion: An adiabatic study using hyperspherical coordinates. <i>Physical Review A</i> , 1985, 32, 1249-1251.	1.0	36
334	Vibrational Frame Transformation for Electron-Molecule Scattering. <i>Physical Review Letters</i> , 1985, 55, 1066-1069.	2.9	32
335	Doubly excited states of beryllium and magnesium. <i>Physical Review A</i> , 1985, 31, 250-259.	1.0	113
336	Depolarization of optically prepared molecules by two randomly oriented spins. <i>Molecular Physics</i> , 1985, 55, 1-9.	0.8	73
337	Anisotropy in Photofragmentation. <i>NATO ASI Series Series B: Physics</i> , 1985, , 489-501.	0.2	0
338	Elements of Quantum Defect Theory. III. Diatomic Molecules. , 1985, , 245-259.		1
339	Spin correlations in photodetachment. <i>Physical Review A</i> , 1984, 29, 177-182.	1.0	6
340	Adiabatic hyperspherical treatment of lithium Po_2 states. <i>Physical Review A</i> , 1984, 30, 2161-2169.	1.0	22
341	Determination of product population and alignment using laser-induced fluorescence. <i>Journal of Chemical Physics</i> , 1983, 78, 6741-6753.	1.2	362
342	Effect of symmetry on two-electron escape at threshold. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1983, 16, 99-106.	1.6	113

#	ARTICLE	IF	CITATIONS
343	Atomic photoionization in a strong magnetic field. <i>Physical Review A</i> , 1983, 28, 2209-2216.	1.0	108
344	Photonization-produced alignment of Cd. <i>Physical Review A</i> , 1982, 25, 2031-2037.	1.0	44
345	Adiabatic hyperspherical treatment of the H ₂ ⁺ molecule. <i>Physical Review A</i> , 1982, 26, 2974-2976.	1.0	20
346	Double Escape of Two Electrons at Threshold: Dependence on L, S, and ħ. <i>Physical Review Letters</i> , 1982, 48, 533-537.	2.9	145
347	General form of the quantum-defect theory. II. <i>Physical Review A</i> , 1982, 26, 2441-2459.	1.0	201
348	Photofragment Alignment and Orientation. <i>Annual Review of Physical Chemistry</i> , 1982, 33, 119-150.	4.8	405
349	Doubly excited states of the alkaline-earth atoms. <i>Physical Review A</i> , 1981, 23, 661-678.	1.0	145
350	Interpretation of Feshbach resonances in H-photodetachment. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1980, 13, L39-L44.	1.6	38
351	Hyperspherical analysis of three-electron dynamics. <i>Physical Review A</i> , 1980, 21, 1786-1797.	1.0	46
352	Dependence of photoabsorption spectra on long-range fields. <i>Physical Review A</i> , 1980, 22, 149-157.	1.0	33
353	Atomic polarizability in negative-ion photodetachment. <i>Physical Review A</i> , 1980, 22, 158-169.	1.0	99
354	Unfavored angular distributions. <i>Physical Review A</i> , 1980, 22, 1760-1763.	1.0	13
355	Manifestation of Dynamically Unfavored Transitions in the Angular Distribution of Photofragments. <i>Physical Review Letters</i> , 1980, 44, 869-871.	2.9	51
356	Alignment and orientation of the 3pP ₃ state in He ⁴ i as a function of foil tilt angle. <i>Physical Review A</i> , 1979, 20, 404-409.	1.0	10
357	General form of the quantum-defect theory. <i>Physical Review A</i> , 1979, 19, 1485-1509.	1.0	248
358	Generalized quantum defects: Their variations with energy and radius. <i>Physical Review A</i> , 1979, 20, 656-669.	1.0	26
359	Ultra-long range, ultracold polar and non-polar Rydberg molecules. , 0, , .		0