List of Publications by Year in descending order

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| #  | Article                                                                                                                                                                                          | IF   | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Exact-Factorization-Based Surface Hopping for Multistate Dynamics. Journal of Physical Chemistry<br>Letters, 2022, 13, 1785-1790.                                                                | 2.1  | 16        |
| 2  | Conformer-Specific Dissociation Dynamics in Dimethyl Methylphosphonate Radical Cation. Molecules, 2022, 27, 2269.                                                                                | 1.7  | 1         |
| 3  | A Unique QP Partitioning and Siegert Width Using Real-Valued Continuum-Remover Potential. Journal of Chemical Theory and Computation, 2022, 18, 2863-2874.                                       | 2.3  | 3         |
| 4  | Developments in ultrafast spectroscopy. Physical Chemistry Chemical Physics, 2022, , .                                                                                                           | 1.3  | 1         |
| 5  | Modeling the Electronic Absorption Spectra of the Indocarbocyanine Cy3. Molecules, 2022, 27, 4062.                                                                                               | 1.7  | 8         |
| 6  | Benchmarking Quantum Mechanical Methods for the Description of Charge-Transfer States in<br>ï€-Stacked Nucleobases. Journal of Chemical Theory and Computation, 2021, 17, 376-387.               | 2.3  | 13        |
| 7  | Effect of dynamic correlation on the ultrafast relaxation of uracil in the gas phase. Faraday<br>Discussions, 2021, 228, 266-285.                                                                | 1.6  | 15        |
| 8  | Modeling solvation effects on absorption and fluorescence spectra of indole in aqueous solution.<br>Journal of Chemical Physics, 2021, 154, 064104.                                              | 1.2  | 9         |
| 9  | Time Resolved Photoelectron Spectroscopy as a Test of Electronic Structure and Nonadiabatic<br>Dynamics. Journal of Physical Chemistry Letters, 2021, 12, 5099-5104.                             | 2.1  | 13        |
| 10 | Electronic Structure Methods for the Description of Nonadiabatic Effects and Conical Intersections.<br>Chemical Reviews, 2021, 121, 9407-9449.                                                   | 23.0 | 61        |
| 11 | Modeling the Ultrafast Electron Attachment Dynamics of Solvated Uracil. Journal of Physical Chemistry A, 2021, 125, 6995-7003.                                                                   | 1.1  | 8         |
| 12 | Accurate Modeling of Excitonic Coupling in Cyanine Dye Cy3. Journal of Physical Chemistry A, 2021, 125, 7852-7866.                                                                               | 1.1  | 13        |
| 13 | Description of Two-Particle One-Hole Electronic Resonances Using Orbital Stabilization Methods.<br>Journal of Physical Chemistry A, 2020, 124, 9011-9020.                                        | 1.1  | 8         |
| 14 | Understanding the Interplay between the Nonvalence and Valence States of the Uracil Anion upon<br>Monohydration. Journal of Physical Chemistry A, 2020, 124, 9237-9243.                          | 1.1  | 5         |
| 15 | Stabilization of the Triplet Biradical Intermediate of 5â€Methylcytosine Enhances Cyclobutane<br>Pyrimidine Dimer (CPD) Formation in DNA. Chemistry - A European Journal, 2020, 26, 14181-14186. | 1.7  | 3         |
| 16 | Excited state dynamics of cis,cis-1,3-cyclooctadiene: UV pump VUV probe time-resolved photoelectron spectroscopy. Journal of Chemical Physics, 2020, 153, 074301.                                | 1.2  | 8         |
| 17 | Excited state dynamics of <i>cis</i> , <i>cis</i> -1,3-cyclooctadiene: Non-adiabatic trajectory surface hopping. Journal of Chemical Physics, 2020, 152, 174302.                                 | 1.2  | 9         |
| 18 | The generality of the GUGA MRCI approach in COLUMBUS for treating complex quantum chemistry.<br>Journal of Chemical Physics, 2020, 152, 134110.                                                  | 1.2  | 42        |

| #  | Article                                                                                                                                                                                                                    | IF   | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Theoretical Investigation of Positional Substitution and Solvent Effects on <i>n</i> -Cyanoindole Fluorescent Probes. Journal of Physical Chemistry B, 2019, 123, 7424-7435.                                               | 1.2  | 17        |
| 20 | Electron correlation in channel-resolved strong-field molecular double ionization. Physical Review A, 2019, 100, .                                                                                                         | 1.0  | 10        |
| 21 | Role of charge transfer states into the formation of cyclobutane pyrimidine dimers in DNA. Faraday<br>Discussions, 2019, 216, 507-519.                                                                                     | 1.6  | 12        |
| 22 | Comparative study of methodologies for calculating metastable states of small to medium-sized molecules. Journal of Chemical Physics, 2019, 151, 244104.                                                                   | 1.2  | 30        |
| 23 | Intersystem crossing in the exit channel. Nature Chemistry, 2019, 11, 123-128.                                                                                                                                             | 6.6  | 36        |
| 24 | Electron-induced origins of prebiotic building blocks of sugars: mechanism of self-reactions of a methanol anion dimer. Physical Chemistry Chemical Physics, 2018, 20, 12599-12607.                                        | 1.3  | 3         |
| 25 | Quadruple coincidence measurement of electron correlation in strong-field molecular double ionization. Physical Review A, 2018, 97, .                                                                                      | 1.0  | 2         |
| 26 | Electronic Resonances of Nucleobases Using Stabilization Methods. Journal of Physical Chemistry A, 2018, 122, 4048-4057.                                                                                                   | 1.1  | 19        |
| 27 | Photochemical Formation of Cyclobutane Pyrimidine Dimers in DNA through Electron Transfer from a Flanking Base. ChemPhysChem, 2018, 19, 1568-1571.                                                                         | 1.0  | 13        |
| 28 | Origins of Photodamage in Pheomelanin Constituents: Photochemistry of 4-Hydroxybenzothiazole.<br>Journal of Physical Chemistry A, 2018, 122, 1986-1993.                                                                    | 1.1  | 5         |
| 29 | Calculations of non-adiabatic couplings within equation-of-motion coupled-cluster framework:<br>Theory, implementation, and validation against multi-reference methods. Journal of Chemical Physics,<br>2018, 148, 044103. | 1.2  | 44        |
| 30 | Mechanistic insights into photoinduced damage of DNA and RNA nucleobases in the gas phase and in bulk solution. Faraday Discussions, 2018, 207, 329-350.                                                                   | 1.6  | 10        |
| 31 | Strong-field- versus weak-field-ionization pump-probe spectroscopy. Physical Review A, 2018, 98, .                                                                                                                         | 1.0  | 16        |
| 32 | The origin of fluorescence in DNA thio-analogues. Chemical Physics, 2018, 515, 434-440.                                                                                                                                    | 0.9  | 14        |
| 33 | Introduction: Theoretical Modeling of Excited State Processes. Chemical Reviews, 2018, 118, 6925-6926.                                                                                                                     | 23.0 | 20        |
| 34 | Substituent Effects on the Absorption and Fluorescence Properties of Anthracene. Journal of Physical Chemistry A, 2017, 121, 1213-1222.                                                                                    | 1.1  | 49        |
| 35 | Ultrafast internal conversion dynamics of highly excited pyrrole studied with VUV/UV pump probe spectroscopy. Journal of Chemical Physics, 2017, 146, 064306.                                                              | 1.2  | 9         |
| 36 | Controlling Photorelaxation in Uracil with Shaped Laser Pulses: AÂTheoretical Assessment. Journal of<br>the American Chemical Society, 2017, 139, 5061-5066.                                                               | 6.6  | 35        |

| #  | Article                                                                                                                                                                                                                         | IF  | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Mechanisms of H and CO loss from the uracil nucleobase following low energy electron irradiation.<br>Physical Chemistry Chemical Physics, 2017, 19, 17233-17241.                                                                | 1.3 | 11        |
| 38 | Conformational and electronic effects on the formation of anti cyclobutane pyrimidine dimers in G-quadruplex structures. Physical Chemistry Chemical Physics, 2017, 19, 3325-3336.                                              | 1.3 | 12        |
| 39 | Vibrationally assisted below-threshold ionization. Physical Review A, 2017, 95, .                                                                                                                                               | 1.0 | 7         |
| 40 | Surface hopping investigation of the relaxation dynamics in radical cations. Journal of Chemical Physics, 2016, 144, 034301.                                                                                                    | 1.2 | 33        |
| 41 | Photophysical properties of pyrrolocytosine, a cytosine fluorescent base analogue. Physical<br>Chemistry Chemical Physics, 2016, 18, 20189-20198.                                                                               | 1.3 | 16        |
| 42 | Coexistence of Different Electronâ€Transfer Mechanisms in the DNA Repair Process by Photolyase.<br>Chemistry - A European Journal, 2016, 22, 11371-11381.                                                                       | 1.7 | 23        |
| 43 | Core-excited and shape resonances of uracil. Physical Chemistry Chemical Physics, 2016, 18, 30536-30545.                                                                                                                        | 1.3 | 27        |
| 44 | Excimers and Exciplexes in Photoinitiated Processes of Oligonucleotides. Journal of Physical<br>Chemistry Letters, 2016, 7, 976-984.                                                                                            | 2.1 | 38        |
| 45 | Molecular Double Ionization Using Strong Field Few-Cycle Laser Pulses. Journal of Physical Chemistry<br>A, 2016, 120, 3233-3240.                                                                                                | 1.1 | 8         |
| 46 | Excited State Relaxation of Neutral and Basic 8-Oxoguanine. Journal of Physical Chemistry B, 2015, 119, 8293-8301.                                                                                                              | 1.2 | 12        |
| 47 | Photoelectron Spectrum and Dynamics of the Uracil Cation. Journal of Physical Chemistry A, 2015, 119, 866-875.                                                                                                                  | 1.1 | 23        |
| 48 | Controlling the dissociation dynamics of acetophenone radical cation through excitation of ground<br>and excited state wavepackets. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48,<br>164002.           | 0.6 | 15        |
| 49 | QM/MM studies reveal pathways leading to the quenching of the formation of thymine dimer photoproduct by flanking bases. Physical Chemistry Chemical Physics, 2015, 17, 9927-9935.                                              | 1.3 | 27        |
| 50 | Photophysical deactivation pathways in adenine oligonucleotides. Physical Chemistry Chemical Physics, 2015, 17, 31073-31083.                                                                                                    | 1.3 | 15        |
| 51 | Role of Excitonic Coupling and Charge-Transfer States in the Absorption and CD Spectra of<br>Adenine-Based Oligonucleotides Investigated through QM/MM Simulations. Journal of Physical<br>Chemistry A, 2014, 118, 12021-12030. | 1.1 | 34        |
| 52 | Strong Field Adiabatic Ionization Prepares a Launch State for Coherent Control. Journal of Physical<br>Chemistry Letters, 2014, 5, 4305-4309.                                                                                   | 2.1 | 18        |
| 53 | What We Can Learn from the Norms of One-Particle Density Matrices, and What We Can't: Some<br>Results for Interstate Properties in Model Singlet Fission Systems. Journal of Physical Chemistry A,<br>2014, 118, 11943-11955.   | 1.1 | 80        |
| 54 | Theoretical studies of the excited states of p-cyanophenylalanine and comparisons with the natural amino acids phenylalanine and tyrosine. Theoretical Chemistry Accounts, 2014, 133, 1.                                        | 0.5 | 4         |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Radical cation spectroscopy of substituted alkyl phenyl ketones via tunnel ionization. Chemical<br>Physics, 2014, 442, 81-85.                                                                                | 0.9 | 13        |
| 56 | Ultrafast Excited-State Dynamics and Vibrational Cooling of 8-Oxo-7,8-dihydro-2′-deoxyguanosine in<br>D <sub>2</sub> O. Journal of Physical Chemistry A, 2013, 117, 12851-12857.                             | 1.1 | 18        |
| 57 | High-Multiplicity Natural Orbitals in Multireference Configuration Interaction for Excited State<br>Potential Energy Surfaces. Journal of Physical Chemistry A, 2013, 117, 7421-7430.                        | 1.1 | 17        |
| 58 | Contrasting Photophysical Properties of Star-Shaped vs Linear Perylene Diimide Complexes. Journal of the American Chemical Society, 2013, 135, 3056-3066.                                                    | 6.6 | 31        |
| 59 | A Benchmark of Excitonic Couplings Derived from Atomic Transition Charges. Journal of Physical Chemistry B, 2013, 117, 2032-2044.                                                                            | 1.2 | 65        |
| 60 | Angleâ€Resolved Strongâ€Field Ionization of Polyatomic Molecules: More than the Orbitals Matters.<br>ChemPhysChem, 2013, 14, 1451-1455.                                                                      | 1.0 | 12        |
| 61 | Bonded Excimer Formation in π-Stacked 9-Methyladenine Dimers. Journal of Physical Chemistry A, 2013,<br>117, 8718-8728.                                                                                      | 1.1 | 25        |
| 62 | Excited-State Tautomerization of Gas-Phase Cytosine. Journal of Physical Chemistry A, 2013, 117, 12165-12174.                                                                                                | 1.1 | 31        |
| 63 | Measurement of an Electronic Resonance in a Ground-State, Gas-Phase Acetophenone Cation via<br>Strong-Field Mass Spectrometry. Journal of Physical Chemistry Letters, 2013, 4, 1587-1591.                    | 2.1 | 23        |
| 64 | Measurement of Ionic Resonances in Alkyl Phenyl Ketone Cations via Infrared Strong Field Mass<br>Spectrometry. Journal of Physical Chemistry A, 2013, 117, 12374-12381.                                      | 1.1 | 18        |
| 65 | Exciplexes and conical intersections lead to fluorescence quenching in ï€-stacked dimers of<br>2-aminopurine with natural purine nucleobases. Photochemical and Photobiological Sciences, 2013, 12,<br>1387. | 1.6 | 32        |
| 66 | Ultrafast Relaxation Dynamics of Uracil Probed via Strong Field Dissociative Ionization. Journal of<br>Physical Chemistry A, 2013, 117, 12796-12801.                                                         | 1.1 | 46        |
| 67 | Neutral-Ionic State Correlations in Strong-Field Molecular Ionization. Physical Review Letters, 2012, 109, 203007.                                                                                           | 2.9 | 29        |
| 68 | The influence of excited state topology on wavepacket delocalization in the relaxation of photoexcited polyatomic molecules. Journal of Chemical Physics, 2012, 137, 22A537.                                 | 1.2 | 10        |
| 69 | Two-Dimensional Fourier Transform Spectroscopy of Adenine and Uracil Using Shaped Ultrafast Laser<br>Pulses in the Deep UV. Journal of Physical Chemistry A, 2012, 116, 2654-2661.                           | 1.1 | 46        |
| 70 | Dyson norms in XUV and strong-field ionization of polyatomics: Cytosine and uracil. Physical Review<br>A, 2012, 86, .                                                                                        | 1.0 | 65        |
| 71 | Fragmentation Pathways in the Uracil Radical Cation. Journal of Physical Chemistry A, 2012, 116, 9217-9227.                                                                                                  | 1.1 | 32        |
| 72 | High-Multiplicity Natural Orbitals in Multireference Configuration Interaction for Excited States.<br>Journal of Chemical Theory and Computation, 2012, 8, 509-517.                                          | 2.3 | 19        |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | On the Accessibility to Conical Intersections in Purines: Hypoxanthine and its Singly Protonated and Deprotonated Forms. Journal of the American Chemical Society, 2012, 134, 7820-7829.                                                     | 6.6 | 35        |
| 74 | Following Ultrafast Radiationless Relaxation Dynamics With Strong Field Dissociative Ionization: A<br>Comparison Between Adenine, Uracil, and Cytosine. IEEE Journal of Selected Topics in Quantum<br>Electronics, 2012, 18, 187-194.        | 1.9 | 39        |
| 75 | Combining dissociative ionization pump–probe spectroscopy and ab initio calculations to interpret dynamics and control through conical intersections. Faraday Discussions, 2011, 153, 247.                                                   | 1.6 | 20        |
| 76 | Three-State Conical Intersections. Advanced Series in Physical Chemistry, 2011, , 83-116.                                                                                                                                                    | 1.5 | 2         |
| 77 | Nonadiabatic Events and Conical Intersections. Annual Review of Physical Chemistry, 2011, 62, 621-643.                                                                                                                                       | 4.8 | 253       |
| 78 | Strong-Field Molecular Ionization from Multiple Orbitals. Physical Review X, 2011, 1, .                                                                                                                                                      | 2.8 | 15        |
| 79 | Pathways for Fluorescence Quenching in 2-Aminopurine π-Stacked with Pyrimidine Nucleobases.<br>Journal of the American Chemical Society, 2011, 133, 6799-6808.                                                                               | 6.6 | 49        |
| 80 | Change in Electronic Structure upon Optical Excitation of 8-Vinyladenosine: An Experimental and Theoretical Study. Journal of Physical Chemistry A, 2010, 114, 256-267.                                                                      | 1.1 | 24        |
| 81 | Excited-State Energies and Electronic Couplings of DNA Base Dimers. Journal of Physical Chemistry B, 2010, 114, 1674-1683.                                                                                                                   | 1.2 | 47        |
| 82 | Photophysical pathways of cytosine in aqueous solution. Physical Chemistry Chemical Physics, 2010, 12, 5024.                                                                                                                                 | 1.3 | 23        |
| 83 | State-resolved distribution of OH X Î2 products arising from electronic quenching of OH A Σ2+ by N2.<br>Journal of Chemical Physics, 2009, 130, 104307.                                                                                      | 1.2 | 17        |
| 84 | Closed-loop learning control of isomerization using shaped ultrafast laser pulses in the deep ultraviolet. Journal of Chemical Physics, 2009, 130, 134311.                                                                                   | 1.2 | 58        |
| 85 | Two-Dimensional Ultrafast Fourier Transform Spectroscopy in the Deep Ultraviolet. Optics Express, 2009, 17, 18788.                                                                                                                           | 1.7 | 87        |
| 86 | Solvatochromic Shifts of Uracil and Cytosine Using a Combined Multireference Configuration<br>Interaction/Molecular Dynamics Approach and the Fragment Molecular Orbital Method. Journal of<br>Physical Chemistry A, 2009, 113, 12396-12403. | 1.1 | 58        |
| 87 | Excited electronic states and photophysics of uracil–water complexes. Chemical Physics, 2008, 347, 393-404.                                                                                                                                  | 0.9 | 40        |
| 88 | Two- and three-state conical intersections in the uracil cation. Chemical Physics, 2008, 349, 356-362.                                                                                                                                       | 0.9 | 30        |
| 89 | Three-state conical intersections in cytosine and pyrimidinone bases. Journal of Chemical Physics, 2008, 128, 215102.                                                                                                                        | 1.2 | 110       |
| 90 | On the Electronically Excited States of Uracil. Journal of Physical Chemistry A, 2008, 112, 9983-9992.                                                                                                                                       | 1.1 | 115       |

| #   | Article                                                                                                                                                                                                                                                                                               | IF           | CITATIONS |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
| 91  | 2-Aminopurine Excited State Electronic Structure Measured by Stark Spectroscopy. Journal of<br>Physical Chemistry B, 2008, 112, 1789-1795.                                                                                                                                                            | 1.2          | 16        |
| 92  | An Ab Initio Study of Substituent Effects on the Excited States of Purine Derivatives. Journal of Physical Chemistry A, 2008, 112, 12485-12491.                                                                                                                                                       | 1.1          | 38        |
| 93  | Conical Intersections in Molecular Systems. Reviews in Computational Chemistry, 2007, , 83-124.                                                                                                                                                                                                       | 1.5          | 47        |
| 94  | Cytosine in Context:  A Theoretical Study of Substituent Effects on the Excitation Energies of 2-Pyrimidinone Derivatives. Journal of Physical Chemistry A, 2007, 111, 8708-8716.                                                                                                                     | 1.1          | 40        |
| 95  | Radiationless Decay Mechanism of Cytosine:  An Ab Initio Study with Comparisons to the Fluorescent<br>Analogue 5-Methyl-2-pyrimidinone. Journal of Physical Chemistry A, 2007, 111, 2650-2661.                                                                                                        | 1.1          | 129       |
| 96  | 6MAP, a Fluorescent Adenine Analogue, Is a Probe of Base Flipping by DNA Photolyase. Journal of<br>Physical Chemistry B, 2007, 111, 10615-10625.                                                                                                                                                      | 1.2          | 22        |
| 97  | Inclusion of second-order correlation effects for the ground and singly-excited states suitable for the study of conical intersections: The CIS(2) model. Chemical Physics Letters, 2007, 448, 132-137.                                                                                               | 1.2          | 27        |
| 98  | Combined Multireference Configuration Interaction/ Molecular Dynamics Approach for Calculating<br>Solvatochromic Shifts:  Application to the nO → ï€* Electronic Transition of Formaldehyde. Journal of<br>Physical Chemistry A, 2006, 110, 12035-12043.                                              | 1.1          | 18        |
| 99  | The Fluorescence Mechanism of 5-Methyl-2-Pyrimidinone: An Ab Initio Study of a Fluorescent<br>Pyrimidine Analog Photochemistry and Photobiology, 2006, 83, 611-24.                                                                                                                                    | 1.3          | 19        |
| 100 | Three-State Conical Intersections in Nucleic Acid Bases. Journal of Physical Chemistry A, 2005, 109, 7538-7545.                                                                                                                                                                                       | 1.1          | 130       |
| 101 | Excited Electronic States of the Cyclic Isomers of O3 and SO2. Journal of Physical Chemistry A, 2005, 109, 11304-11311.                                                                                                                                                                               | 1.1          | 18        |
| 102 | Radiationless Decay of Excited States of Uracil through Conical Intersections. Journal of Physical<br>Chemistry A, 2004, 108, 7584-7590.                                                                                                                                                              | 1.1          | 264       |
| 103 | Quantitative detection of singlet O_2 by cavity-enhanced absorption. Optics Letters, 2004, 29, 1066.                                                                                                                                                                                                  | 1.7          | 36        |
| 104 | Conical Intersections of Three Electronic States Affect the Ground State of Radical Species with<br>Little or No Symmetry:Â Pyrazolyl. Journal of the American Chemical Society, 2003, 125, 12428-12429.                                                                                              | 6.6          | 47        |
| 105 | Beyond Two-State Conical Intersections. Three-State Conical Intersections in Low Symmetry<br>Molecules:  the Allyl Radical. Journal of the American Chemical Society, 2003, 125, 10672-10676.                                                                                                         | 6.6          | 77        |
| 106 | Conical Intersections and the Spin-Orbit Interaction. Advances in Chemical Physics, 2003, , 557-581.                                                                                                                                                                                                  | 0.3          | 8         |
| 107 | Conical intersections and the nonadiabatic reactions H2O+O(3P)↔OH(A 2Σ+)+OH(X 2Î). Journal of Cher<br>Physics, 2002, 117, 3733-3740.                                                                                                                                                                  | nical<br>1.2 | 12        |
| 108 | Spin-orbit coupling and conical intersections in molecules with an odd number of electrons. III. A perturbative determination of the electronic energies, derivative couplings and a rigorous diabatic representation near a conical intersection. Journal of Chemical Physics, 2002, 116, 2825-2835. | 1.2          | 23        |

| #   | Article                                                                                                                                                                                                                                                                                  | IF  | CITATIONS |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Photodissociation of the vinoxy radical through conical, and avoided, intersections. Journal of Chemical Physics, 2002, 117, 7198-7206.                                                                                                                                                  | 1.2 | 23        |
| 110 | Spinâ^'Orbit Coupling and Conical Intersections. IV. A Perturbative Determination of the Electronic<br>Energies, Derivative Couplings, and a Rigorous Diabatic Representation near a Conical Intersection.<br>The General Caseâ€. Journal of Physical Chemistry B, 2002, 106, 8108-8116. | 1.2 | 18        |
| 111 | Accidental conical intersections of three states of the same symmetry. I. Location and relevance.<br>Journal of Chemical Physics, 2002, 117, 6907-6910.                                                                                                                                  | 1.2 | 68        |
| 112 | Intersecting Conical Intersection Seams:  Their Location, Representation, and Effect on Local<br>Topography. Journal of Physical Chemistry A, 2002, 106, 2580-2591.                                                                                                                      | 1.1 | 31        |
| 113 | On the effects of spin-orbit coupling on conical intersection seams in molecules with an odd number of electrons. I. Locating the seam. Journal of Chemical Physics, 2001, 115, 2038-2050.                                                                                               | 1.2 | 28        |
| 114 | Actinyl Ions in Cs2UO2Cl4. Journal of Physical Chemistry A, 2001, 105, 637-645.                                                                                                                                                                                                          | 1.1 | 86        |
| 115 | On the effects of spin–orbit coupling on conical intersection seams in molecules with an odd number<br>of electrons. II. Characterizing the local topography of the seam. Journal of Chemical Physics, 2001,<br>115, 5066-5075.                                                          | 1.2 | 20        |
| 116 | Intensities in the Spectra of Actinyl lons. Journal of Physical Chemistry A, 2000, 104, 11983-11992.                                                                                                                                                                                     | 1.1 | 68        |
| 117 | Electronic Spectrum of the NpO22+ and NpO2+ Ions. Journal of Physical Chemistry A, 2000, 104, 4064-4068.                                                                                                                                                                                 | 1.1 | 87        |
| 118 | Spinâ~'Orbit Splittings in Mg+â~'Neutral Complexes. Journal of Physical Chemistry A, 1998, 102, 1652-1656.                                                                                                                                                                               | 1.1 | 20        |
| 119 | Projected Complex Absorbing Potential Multireference Configuration Interaction Approach for Shape<br>and Feshbach Resonances, Journal of Chemical Theory and Computation, O                                                                                                              | 2.3 | 7         |