

Eric Vauthey

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

294
papers

9,952
citations

55
h-index

81
g-index

316
ext. papers

11,045
ext. citations

5.7
avg, IF

6.5
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 294 | Elucidating the Mechanism of Bimolecular Photoinduced Electron Transfer Reactions.. <i>Journal of Physical Chemistry B</i> , 2022 , | 3.4 | 3 |
| 293 | Watching Excited-State Symmetry Breaking in Multibranch Push-Pull Molecules.. <i>Journal of Physical Chemistry Letters</i> , 2022 , 2064-2071 | 6.4 | 3 |
| 292 | Beyond the Threshold: A Study of Chalcogenophene-Based Two-Photon Initiators.. <i>Chemistry of Materials</i> , 2022 , 34, 3042-3052 | 9.6 | 1 |
| 291 | Flipper Probes for the Community.. <i>Chimia</i> , 2021 , 75, 1004-1011 | 1.3 | 2 |
| 290 | Excited-state Dynamics of Radical Ions in Liquids. <i>Chimia</i> , 2021 , 75, 856-861 | 1.3 | 2 |
| 289 | The excited-state dynamics of the radical anions of cyanoanthracenes.. <i>Physical Chemistry Chemical Physics</i> , 2021 , 24, 568-577 | 3.6 | 3 |
| 288 | Excited-State Symmetry Breaking and the Laporte Rule. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 4067-4071 | 6.4 | 6 |
| 287 | Lifetime Broadening and Impulsive Generation of Vibrational Coherence Triggered by Ultrafast Electron Transfer. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 1052-1057 | 6.4 | 4 |
| 286 | Excited-state symmetry breaking in 9,10-dicyanoanthracene-based quadrupolar molecules: the effect of donor-acceptor branch length. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 15150-15158 | 3.6 | 4 |
| 285 | Porous shape-persistent rylene imine cages with tunable optoelectronic properties and delayed fluorescence. <i>Chemical Science</i> , 2021 , 12, 5275-5285 | 9.4 | 2 |
| 284 | Singlet Fission in a Flexible Bichromophore with Structural and Dynamic Control. <i>Journal of the American Chemical Society</i> , 2021 , 143, 2361-2371 | 16.4 | 7 |
| 283 | Click Chemistry on NiO Photocathode to Postfunctionalize a Diketopyrrolopyrrole Sensitizer by Naphthalene Diimide Electron Acceptor. <i>ACS Applied Energy Materials</i> , 2021 , 4, 2629-2636 | 6.1 | 3 |
| 282 | Intramolecular Charge-Transfer Dynamics in Benzodifuran-Based Triads. <i>Helvetica Chimica Acta</i> , 2021 , 104, e2100099 | 2 | 1 |
| 281 | Molecular Dynamics Simulations of Bimolecular Electron Transfer: the Distance-Dependent Electronic Coupling. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 10527-10537 | 3.4 | 2 |
| 280 | Dye-Sensitized Photoelectrosynthesis Cells for Benzyl Alcohol Oxidation Using a Zinc Porphyrin Sensitizer and TEMPO Catalyst. <i>ACS Catalysis</i> , 2021 , 11, 12075-12086 | 13.1 | 2 |
| 279 | Long-lived triplet charge-separated state in naphthalenediimide based donor-acceptor systems. <i>Chemical Science</i> , 2021 , 12, 4908-4915 | 9.4 | 7 |
| 278 | Probing Liquid Interfaces with Room-Temperature Ionic Liquids Using the Excited-State Dynamics of a Cationic Dye. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 10546-10555 | 3.4 | |

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| 277 | Change of Quadrupole Moment upon Excitation and Symmetry Breaking in Multibranched Donor-Acceptor Dyes. <i>ChemPhysChem</i> , 2020 , 21, 1718-1730 | 3.2 | 13 |
| 276 | Data analysis in transient electronic spectroscopy – An experimentalist's view. <i>International Reviews in Physical Chemistry</i> , 2020 , 39, 135-216 | 7 | 13 |
| 275 | Fluorescent Membrane Tension Probes for Super-Resolution Microscopy: Combining Mechanosensitive Cascade Switching with Dynamic-Covalent Ketone Chemistry. <i>Journal of the American Chemical Society</i> , 2020 , 142, 12034-12038 | 16.4 | 21 |
| 274 | Broadband fluorescence reveals mechanistic differences in excited-state proton transfer to protic and aprotic solvents. <i>Chemical Science</i> , 2020 , 11, 7963-7971 | 9.4 | 4 |
| 273 | Bimolecular photoinduced electron transfer in non-polar solvents beyond the diffusion limit. <i>Journal of Chemical Physics</i> , 2020 , 152, 244501 | 3.9 | 7 |
| 272 | Solvent tuning of photochemistry upon excited-state symmetry breaking. <i>Nature Communications</i> , 2020 , 11, 1925 | 17.4 | 27 |
| 271 | Combining Theory and Experiment for Understanding of Ultrafast Photoinduced Charge-Transfer Processes. <i>Mathematical Physics and Computer Simulation</i> , 2020 , 91-99 | 0.2 | |
| 270 | Chemistry on the electrodes: post-functionalization and stability enhancement of anchored dyes on mesoporous metal oxide photoelectrochemical cells with copper-free Huisgen cycloaddition reaction. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 12633-12640 | 13 | 1 |
| 269 | Modeling Infrared Spectral Dynamics upon Symmetry Breaking of a Photo-Excited Quadrupolar Dye. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 2357-2369 | 3.8 | 10 |
| 268 | Mechanosensitive membrane probes: push-pull papillons. <i>Supramolecular Chemistry</i> , 2020 , 32, 106-111 | 1.8 | 3 |
| 267 | Naphthalenediimides with Cyclic Oligochalcogenides in Their Core. <i>Chemistry - A European Journal</i> , 2020 , 26, 14059-14063 | 4.8 | 4 |
| 266 | Comment on "Theoretical Insights into the Excited State Decays of a Donor-Acceptor Dyad: Is the Twisted and Rehybridized Intramolecular Charge-Transfer State Involved?". <i>Journal of Physical Chemistry B</i> , 2020 , 124, 10578-10581 | 3.4 | 2 |
| 265 | Molecular Dynamics Simulations of Bimolecular Electron Transfer: Testing the Coulomb Term in the Weller Equation. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 9945-9950 | 3.4 | 4 |
| 264 | Universal quenching of common fluorescent probes by water and alcohols. <i>Chemical Science</i> , 2020 , 12, 1352-1362 | 9.4 | 31 |
| 263 | Effect of symmetric and asymmetric substitution on the optoelectronic properties of 9,10-dicyanoanthracene. <i>Molecular Systems Design and Engineering</i> , 2019 , 4, 951-961 | 4.6 | 10 |
| 262 | Ion-Pair Dynamics upon Photoinduced Electron Transfer Monitored by Pump-Pump-Probe Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 3688-3693 | 6.4 | 6 |
| 261 | Structural dynamics of an excited donor-acceptor complex from ultrafast polarized infrared spectroscopy, molecular dynamics simulations, and quantum chemical calculations. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 11797-11809 | 3.6 | 11 |
| 260 | Ground-State Structural Disorder and Excited-State Symmetry Breaking in a Quadrupolar Molecule. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 2944-2948 | 6.4 | 30 |

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| 259 | Towards efficient initiators for two-photon induced polymerization: fine tuning of the donor/acceptor properties. <i>Molecular Systems Design and Engineering</i> , 2019 , 4, 437-448 | 4.6 | 7 |
| 258 | Halogen-Bond Assisted Photoinduced Electron Transfer. <i>Molecules</i> , 2019 , 24, | 4.8 | 3 |
| 257 | Tuning symmetry breaking charge separation in perylene bichromophores by conformational control. <i>Chemical Science</i> , 2019 , 10, 10629-10639 | 9.4 | 26 |
| 256 | Magnetic field effect on ion pair dynamics upon bimolecular photoinduced electron transfer in solution. <i>Journal of Chemical Physics</i> , 2019 , 150, 024501 | 3.9 | 8 |
| 255 | More than a Solvent: Donor-Acceptor Complexes of Ionic Liquids and Electron Acceptors. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 2646-2654 | 3.4 | 7 |
| 254 | Detecting order and lateral pressure at biomimetic interfaces using a mechanosensitive second-harmonic-generation probe. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 9328-9336 | 3.6 | 7 |
| 253 | Influence of the hydrogen-bond interactions on the excited-state dynamics of a push-pull azobenzene dye: the case of Methyl Orange. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 7254-7264 | 3.6 | 18 |
| 252 | Membrane bound COMT isoform is an interfacial enzyme: general mechanism and new drug design paradigm. <i>Chemical Communications</i> , 2018 , 54, 3440-3443 | 5.8 | 16 |
| 251 | Excimer-Based On-Off Bis(pyreneamide) Macrocyclic Chemosensors. <i>Helvetica Chimica Acta</i> , 2018 , 101, e1700265 | 2 | 12 |
| 250 | Ultrafast excited state decay of natural UV filters: from intermolecular hydrogen bonds to a conical intersection. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 15074-15085 | 3.6 | 2 |
| 249 | Synergistic Anion- π -Catalysis on π -Stacked Foldamers. <i>Journal of the American Chemical Society</i> , 2018 , 140, 4884-4892 | 16.4 | 55 |
| 248 | Photolabile coumarins with improved efficiency through azetidiny substitution. <i>Chemical Science</i> , 2018 , 9, 387-391 | 9.4 | 32 |
| 247 | White-Fluorescent Dual-Emission Mechanosensitive Membrane Probes that Function by Bending Rather than Twisting. <i>Angewandte Chemie</i> , 2018 , 130, 10719-10723 | 3.6 | 18 |
| 246 | Highly Stable and Red-Emitting Nanovesicles Incorporating Lipophilic Diketopyrrolopyrroles for Cell Imaging. <i>Chemistry - A European Journal</i> , 2018 , 24, 11386-11392 | 4.8 | 11 |
| 245 | Excited-State Dynamics of Organic Dyes at Liquid/Liquid Interfaces 2018 , 376-382 | | |
| 244 | Energy transfer and charge separation dynamics in photoexcited pyrene-bodipy molecular dyads. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 837-849 | 3.6 | 14 |
| 243 | Excited-state dynamics of a molecular dyad with two orthogonally-oriented fluorophores. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 30219-30230 | 3.6 | 6 |
| 242 | Machine Learning for Analysis of Time-Resolved Luminescence Data. <i>ACS Photonics</i> , 2018 , 5, 4888-4895 | 6.3 | 16 |

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| 241 | Transient Glass Formation around a Quadrupolar Photoexcited Dye in a Strongly H-Bonding Liquid Observed by Transient 2D-IR Spectroscopy. <i>Angewandte Chemie</i> , 2018 , 130, 17260-17264 | 3.6 | |
| 240 | Salt Effect in Ion-Pair Dynamics after Bimolecular Photoinduced Electron Transfer in a Room-Temperature Ionic Liquid. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 7015-7020 | 6.4 | 7 |
| 239 | Wavelength-optimized Two-Photon Polymerization Using Initiators Based on Multipolar Aminostyryl-1,3,5-triazines. <i>Scientific Reports</i> , 2018 , 8, 17273 | 4.9 | 23 |
| 238 | Optical transient absorption experiments reveal the failure of formal kinetics in diffusion assisted electron transfer reactions. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 25531-25546 | 3.6 | 18 |
| 237 | Transient Glass Formation around a Quadrupolar Photoexcited Dye in a Strongly H-Bonding Liquid Observed by Transient 2D-IR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 17014-17018 | 16.4 | 10 |
| 236 | Cyclopeptidic photosensitizer prodrugs as proteolytically triggered drug delivery systems of pheophorbide A: part II - co-loading of pheophorbide A and black hole quencher. <i>Photochemical and Photobiological Sciences</i> , 2018 , 17, 1739-1748 | 4.2 | 1 |
| 235 | Cyclopeptidic photosensitizer prodrugs as proteolytically triggered drug delivery systems of pheophorbide A: part I - self-quenched prodrugs. <i>Photochemical and Photobiological Sciences</i> , 2018 , 17, 1728-1738 | 4.2 | 5 |
| 234 | White-Fluorescent Dual-Emission Mechanosensitive Membrane Probes that Function by Bending Rather than Twisting. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10559-10563 | 16.4 | 47 |
| 233 | Looking at Photoinduced Charge Transfer Processes in the IR: Answers to Several Long-Standing Questions. <i>Accounts of Chemical Research</i> , 2017 , 50, 426-434 | 24.3 | 73 |
| 232 | Probe dependence on polar solvation dynamics from fs broadband fluorescence. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 8815-8825 | 3.6 | 22 |
| 231 | Direct local solvent probing by transient infrared spectroscopy reveals the mechanism of hydrogen-bond induced nonradiative deactivation. <i>Chemical Science</i> , 2017 , 8, 5057-5066 | 9.4 | 41 |
| 230 | A simple model of solvent-induced symmetry-breaking charge transfer in excited quadrupolar molecules. <i>Journal of Chemical Physics</i> , 2017 , 146, 164306 | 3.9 | 39 |
| 229 | Exploring Fluorescent Dyes at Biomimetic Interfaces with Second Harmonic Generation and Molecular Dynamics. <i>Langmuir</i> , 2017 , 33, 3373-3383 | 4 | 7 |
| 228 | Simulations of the Ultrafast Transient Absorption Dynamics of a Donor-Acceptor Biaryl in Solution. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 471-481 | 2.8 | 13 |
| 227 | A biocompatible macromolecular two-photon initiator based on hyaluronan. <i>Polymer Chemistry</i> , 2017 , 8, 451-460 | 4.9 | 42 |
| 226 | Ultrafast Elementary Photochemical Processes of Organic Molecules in Liquid Solution. <i>Chemical Reviews</i> , 2017 , 117, 10826-10939 | 68.1 | 235 |
| 225 | Direct Observation of a Photochemical Alkyne-Allene Reaction and of a Twisted and Rehybridized Intramolecular Charge-Transfer State in a Donor-Acceptor Dyad. <i>Journal of the American Chemical Society</i> , 2017 , 139, 16885-16893 | 16.4 | 28 |
| 224 | Influence of Solvent Relaxation on Ultrafast Excited-State Proton Transfer to Solvent. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 4516-4521 | 6.4 | 15 |

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| 223 | Solute-Solvent Interactions and Excited-State Symmetry Breaking: Beyond the Dipole-Dipole and the Hydrogen-Bond Interactions. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 3927-3932 | 6.4 | 60 |
| 222 | Excited-State Symmetry Breaking in a Quadrupolar Molecule Visualized in Time and Space. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 6029-6034 | 6.4 | 61 |
| 221 | Specific Monitoring of Excited-State Symmetry Breaking by Femtosecond Broadband Fluorescence Upconversion Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 5878-5883 | 6.4 | 49 |
| 220 | Ultrafast transient IR spectroscopy and DFT calculations of ruthenium(ii) polypyridyl complexes. <i>Chemical Science</i> , 2017 , 8, 223-230 | 9.4 | 40 |
| 219 | Comment on "Observation of the Marcus Inverted Region for Bimolecular Photoinduced Electron-Transfer Reactions in Viscous Media". <i>Journal of Physical Chemistry B</i> , 2016 , 120, 9800-3 | 3.4 | 5 |
| 218 | Physicochemical and Electronic Properties of Cationic [6]Helicenes: from Chemical and Electrochemical Stabilities to Far-Red (Polarized) Luminescence. <i>Chemistry - A European Journal</i> , 2016 , 22, 18394-18403 | 4.8 | 44 |
| 217 | Physicochemical and Electronic Properties of Cationic [6]Helicenes: from Chemical and Electrochemical Stabilities to Far-Red (Polarized) Luminescence. <i>Chemistry - A European Journal</i> , 2016 , 22, 18273-18273 | 4.8 | |
| 216 | Symmetry-Breaking Charge Transfer and Hydrogen Bonding: Toward Asymmetrical Photochemistry. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 15624-15628 | 16.4 | 81 |
| 215 | Symmetry-Breaking Charge Transfer and Hydrogen Bonding: Toward Asymmetrical Photochemistry. <i>Angewandte Chemie</i> , 2016 , 128, 15853-15857 | 3.6 | 19 |
| 214 | Characterization of dimethylsulfoxide/glycerol mixtures: a binary solvent system for the study of "friction-dependent" chemical reactivity. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 18460-9 | 3.6 | 23 |
| 213 | Cooperative enhancement versus additivity of two-photon-absorption cross sections in linear and branched squaraine superchromophores. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 16404-13 | 3.6 | 36 |
| 212 | Selective Imaging of Late Endosomes with a pH-Sensitive Diazoatriangulene Fluorescent Probe. <i>Journal of the American Chemical Society</i> , 2016 , 138, 1752-5 | 16.4 | 60 |
| 211 | Direct Visualization of Excited-State Symmetry Breaking Using Ultrafast Time-Resolved Infrared Spectroscopy. <i>Journal of the American Chemical Society</i> , 2016 , 138, 4643-9 | 16.4 | 126 |
| 210 | Photoinduced Electron Transfer in an Anthraquinone-[Ru(bpy) ₃](2+)-Oligotriarylamine-[Ru(bpy) ₃](2+)-Anthraquinone Pentad. <i>Inorganic Chemistry</i> , 2016 , 55, 2894-9 | 5.1 | 16 |
| 209 | Fluorescent DNA probes at liquid/liquid interfaces studied by surface second harmonic generation. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 2981-92 | 3.6 | 14 |
| 208 | Functionalized cationic [4]helicenes with unique tuning of absorption, fluorescence and chiroptical properties up to the far-red range. <i>Chemical Science</i> , 2016 , 7, 4685-4693 | 9.4 | 71 |
| 207 | Tetramethoxybenzene is a Good Building Block for Molecular Wires: Insights from Photoinduced Electron Transfer. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 5676-84 | 2.8 | 11 |
| 206 | Excited state interactions between the chiral Au ₃₈ L ₂₄ cluster and covalently attached porphyrin. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 14788-95 | 3.6 | 10 |

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| 205 | Electron-deficient fullerenes in triple-channel photosystems. <i>Chemical Communications</i> , 2015 , 51, 7543-5.8 | 6 |
| 204 | Bimodal Exciplex Formation in Bimolecular Photoinduced Electron Transfer Revealed by Ultrafast Time-Resolved Infrared Absorption. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 11846-57 | 3.4 43 |
| 203 | Ultrafast excited-state dynamics at interfaces: fluorescent DNA probes at the dodecane/water interface 2015 , | 1 |
| 202 | Ion Pair-Interactions. <i>Journal of the American Chemical Society</i> , 2015 , 137, 11047-56 | 16.4 46 |
| 201 | Electron, Hole, Singlet, and Triplet Energy Transfer in Photoexcited Porphyrin-Naphthalenediimide Dyads. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 7308-20 | 3.4 20 |
| 200 | On the role of ligand-field states for the photophysical properties of ruthenium(II) polypyridyl complexes. <i>Coordination Chemistry Reviews</i> , 2015 , 282-283, 87-99 | 23.2 97 |
| 199 | Substituent and solvent effects on the excited state deactivation channels in anils and boranils. <i>Chemistry - A European Journal</i> , 2015 , 21, 1312-27 | 4.8 41 |
| 198 | Excited-state dynamics of 3-hydroxyflavone anion in alcohols. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 2434-43 | 3.4 25 |
| 197 | Ultrafast Intersystem-Crossing Dynamics and Breakdown of the Kasha-Vavilov's Rule of Naphthalenediimides. <i>Journal of Physical Chemistry Letters</i> , 2015 , 6, 2096-100 | 6.4 52 |
| 196 | Comparison of Charge-Transfer Dynamics of Naphthalenediimide Triads in Solution and π Stack Architectures on Solid Surfaces. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 14999-15008 | 3.8 15 |
| 195 | Turn-On Sulfide Donors: An Ultrafast Push for Twisted Mechanophores. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15644-7 | 16.4 31 |
| 194 | Fluorescent flippers for mechanosensitive membrane probes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 568-71 | 16.4 119 |
| 193 | Bimolecular photoinduced electron transfer beyond the diffusion limit: the Rehm-Weller experiment revisited with femtosecond time resolution. <i>Journal of the American Chemical Society</i> , 2014 , 136, 2026-32 | 16.4 75 |
| 192 | Bimolecular photoinduced electron transfer reactions in liquids under the gaze of ultrafast spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 25741-54 | 3.6 32 |
| 191 | Excitation wavelength dependence of the charge separation pathways in tetraporphyrin-naphthalene diimide pentads. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 5188-200 | 3.6 28 |
| 190 | Excited State and Injection Dynamics of Triphenylamine Sensitizers Containing a Benzothiazole Electron-Accepting Group on TiO ₂ and Al ₂ O ₃ Thin Films. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 28509-28519 | 3.8 33 |
| 189 | Complementary surface second harmonic generation and molecular dynamics investigation of the orientation of organic dyes at a liquid/liquid interface. <i>Langmuir</i> , 2014 , 30, 13869-76 | 4 10 |
| 188 | Direct coupling of carbenium ions with indoles and anilines for the synthesis of cationic π conjugated dyes. <i>Chemical Communications</i> , 2014 , 50, 12169-72 | 5.8 16 |

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| 187 | Excitation Wavelength Dependence of the Dynamics of Bimolecular Photoinduced Electron Transfer Reactions. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 1685-90 | 6.4 | 21 |
| 186 | Excited-state dynamics of an environment-sensitive push-pull diketopyrrolopyrrole: major differences between the bulk solution phase and the dodecane/water interface. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 9952-63 | 3.4 | 33 |
| 185 | Modular Synthesis of pH-Sensitive Fluorescent Diaza[4]helicenes. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 6431-6438 | 3.2 | 20 |
| 184 | Exciplex formation in bimolecular photoinduced electron-transfer investigated by ultrafast time-resolved infrared spectroscopy. <i>Journal of the American Chemical Society</i> , 2014 , 136, 4066-74 | 16.4 | 55 |
| 183 | Excited-state dynamics of rhodamine 6G in aqueous solution and at the dodecane/water interface. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 5184-93 | 3.4 | 22 |
| 182 | Experimental evidence of the relevance of orientational correlations in photoinduced bimolecular reactions in solution. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 8814-25 | 2.8 | 14 |
| 181 | Acylgermanes: photoinitiators and sources for Ge-centered radicals. insights into their reactivity. <i>Journal of the American Chemical Society</i> , 2013 , 135, 17314-21 | 16.4 | 83 |
| 180 | Ultrafast excited-state dynamics of donor-acceptor biaryls: comparison between pyridinium and pyrylium phenolates. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 13112-26 | 2.8 | 31 |
| 179 | Experimental evidence of ultrafast quenching of the 3MLCT luminescence in ruthenium(II) tris-bipyridyl complexes via a 3dd state. <i>Journal of the American Chemical Society</i> , 2013 , 135, 13660-3 | 16.4 | 105 |
| 178 | Molecular dynamics simulations of liquid phase interfaces: understanding the structure of the glycerol/water-dodecane system. <i>Langmuir</i> , 2013 , 29, 11898-907 | 4 | 18 |
| 177 | Broadband ultraviolet-visible transient absorption spectroscopy in the nanosecond to microsecond time domain with sub-nanosecond time resolution. <i>Review of Scientific Instruments</i> , 2013 , 84, 073107 | 1.7 | 36 |
| 176 | A donor-acceptor tetrathiafulvalene ligand complexed to iron(II): synthesis, electrochemistry, and spectroscopy of [Fe(phen) ₂ (TTF-dppz)](PF ₆) ₂ . <i>Inorganic Chemistry</i> , 2013 , 52, 306-12 | 5.1 | 18 |
| 175 | A Straightforward Synthesis and Structure-Activity Relationship of Highly Efficient Initiators for Two-Photon Polymerization. <i>Macromolecules</i> , 2013 , 46, 352-361 | 5.5 | 129 |
| 174 | Excited-state dynamics of porphyrin-naphthalenediimide-porphyrin triads. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 1177-87 | 3.6 | 39 |
| 173 | Photochemistry of aqueous solutions of kynurenic acid and kynurenine yellow. <i>Photochemical and Photobiological Sciences</i> , 2013 , 12, 546-58 | 4.2 | 25 |
| 172 | SiPM time resolution: From single photon to saturation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 718, 569-572 ^{1,2} | 1.2 | 28 |
| 171 | A comparison of sensitized Ln(III) emission using pyridine- and pyrazine-2,6-dicarboxylates--part II. <i>Dalton Transactions</i> , 2013 , 42, 2075-83 | 4.3 | 19 |
| 170 | Ultrafast photochemistry in liquids. <i>Annual Review of Physical Chemistry</i> , 2013 , 64, 247-71 | 15.7 | 131 |

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| 169 | Real-time observation of the formation of excited radical ions in bimolecular photoinduced charge separation: absence of the Marcus inverted region explained. <i>Journal of the American Chemical Society</i> , 2013 , 135, 9843-8 | 16.4 | 55 |
| 168 | Ultrafast long-distance excitation energy transport in donor-bridge-acceptor systems. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 918-28 | 2.8 | 18 |
| 167 | Time-resolved magnetic field effects distinguish loose ion pairs from exciplexes. <i>Journal of the American Chemical Society</i> , 2013 , 135, 15144-52 | 16.4 | 44 |
| 166 | Excited-state dynamics of charged dyes at alkane/water interfaces in the presence of salts and ionic surfactants. <i>Langmuir</i> , 2013 , 29, 14865-72 | 4 | 10 |
| 165 | Comments on the article 'Direct conflict of Marcus theory with the law of conservation of energy' by X.-Q. Zhu and J.-D. Yang. <i>Journal of Physical Organic Chemistry</i> , 2013 , 26, 523-523 | 2.1 | |
| 164 | Chiral selectivity in the binding of [4]helicene derivatives to double-stranded DNA. <i>Chemistry - A European Journal</i> , 2013 , 19, 7173-80 | 4.8 | 34 |
| 163 | Model-free Investigation of Ultrafast Bimolecular Chemical Reactions: Bimolecular Photo Induced Electron Transfer. <i>EPJ Web of Conferences</i> , 2013 , 41, 05041 | 0.3 | |
| 162 | Photophysics of the galvinoxyl free radical revisited. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 6352-36 | 2.8 | 22 |
| 161 | Driving force dependence of charge recombination in reactive and nonreactive solvents. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 9473-83 | 2.8 | 17 |
| 160 | Excited-state dynamics of Wurster's salts. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 7516-22 | 2.8 | 27 |
| 159 | Ultrafast Photoinduced Dynamics at Air/Liquid and Liquid/Liquid Interfaces. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 1635-42 | 6.4 | 14 |
| 158 | Excited-state properties of chiral [4]helicene cations. <i>Photochemical and Photobiological Sciences</i> , 2012 , 11, 623-31 | 4.2 | 37 |
| 157 | Tautomerization in 2,7,12,17-tetraphenylporphycene and 9-amino-2,7,12,17-tetraphenylporphycene: influence of asymmetry on the direction of the transition moment. <i>Chemistry - A European Journal</i> , 2012 , 18, 13160-7 | 4.8 | 22 |
| 156 | A spectroscopic and computational study of a photoinduced cross-dehydrogenative coupling reaction of a stable semiquinone radical. <i>Chemistry - A European Journal</i> , 2012 , 18, 13605-8 | 4.8 | 3 |
| 155 | Bimolecular photoinduced electron transfer in imidazolium-based room-temperature ionic liquids is not faster than in conventional solvents. <i>Journal of the American Chemical Society</i> , 2012 , 134, 3729-36 | 16.4 | 64 |
| 154 | Spurious observation of the Marcus inverted region in bimolecular photoinduced electron transfer. <i>Journal of the American Chemical Society</i> , 2012 , 134, 11396-9 | 16.4 | 44 |
| 153 | Photoinduced symmetry-breaking charge separation. <i>ChemPhysChem</i> , 2012 , 13, 2001-11 | 3.2 | 122 |
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| 3 | Comparison of photoinduced electron transfer reactions of aromatic carbonyl vs. cyano compounds with electron donors in condensed phase:the importance. <i>Tetrahedron</i> , 1988 , 44, 7335-7344 | 2.4 | 56 |
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| 1 | Photoinduced Electron-Transfer Reactions of Perylene in Acetonitrile. <i>Helvetica Chimica Acta</i> , 1986 , 69, 430-437 | 2 | 21 |