

Cornelia Bohne

List of Publications by Year in descending order

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papers

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169
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times ranked

4024
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Guest Binding Dynamics with Cucurbit[7]uril in the Presence of Cations. Journal of the American Chemical Society, 2011, 133, 20623-20633. | 13.7 | 179 |
| 2 | Effect of cyclodextrin complexation on the photochemistry of xanthone. Absolute measurement of the kinetics for triplet-state exit. Journal of the American Chemical Society, 1990, 112, 8075-8079. | 13.7 | 173 |
| 3 | Alcohol Effect on Equilibrium Constants and Dissociation Dynamics of Xanthone~Cyclodextrin Complexes. The Journal of Physical Chemistry, 1996, 100, 734-743. | 2.9 | 117 |
| 4 | Highly Enantiomeric Supramolecular [4 + 4] Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Human Serum Albumin. Journal of the American Chemical Society, 2007, 129, 3478-3479. | 13.7 | 114 |
| 5 | Dynamics of Micro- and Macrophase Separation of Amphiphilic Block-Copolymers in Aqueous Solution. Macromolecules, 1999, 32, 5539-5551. | 4.8 | 113 |
| 6 | On the Size Distribution of Self-Associated Asphaltenes. Energy & Fuels, 2013, 27, 5083-5106. | 5.1 | 98 |
| 7 | Micellization Dynamics and Impurity Solubilization of the Block-Copolymer L64 in an Aqueous Solution. Langmuir, 1999, 15, 322-325. | 3.5 | 97 |
| 8 | Supramolecular dynamics. Chemical Society Reviews, 2014, 43, 4037-4050. | 38.1 | 96 |
| 9 | Studies on the Mechanism of the Photo-Induced DNA Damage in the Presence of Acridizinium Salts Involvement of Singlet Oxygen and an Unusual Source for Hydroxyl Radicals. Journal of the American Chemical Society, 2005, 127, 76-85. | 13.7 | 83 |
| 10 | Complexation of Naphthylethanols with β -Cyclodextrin. Journal of Physical Chemistry A, 1998, 102, 5639-5651. | 2.5 | 81 |
| 11 | Mechanistic Insights into the Photochromism of trans-10b,10c-Dimethyl-10b,10c-dihydropyrene Derivatives. Journal of the American Chemical Society, 2002, 124, 4693-4700. | 13.7 | 76 |
| 12 | Peroxidase-catalyzed formation of triplet acetone and chemiluminescence from isobutyraldehyde and molecular oxygen.. Journal of Biological Chemistry, 1985, 260, 10217-10225. | 3.4 | 73 |
| 13 | Characterization of the triplet-triplet annihilation process of pyrene and several derivatives under laser excitation. Journal of the American Chemical Society, 1990, 112, 4226-4231. | 13.7 | 72 |
| 14 | Supramolecular Photochirogenesis with Biomolecules. Mechanistic Studies on the Enantiodifferentiation for the Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Bovine Serum Albumin. Journal of Organic Chemistry, 2007, 72, 2707-2715. | 3.2 | 70 |
| 15 | Laser photolysis studies of photochromic processes in spirooxazines: solvent effects on photomerocyanine behavior. Journal of Photochemistry and Photobiology A: Chemistry, 1992, 66, 79-90. | 3.9 | 69 |
| 16 | Dynamics of a Supramolecular Capsule Assembly with Pyrene. Journal of the American Chemical Society, 2012, 134, 5544-5547. | 13.7 | 67 |
| 17 | Dynamics of Probe Complexation to Bile Salt Aggregates. The Journal of Physical Chemistry, 1996, 100, 3847-3854. | 2.9 | 65 |
| 18 | Explaining the Highly Enantiomeric Photocyclodimerization of 2-Anthracenecarboxylate Bound to Human Serum Albumin Using Time-Resolved Anisotropy Studies. Journal of the American Chemical Society, 2013, 135, 203-209. | 13.7 | 62 |

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | N-Acylureido Functionality as Acceptor Substituent in Solvatochromic Fluorescence Probes:Â Detection of Carboxylic Acids, Alcohols, and Fluoride Ions. <i>Journal of the American Chemical Society</i> , 2005, 127, 17158-17159. | 13.7 | 59 |
| 20 | Dynamics for the Assembly of Pyreneâˆ† ³ -Cyclodextrin Hostâˆ† ³ Guest Complexes. <i>Journal of Physical Chemistry B</i> , 2003, 107, 11652-11659. | 2.6 | 53 |
| 21 | Peroxidase-catalyzed formation of triplet acetone and chemiluminescence from isobutyraldehyde and molecular oxygen. <i>Journal of Biological Chemistry</i> , 1985, 260, 10217-25. | 3.4 | 51 |
| 22 | Calculation Driven Synthesis of an Excellent Dihydropyrene Negative Photochrome and its Photochemical Properties. <i>Journal of the American Chemical Society</i> , 2011, 133, 4040-4045. | 13.7 | 50 |
| 23 | Chlorophyll: An efficient detector of electronically excited species in biochemical systems. <i>Analytical Biochemistry</i> , 1986, 155, 1-9. | 2.4 | 49 |
| 24 | Supramolecular Dynamics Studied Using Photophysics. <i>Langmuir</i> , 2006, 22, 9100-9111. | 3.5 | 49 |
| 25 | Ligand-Interaction Kinetics of the Pheromone- Binding Protein from the Gypsy Moth, <i>L. dispar</i> : Insights into the Mechanism of Binding and Release. <i>Chemistry and Biology</i> , 2009, 16, 162-172. | 6.0 | 49 |
| 26 | New Insights into Peptideâˆ† ³ Silver Nanoparticle Interaction: Deciphering the Role of Cysteine and Lysine in the Peptide Sequence. <i>Langmuir</i> , 2016, 32, 265-273. | 3.5 | 49 |
| 27 | Complexation of Fluorenone and Xanthone to Cyclodextrins:â€‰ Comparison of Theoretical and Experimental Studies. <i>Journal of Physical Chemistry A</i> , 1999, 103, 137-146. | 2.5 | 48 |
| 28 | Reversible Molecular Switching of Ruthenium Bis(bipyridyl) Groups Bonded to Oligothiophenes:Â Effect on Electrochemical and Spectroscopic Properties. <i>Journal of the American Chemical Society</i> , 2005, 127, 6382-6393. | 13.7 | 48 |
| 29 | Multistate π Switches:Â Synthesis and Photochemistry of a Molecule Containing Three Switchable Annelated Dihydropyrene Units. <i>Journal of Organic Chemistry</i> , 2006, 71, 327-336. | 3.2 | 47 |
| 30 | Supramolecular Complexation and Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylic Acid with 4-Aminoprolinol Derivatives as Chiral Hydrogen-Bonding Templates. <i>Journal of Organic Chemistry</i> , 2009, 74, 7908-7921. | 3.2 | 46 |
| 31 | Intramolecular H-Atom Abstraction in $\hat{1}^3$ -Azido-Butyrophenones: Formation of 1,5 Ketyl Iminyl Radicals. <i>Organic Letters</i> , 2009, 11, 2345-2348. | 4.6 | 44 |
| 32 | Determination of the lifetime of the second excited triplet state of anthracenes. <i>The Journal of Physical Chemistry</i> , 1991, 95, 10300-10306. | 2.9 | 43 |
| 33 | Complexation Dynamics of Xanthone and Thioxanthone to $\hat{1}^2$ -Cyclodextrin Derivatives. <i>Journal of Physical Chemistry B</i> , 2001, 105, 2122-2128. | 2.6 | 43 |
| 34 | Effect of the Guest Size and Shape on Its Binding Dynamics with Sodium Cholate Aggregates. <i>Langmuir</i> , 2008, 24, 8491-8500. | 3.5 | 43 |
| 35 | Chiral discrimination in the fluorescence quenching of pyrene complexed to $\hat{1}^2$ -cyclodextrin. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1995, 86, 209-217. | 3.9 | 42 |
| 36 | Probing Bile Salt Aggregates by Fluorescence Quenching. <i>Photochemistry and Photobiology</i> , 1996, 63, 60-67. | 2.5 | 42 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | Effect of Amino Acid Coinclusion on the Complexation of Pyrene with β -Cyclodextrin. The Journal of Physical Chemistry, 1996, 100, 14533-14539. | 2.9 | 42 |
| 38 | Probing the binding dynamics to sodium cholate aggregates using naphthalene derivatives as guests. Photochemical and Photobiological Sciences, 2003, 2, 1140-1151. | 2.9 | 41 |
| 39 | High-contrast fluorescence switching using a photoresponsive dithienylethene coordination compound. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 200, 74-82. | 3.9 | 41 |
| 40 | Photophysical Studies on the Supramolecular Photochirogenesis for the Photocyclodimerization of 2-Anthracenecarboxylate within Human Serum Albumin. Journal of Physical Chemistry B, 2009, 113, 10445-10453. | 2.6 | 40 |
| 41 | Photoenolization of 2-(2-Methyl Benzoyl) Benzoic Acid, Methyl Ester: Effect of E Photoenol Lifetime on the Photochemistry. Journal of Organic Chemistry, 2005, 70, 2763-2770. | 3.2 | 39 |
| 42 | Characterization of the photochromism of dihydropyrenes with photophysical techniques. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2011, 12, 126-137. | 11.6 | 39 |
| 43 | Effect of excitation on the host-guest equilibrium constants of cyclodextrin complexes. Journal of the Chemical Society Chemical Communications, 1995, , 199-200. | 2.0 | 38 |
| 44 | Organic/inorganic hybrid pigments from flavylum cations and palygorskite. Applied Clay Science, 2018, 162, 478-486. | 5.2 | 38 |
| 45 | Mechanistic studies on the photochromism of [e]-annelated dimethyldihydropyrenes. Photochemical and Photobiological Sciences, 2003, 2, 104-112. | 2.9 | 37 |
| 46 | Photochemical behavior of biosupramolecular assemblies of photosensitizers, cucurbit[n]urils and albumins. Physical Chemistry Chemical Physics, 2017, 19, 2574-2582. | 2.8 | 37 |
| 47 | Photophysical characterization of fluorenone derivatives. Journal of Photochemistry and Photobiology A: Chemistry, 1997, 110, 123-129. | 3.9 | 36 |
| 48 | Effect of the Structure of Bile Salt Aggregates on the Binding of Aromatic Guests and the Accessibility of Anions. Langmuir, 2009, 25, 13800-13808. | 3.5 | 36 |
| 49 | Photophysical and Theoretical Studies on the Stereoselective Complexation of Naphthylethanols with β -Cyclodextrin. Langmuir, 2000, 16, 8780-8788. | 3.5 | 32 |
| 50 | Photolysis of (3-Methyl-2-azirin-2-yl)-phenylmethanone: Direct Detection of a Triplet Vinylnitrene Intermediate. Journal of Organic Chemistry, 2011, 76, 9934-9945. | 3.2 | 32 |
| 51 | STUDY OF XANTHONE-CYCLODEXTRIN INCLUSION COMPLEXES IN THE SOLID STATE USING TIME-RESOLVED DIFFUSE REFLECTANCE-LASER FLASH PHOTOLYSIS. Photochemistry and Photobiology, 1991, 54, 1-5. | 2.5 | 31 |
| 52 | Carbocation formation via carbene protonation studied by the technique of stopped-flow laser-flash photolysis. Journal of the American Chemical Society, 1993, 115, 2200-2205. | 13.7 | 31 |
| 53 | Dynamics of complexation of flavone and chromone to β -cyclodextrin. Journal of Photochemistry and Photobiology A: Chemistry, 2000, 134, 169-176. | 3.9 | 31 |
| 54 | Aggregation Behavior of Pegylated Bile Acid Derivatives. Langmuir, 2012, 28, 13431-13440. | 3.5 | 31 |

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| 55 | The Effect of Addition of Fluorescent Moieties to Dihydropyrenes: Enhancing Photochromicity and Fluorescence Monitoring. <i>Journal of Organic Chemistry</i> , 2007, 72, 7939-7946. | 3.2 | 30 |
| 56 | Binding Conformation and Kinetics of Two Pheromone-Binding Proteins from the Gypsy Moth <i>Lymantria dispar</i> with Biological and Nonbiological Ligands. <i>Biochemistry</i> , 2010, 49, 793-801. | 2.5 | 30 |
| 57 | Determination of the kinetics underlying the pKa shift for the 2-aminoanthracenium cation binding with cucurbit[7]uril. <i>Faraday Discussions</i> , 2015, 185, 381-398. | 3.2 | 30 |
| 58 | Noninnocent Role of Na ⁺ Ions in the Binding of the N-Phenyl-2-naphthylammonium Cation as a Ditopic Guest with Cucurbit[7]uril. <i>Journal of the American Chemical Society</i> , 2019, 141, 9645-9654. | 13.7 | 30 |
| 59 | Exploratory studies of the photochemistry of N-hydroxypyridine-2-thione esters. Generation of excited radicals by laser flash photolysis and in a conventional fluorescence spectrometer. <i>Journal of Organic Chemistry</i> , 1990, 55, 5414-5418. | 3.2 | 29 |
| 60 | Time-resolved fluorescence anisotropy as a tool to study guest-cucurbit[n]uril-protein ternary supramolecular interactions. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 842-852. | 2.9 | 29 |
| 61 | Modulation of Lifetimes and Diastereomeric Discrimination in Triplet-Excited Substituted Butane-1,4-diones through Intramolecular Charge-Transfer Quenching. <i>Journal of the American Chemical Society</i> , 1999, 121, 3093-3103. | 13.7 | 27 |
| 62 | Modulation with Acetonitrile of the Dynamics of Guest Binding to the Two Distinct Binding Sites of Cholate Aggregates. <i>Langmuir</i> , 2004, 20, 9983-9991. | 3.5 | 27 |
| 63 | Aqueous solubilization of photochromic compounds by bile salt aggregates. <i>Chemical Communications</i> , 2010, 46, 1941-1943. | 4.1 | 27 |
| 64 | Photodeamination Reaction Mechanism in Aminomethyl <i>p</i> -Cresol Derivatives: Different Reactivity of Amines and Ammonium Salts. <i>Journal of Organic Chemistry</i> , 2015, 80, 10817-10828. | 3.2 | 27 |
| 65 | Cucurbit[7]uril inclusion complexation as a supramolecular strategy for color stabilization of anthocyanin model compounds. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 752-757. | 2.9 | 27 |
| 66 | Paper acidity estimation: Application of pH-dependent fluorescence probes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1998, 113, 189-195. | 3.9 | 26 |
| 67 | Photochromic processes in spiro(1,3,3-trimethylindolo-2,2'-naphth[1,2-b]-1,4-oxazine) studied using two-laser two-colour techniques. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, . | 2.0 | 25 |
| 68 | Reactivity of Benzophenones in the Different Binding Sites of Sodium Cholate Aggregates. <i>Langmuir</i> , 2001, 17, 5781-5790. | 3.5 | 24 |
| 69 | Influence of Planarity and Size on Guest Binding with Sodium Cholate Aggregates. <i>Photochemistry and Photobiology</i> , 2006, 82, 1030. | 2.5 | 24 |
| 70 | Time-Resolved Diffuse Reflectance Studies of <i>o</i> -Phenyl Ketones in the Solid State: Conformational and Chiral Control of Triplet Lifetimes. <i>Journal of Organic Chemistry</i> , 1996, 61, 1423-1428. | 3.2 | 23 |
| 71 | Reporting the Release of Caged Species by a Combination of Two Sequential Photoreactions, a Molecular Switch, and One Color of Light. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2741-2744. | 13.8 | 23 |
| 72 | Excited triplet states as probes in organized systems. An overview of recent results. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1992, 65, 249-265. | 3.9 | 22 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 73 | Aggregation Dynamics of Sodium Taurodeoxycholate and Sodium Deoxycholate. <i>Langmuir</i> , 2000, 16, 2038-2041. | 3.5 | 22 |
| 74 | Labeling of Proteins by BODIPY-Quinone Methides Utilizing Anti-Kasha Photochemistry. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 347-351. | 8.0 | 22 |
| 75 | Example of diffusion-limited behavior in the reaction of a geminate radical pair in micelles. <i>Journal of the American Chemical Society</i> , 1991, 113, 1444-1445. | 13.7 | 21 |
| 76 | Quenching Studies of Hydrophobically-Modified Poly(N-isopropylacrylamides). <i>Langmuir</i> , 1997, 13, 6089-6094. | 3.5 | 21 |
| 77 | Pyrene binding to persistent micelles formed from a dendro-calixarene. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 525. | 2.9 | 21 |
| 78 | Effect of Alkyl Substituents on Photorelease from Butyrophenone Derivatives. <i>Journal of Organic Chemistry</i> , 2010, 75, 1393-1401. | 3.2 | 21 |
| 79 | Bio-supramolecular photochirogenesis with molecular chaperone: enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylate mediated by prefoldin. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 655-660. | 2.9 | 21 |
| 80 | Photochemical Formation of Anthracene Quinone Methide Derivatives. <i>Journal of Organic Chemistry</i> , 2017, 82, 6006-6021. | 3.2 | 21 |
| 81 | Highly fluorescent hybrid pigments from anthocyanin- and red wine pyranoanthocyanin-analogs adsorbed on sepiolite clay. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1750-1760. | 2.9 | 21 |
| 82 | Interaction of triplet sensitizers with chlorophyll: formation of singlet chlorophyll. <i>Journal of the American Chemical Society</i> , 1989, 111, 2409-2417. | 13.7 | 20 |
| 83 | Identification and Characterization of Binding Sites on S100A7, a Participant in Cancer and Inflammation Pathways. <i>Biochemistry</i> , 2009, 48, 10591-10600. | 2.5 | 20 |
| 84 | Triplet Sensitized Photolysis of a Vinyl Azide: Direct Detection of a Triplet Vinyl Azide and Nitrene. <i>Journal of Organic Chemistry</i> , 2014, 79, 9325-9334. | 3.2 | 20 |
| 85 | Dual Fluorescence of 2-Methoxyanthracene Derivatives. <i>Journal of Physical Chemistry A</i> , 2007, 111, 1036-1044. | 2.5 | 19 |
| 86 | Dynamics of guest binding to supramolecular systems: techniques and selected examples. <i>Advances in Physical Organic Chemistry</i> , 2007, , 167-223. | 0.5 | 19 |
| 87 | Evaluating steady-state and time-resolved fluorescence as a tool to study the behavior of asphaltene in toluene. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 917-928. | 2.9 | 19 |
| 88 | Photochromism of a Spiropyran and a Diarylethene in Bile Salt Aggregates in Aqueous Solution. <i>Langmuir</i> , 2014, 30, 11319-11328. | 3.5 | 19 |
| 89 | Measurement of rates and equilibria for keto-enol tautomerism of aldehydes using horseradish peroxidase compound I. <i>Journal of the American Chemical Society</i> , 1986, 108, 7867-7868. | 13.7 | 18 |
| 90 | EXCITATION OF CHLOROPLASTS IN <i>Euglena gracilis</i> IN THE ABSENCE OF LIGHT. <i>Photochemistry and Photobiology</i> , 1988, 47, 457-461. | 2.5 | 18 |

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|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 91 | Effect of methyl substitution on the intramolecular triplet deactivation of p-methoxy- <i>l</i> ² -phenylpropiophenone. Canadian Journal of Chemistry, 1991, 69, 2053-2058. | 1.1 | 18 |
| 92 | Remarkable Discrimination in the Triplet Lifetimes of the Diastereomers of 1,4-Bis(p-methoxyphenyl)-2,3-diphenylbutan-1,4-dione. Journal of the American Chemical Society, 1997, 119, 11094-11095. | 13.7 | 18 |
| 93 | Photophysical studies on the photochromism of trans-10b,10c-dimethyldihydropyrene. Chemical Communications, 1999, , 2097-2098. | 4.1 | 18 |
| 94 | <i>l</i> ² -Phenyl Quenching of Triplet Excited Ketones: How Critical Is the Geometry for Deactivation?. Journal of Organic Chemistry, 2006, 71, 4453-4459. | 3.2 | 17 |
| 95 | Synthesis and Photophysics of Thioindigo Diimines and Related Compounds. Journal of Organic Chemistry, 2014, 79, 9196-9205. | 3.2 | 17 |
| 96 | Hydroxybenzo[b]quinolinium Ions: Water-Soluble and Solvatochromic Photoacids. Journal of Organic Chemistry, 2016, 81, 10942-10954. | 3.2 | 17 |
| 97 | Effect of cyclodextrin complexation on the photochemistry of the lignin model <i>l</i> [±] -guaiacoxycetoveratrone. Canadian Journal of Chemistry, 1999, 77, 1356-1365. | 1.1 | 16 |
| 98 | Triplet Excited States and Singlet Oxygen Production by Analogs of Red Wine Pyranoanthocyanins. Photochemistry and Photobiology, 2019, 95, 176-182. | 2.5 | 16 |
| 99 | Micellization dynamics of poly(ethylene oxide)-poly(propylene oxide)-poly(ethylene oxide) block copolymers measured by stopped flow. , 1999, , 146-151. | | 16 |
| 100 | Magnetic Field Effects on the Dynamics of Radical Pairs in Micelles: A New Approach to Understanding the "Cage Effect". Photochemistry and Photobiology, 1998, 67, 198. | 2.5 | 16 |
| 101 | Dynamics of the redistribution of 1-dodecylpyrene aggregates in micellar solution. Chemical Physics Letters, 1988, 152, 156-159. | 2.6 | 15 |
| 102 | Effect of sodium chloride on the binding of polyaromatic hydrocarbon guests with sodium cholate aggregates. Photochemical and Photobiological Sciences, 2011, 10, 1420-1430. | 2.9 | 14 |
| 103 | Trans-Cis Isomerization of Vinylketones through Triplet 1,2-Biradicals. Journal of Physical Chemistry A, 2014, 118, 10433-10447. | 2.5 | 14 |
| 104 | Postalkylation of a Common mPEG- <i>b</i> -PAGE Precursor to Produce Tunable Morphologies of Spheres, Filomicelles, Disks, and Polymersomes. ACS Macro Letters, 2016, 5, 128-133. | 4.8 | 14 |
| 105 | On the mechanism of peroxidase-catalyzed chemiluminescence from isobutyraldehyde. Biochemical and Biophysical Research Communications, 1984, 122, 28-32. | 2.1 | 13 |
| 106 | Exploratory study on the application of transmission and diffuse-reflectance laser techniques in the study of free radical processes in vesicles. Langmuir, 1992, 8, 2390-2395. | 3.5 | 13 |
| 107 | Studies of the solvatochromic emission properties of N-aryllurea derivatives I: Influence of the substitution pattern. Photochemical and Photobiological Sciences, 2012, 11, 752-767. | 2.9 | 13 |
| 108 | Tuning the Binding Dynamics of a Guest-Octacid Capsule through Noncovalent Anchoring. Journal of Physical Chemistry Letters, 2017, 8, 2573-2578. | 4.6 | 13 |

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|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Use of Styrene Radical Cations as Probes for the Complexation Dynamics of Charged Guests with β - and γ -Cyclodextrins. <i>Photochemistry and Photobiology</i> , 2000, 71, 35. | 2.5 | 13 |
| 110 | Electrostatically promoted dynamic hybridization of glucans with cationic polythiophene. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9741-9750. | 2.8 | 11 |
| 111 | Use of Photophysical Probes to Study Dynamic Processes in Supramolecular Structures. , 1997, , 391-466. | | 11 |
| 112 | INTERACTION OF ENZYME-GENERATED SPECIES WITH CHLOROPHYLL-a AND PROBES BOUND TO SERUM ALBUMINS. <i>Photochemistry and Photobiology</i> , 1988, 48, 341-347. | 2.5 | 10 |
| 113 | Luminescence of Ruthenium Halide Complexes Containing a Hemilabile Phosphine Pyrenyl Ether Ligand. <i>Inorganic Chemistry</i> , 2006, 45, 4610-4618. | 4.0 | 10 |
| 114 | Delayed fluorescence from triplet-triplet annihilation in solution. Is the T2 state involved?. <i>Chemical Physics Letters</i> , 1989, 161, 342-346. | 2.6 | 9 |
| 115 | Photophysics of Aminoxanthone Derivatives and Their Application as Binding Probes for DNA. <i>Photochemistry and Photobiology</i> , 2006, 82, 78. | 2.5 | 9 |
| 116 | Effect of Solvent Polarity and Viscosity on the Guest Binding Dynamics with Bile Salt Aggregates. <i>Photochemistry and Photobiology</i> , 2007, 83, 494-502. | 2.5 | 9 |
| 117 | Phototautomerization in Pyrrolylphenylpyridine Terphenyl Systems. <i>Journal of Organic Chemistry</i> , 2015, 80, 4430-4442. | 3.2 | 9 |
| 118 | Protein capped nanosilver free radical oxidation: role of biomolecule capping on nanoparticle colloidal stability and protein oxidation. <i>Chemical Communications</i> , 2018, 54, 4724-4727. | 4.1 | 9 |
| 119 | Probing the Microenvironments in a Polymer-Wrapped Core-Shell Nanoassembly Using Pyrene Chromophores. <i>ACS Omega</i> , 2018, 3, 7673-7680. | 3.5 | 9 |
| 120 | Transient state kinetics of the reactions of isobutyraldehyde with compounds I and II of horseradish peroxidase. <i>Journal of Biological Chemistry</i> , 1987, 262, 3572-8. | 3.4 | 9 |
| 121 | Comments on the interpretation of triplet excited-state decay data for the determination of the equilibrium constants in host-guest cyclodextrin complexes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 2435-2436. | 2.0 | 8 |
| 122 | Chiral recognition for the complexation dynamics of β -cyclodextrin with the enantiomers of 2-naphthyl-1-ethanol. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 358-369. | 2.9 | 8 |
| 123 | Hydroxymethylaniline Photocages for Carboxylic Acids and Alcohols. <i>Journal of Organic Chemistry</i> , 2017, 82, 12554-12568. | 3.2 | 8 |
| 124 | Photodeamination to quinone methides in cucurbit[<i>n</i>]urils: potential application in drug delivery. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8908-8912. | 2.8 | 8 |
| 125 | Enzymatic generation of triplet acetone: A window to photobiochemistry without light. <i>Biochemical Education</i> , 1986, 14, 190-192. | 0.1 | 7 |
| 126 | Sequential multiple-photon photochemistry of sterically congested enones. <i>Tetrahedron Letters</i> , 1996, 37, 2317-2320. | 1.4 | 7 |

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | Temperature effects on xanthone- β -cyclodextrin binding dynamics. Canadian Journal of Chemistry, 2011, 89, 395-401. | 1.1 | 7 |
| 128 | Triplet-triplet annihilation of pyrene derivatives as mobility probes in sodium 1,4-bis(2-ethylhexyl)sulfosuccinate/water/isooctane reversed micelles. Langmuir, 1992, 8, 469-474. | 3.5 | 6 |
| 129 | A temperature-annealing effect on the host-guest complexation with β -cyclodextrin. Canadian Journal of Chemistry, 2005, 83, 1440-1447. | 1.1 | 6 |
| 130 | Comparison of photoenolization and alcohol release from alkyl-substituted benzoyl benzoic esters. Canadian Journal of Chemistry, 2011, 89, 331-338. | 1.1 | 6 |
| 131 | Effect of terbium(III) on the binding of aromatic guests with sodium taurocholate aggregates. Photochemical and Photobiological Sciences, 2011, 10, 1568-1577. | 2.9 | 6 |
| 132 | Chemistry, From Alpha to Omega, Open to All. ACS Omega, 2016, 1, 1-1. | 3.5 | 6 |
| 133 | Substitution pattern on anthrol carbaldehydes: excited state intramolecular proton transfer (ESIPT) with a lack of phototautomer fluorescence. Physical Chemistry Chemical Physics, 2017, 19, 28439-28449. | 2.8 | 6 |
| 134 | APPLICATION OF TIME-RESOLVED DIFFUSE REFLECTANCE TECHNIQUES IN STUDIES OF REACTION INTERMEDIATES IN SUSPENSIONS OF BACILLUS SUBTILIS. Photochemistry and Photobiology, 1992, 56, 423-426. | 2.5 | 5 |
| 135 | High-intensity, laser-jet photochemistry: photodecarboxylation of 3,3-diphenyl-1H,3H-naphtho[cd][2]pyran-1-one. Chemical Communications, 1997, , 149-150. | 4.1 | 5 |
| 136 | Transient Spectroscopy of Ninhydrin. Photochemistry and Photobiology, 2003, 77, 10. | 2.5 | 5 |
| 137 | Magnetic Field Effects on the Dynamics of Radical Pairs in Micelles: A New Approach to Understanding the "Cage Effect". Photochemistry and Photobiology, 1998, 67, 198-205. | 2.5 | 5 |
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