

# Cornelia Bohne

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2392420/publications.pdf>

Version: 2024-02-01

158  
papers

4,612  
citations

76326

40  
h-index

138484

58  
g-index

169  
all docs

169  
docs citations

169  
times ranked

4024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of small molecules within the F127 PEO- <i>b</i> -PPO- <i>b</i> -PEO triblock copolymer gel and sol phases studied at the molecular scale. <i>Soft Matter</i> , 2022, 18, 1706-1714.	2.7	0
2	Mechanism of a Disassembly-Driven Sensing System Studied by Stopped-Flow Kinetics. <i>Journal of Organic Chemistry</i> , 2021, 86, 10782-10787.	3.2	2
3	Labeling of Proteins by BODIPY-Quinone Methides Utilizing Anti-Kasha Photochemistry. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 347-351.	8.0	22
4	Nonlinear Dependence on Na <sup>+</sup> Ions for the Binding Dynamics of Cucurbit[6]uril with the <i>trans</i> -1-Methyl-4-(4-hydroxystyryl)pyridinium Cation. <i>Journal of Physical Chemistry B</i> , 2020, 124, 10219-10225.	2.6	4
5	Triplet Excited States and Singlet Oxygen Production by Analogs of Red Wine Pyranoanthocyanins. <i>Photochemistry and Photobiology</i> , 2019, 95, 176-182.	2.5	16
6	Noninnocent Role of Na <sup>+</sup> Ions in the Binding of the <i>N</i> -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
7	Photoelimination of nitrogen from adamantane and pentacycloundecane (PCU) diazirines: a spectroscopic study and supramolecular control. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1806-1822.	2.9	4
8	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
9	Steric Demand and Rate-determining Step for Photoenolization of Di- <i>ortho</i> -substituted Acetophenone Derivatives. <i>Photochemistry and Photobiology</i> , 2019, 95, 154-162.	2.5	4
10	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
11	ACS Omega 2017: A Year-End Expression of Appreciation for the Fundamental Contributions of Our Reviewers. <i>ACS Omega</i> , 2018, 3, 595-607.	3.5	2
12	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
13	Organic/inorganic hybrid pigments from flavylum cations and palygorskite. <i>Applied Clay Science</i> , 2018, 162, 478-486.	5.2	38
14	Probing the Microenvironments in a Polymer-Wrapped Core-Shell Nanoassembly Using Pyrene Chromophores. <i>ACS Omega</i> , 2018, 3, 7673-7680.	3.5	9
15	Photochemical Formation of Anthracene Quinone Methide Derivatives. <i>Journal of Organic Chemistry</i> , 2017, 82, 6006-6021.	3.2	21
16	Tuning the Binding Dynamics of a Guest-Octaacid Capsule through Noncovalent Anchoring. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2573-2578.	4.6	13
17	Photochemical behavior of biosupramolecular assemblies of photosensitizers, cucurbit[ <i>n</i> ]urils and albumins. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 2574-2582.	2.8	37
18	Substitution pattern on anthrol carbaldehydes: excited state intramolecular proton transfer (ESIPT) with a lack of phototautomer fluorescence. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 28439-28449.	2.8	6

#	ARTICLE	IF	CITATIONS
19	ACS Omega: The Inaugural Year in Perspective. ACS Omega, 2017, 2, 4030-4031.	3.5	2
20	Hydroxymethylaniline Photocages for Carboxylic Acids and Alcohols. Journal of Organic Chemistry, 2017, 82, 12554-12568.	3.2	8
21	Chemistry, From Alpha to Omega, Open to All. ACS Omega, 2016, 1, 1-1.	3.5	6
22	Electrostatically promoted dynamic hybridization of glucans with cationic polythiophene. Organic and Biomolecular Chemistry, 2016, 14, 9741-9750.	2.8	11
23	Cucurbit[7]uril inclusion complexation as a supramolecular strategy for color stabilization of anthocyanin model compounds. Photochemical and Photobiological Sciences, 2016, 15, 752-757.	2.9	27
24	Hydroxybenzo[b]quinolinium Ions: Water-Soluble and Solvatochromic Photoacids. Journal of Organic Chemistry, 2016, 81, 10942-10954.	3.2	17
25	Understanding the Interaction between Biomolecules and Silver Nanoparticles. Biophysical Journal, 2016, 110, 341a.	0.5	3
26	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
27	New Insights into Peptide-Silver Nanoparticle Interaction: Deciphering the Role of Cysteine and Lysine in the Peptide Sequence. Langmuir, 2016, 32, 265-273.	3.5	49
28	Highly enantiodifferentiating site of human serum albumin for mediating photocyclodimerization of 2-anthracenecarboxylate elucidated by site-specific inhibition/quenching with xenon. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 331, 89-94.	3.9	2
29	Time-resolved fluorescence anisotropy as a tool to study guest-cucurbit[n]uril-protein ternary supramolecular interactions. Photochemical and Photobiological Sciences, 2015, 14, 842-852.	2.9	29
30	Light activated molecular machines and logic gates: general discussion. Faraday Discussions, 2015, 185, 399-411.	3.2	1
31	Determination of the kinetics underlying the pKa shift for the 2-aminoanthracenium cation binding with cucurbit[7]uril. Faraday Discussions, 2015, 185, 381-398.	3.2	30
32	Phototautomerization in Pyrrolylphenylpyridine Terphenyl Systems. Journal of Organic Chemistry, 2015, 80, 4430-4442.	3.2	9
33	Photodeamination Reaction Mechanism in Aminomethyl <i>p</i> -Cresol Derivatives: Different Reactivity of Amines and Ammonium Salts. Journal of Organic Chemistry, 2015, 80, 10817-10828.	3.2	27
34	Natural and artificial photosynthesis: general discussion. Faraday Discussions, 2015, 185, 187-217.	3.2	3
35	Luminescence sensing and imaging: general discussion. Faraday Discussions, 2015, 185, 311-335.	3.2	2
36	Self-organization of photo-active nanostructures: general discussion. Faraday Discussions, 2015, 185, 529-548.	3.2	2

#	ARTICLE	IF	CITATIONS
37	Chiral recognition for the complexation dynamics of $\beta$ -cyclodextrin with the enantiomers of 2-naphthyl-1-ethanol. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 358-369.	2.9	8
38	Trans $\rightarrow$ Cis Isomerization of Vinylketones through Triplet 1,2-Biradicals. <i>Journal of Physical Chemistry A</i> , 2014, 118, 10433-10447.	2.5	14
39	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
40	Synthesis and Photophysics of Thioindigo Diimines and Related Compounds. <i>Journal of Organic Chemistry</i> , 2014, 79, 9196-9205.	3.2	17
41	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
42	Photochromism of a Spiropyran and a Diarylethene in Bile Salt Aggregates in Aqueous Solution. <i>Langmuir</i> , 2014, 30, 11319-11328.	3.5	19
43	Supramolecular dynamics. <i>Chemical Society Reviews</i> , 2014, 43, 4037-4050.	38.1	96
44	On the Size Distribution of Self-Associated Asphaltenes. <i>Energy &amp; Fuels</i> , 2013, 27, 5083-5106.	5.1	98
45	Explaining the Highly Enantiomeric Photocyclodimerization of 2-Anthracenecarboxylate Bound to Human Serum Albumin Using Time-Resolved Anisotropy Studies. <i>Journal of the American Chemical Society</i> , 2013, 135, 203-209.	13.7	62
46	Dynamics of a Supramolecular Capsule Assembly with Pyrene. <i>Journal of the American Chemical Society</i> , 2012, 134, 5544-5547.	13.7	67
47	Studies of the solvatochromic emission properties of N-aryleurea derivatives II: influence of hydrogen-bonding interactions. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1914.	2.9	4
48	Aggregation Behavior of Pegylated Bile Acid Derivatives. <i>Langmuir</i> , 2012, 28, 13431-13440.	3.5	31
49	Studies of the solvatochromic emission properties of N-aryleurea derivatives I: Influence of the substitution pattern. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 752-767.	2.9	13
50	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
51	Photochromic benzo[g]quinoxalines. <i>Canadian Journal of Chemistry</i> , 2011, 89, 297-302.	1.1	4
52	Comparison of photoenolization and alcohol release from alkyl-substituted benzoyl benzoic esters. <i>Canadian Journal of Chemistry</i> , 2011, 89, 331-338.	1.1	6
53	Effect of terbium(III) on the binding of aromatic guests with sodium taurocholate aggregates. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1568-1577.	2.9	6
54	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

#	ARTICLE	IF	CITATIONS
55	Effect of sodium chloride on the binding of polyaromatic hydrocarbon guests with sodium cholate aggregates. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1420-1430.	2.9	14
56	Characterization of the photochromism of dihydropyrenes with photophysical techniques. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2011, 12, 126-137.	11.6	39
57	Guest Binding Dynamics with Cucurbit[7]uril in the Presence of Cations. <i>Journal of the American Chemical Society</i> , 2011, 133, 20623-20633.	13.7	179
58	Photolysis of (3-Methyl-2-azirin-2-yl)-phenylmethanone: Direct Detection of a Triplet Vinylnitrene Intermediate. <i>Journal of Organic Chemistry</i> , 2011, 76, 9934-9945.	3.2	32
59	Temperature effects on xanthone- $\beta$ -cyclodextrin binding dynamics. <i>Canadian Journal of Chemistry</i> , 2011, 89, 395-401.	1.1	7
60	Effect of Alkyl Substituents on Photorelease from Butyrophenone Derivatives. <i>Journal of Organic Chemistry</i> , 2010, 75, 1393-1401.	3.2	21
61	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
62	Aqueous solubilization of photochromic compounds by bile salt aggregates. <i>Chemical Communications</i> , 2010, 46, 1941-1943.	4.1	27
63	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
64	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
65	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
66	Photophysical Studies on the Supramolecular Photochirogenesis for the Photocyclodimerization of 2-Anthracenecarboxylate within Human Serum Albumin. <i>Journal of Physical Chemistry B</i> , 2009, 113, 10445-10453.	2.6	40
67	Intramolecular H-Atom Abstraction in $\beta$ -Azido-Butyrophenones: Formation of 1,5 Ketyl Iminyl Radicals. <i>Organic Letters</i> , 2009, 11, 2345-2348.	4.6	44
68	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
69	Effect of the Structure of Bile Salt Aggregates on the Binding of Aromatic Guests and the Accessibility of Anions. <i>Langmuir</i> , 2009, 25, 13800-13808.	3.5	36
70	High-contrast fluorescence switching using a photoresponsive dithienylethene coordination compound. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 200, 74-82.	3.9	41
71	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
72	Dual Fluorescence of 2-Methoxyanthracene Derivatives. <i>Journal of Physical Chemistry A</i> , 2007, 111, 1036-1044.	2.5	19

#	ARTICLE	IF	CITATIONS
73	Dynamics of guest binding to supramolecular systems: techniques and selected examples. <i>Advances in Physical Organic Chemistry</i> , 2007, , 167-223.	0.5	19
74	Pyrene binding to persistent micelles formed from a dendro-calixarene. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 525.	2.9	21
75	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
76	Highly Enantiomeric Supramolecular [4 + 4] Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Human Serum Albumin. <i>Journal of the American Chemical Society</i> , 2007, 129, 3478-3479.	13.7	114
77	Supramolecular Photochirogenesis with Biomolecules. Mechanistic Studies on the Enantiodifferentiation for the Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Bovine Serum Albumin. <i>Journal of Organic Chemistry</i> , 2007, 72, 2707-2715.	3.2	70
78	Introduction to the Special Issue in Honor of J. C. (Tito) Scaiano. <i>Photochemistry and Photobiology</i> , 2007, 82, 1-4.	2.5	0
79	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
80	Supramolecular Dynamics Studied Using Photophysics. <i>Langmuir</i> , 2006, 22, 9100-9111.	3.5	49
81	$\hat{I}^2$ -Phenyl Quenching of Triplet Excited Ketones: How Critical Is the Geometry for Deactivation?. <i>Journal of Organic Chemistry</i> , 2006, 71, 4453-4459.	3.2	17
82	Multistate $\hat{I}^{\epsilon}$ Switches: 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
83	Luminescence of Ruthenium Halide Complexes Containing a Hemilabile Phosphine Pyrenyl Ether Ligand. <i>Inorganic Chemistry</i> , 2006, 45, 4610-4618.	4.0	10
84	Photophysics of Aminoxanthone Derivatives and Their Application as Binding Probes for DNA. <i>Photochemistry and Photobiology</i> , 2006, 82, 78.	2.5	9
85	Influence of Planarity and Size on Guest Binding with Sodium Cholate Aggregates. <i>Photochemistry and Photobiology</i> , 2006, 82, 1030.	2.5	24
86	Introduction to the Special Issue in Honor of J. C. (Tito) Scaiano. <i>Photochemistry and Photobiology</i> , 2006, 82, 1.	2.5	0
87	A temperature-annealing effect on the host-guest complexation with $\hat{I}^3$ -cyclodextrin. <i>Canadian Journal of Chemistry</i> , 2005, 83, 1440-1447.	1.1	6
88	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. <i>Journal of the American Chemical Society</i> , 2005, 127, 76-85.	13.7	83
89	Reversible Molecular Switching of Ruthenium Bis(bipyridyl) Groups Bonded to Oligothiophenes: Effect on Electrochemical and Spectroscopic Properties. <i>Journal of the American Chemical Society</i> , 2005, 127, 6382-6393.	13.7	48
90	N-Acylureido Functionality as Acceptor Substituent in Solvatochromic Fluorescence Probes: Detection of Carboxylic Acids, Alcohols, and Fluoride Ions. <i>Journal of the American Chemical Society</i> , 2005, 127, 17158-17159.	13.7	59

#	ARTICLE	IF	CITATIONS
91	Photoenolization of 2-(2-Methyl Benzoyl) Benzoic Acid, Methyl Ester: Effect of E Photoenol Lifetime on the Photochemistry. <i>Journal of Organic Chemistry</i> , 2005, 70, 2763-2770.	3.2	39
92	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
93	Dynamics for the Assembly of Pyrene- $\beta$ -Cyclodextrin Host-Guest Complexes. <i>Journal of Physical Chemistry B</i> , 2003, 107, 11652-11659.	2.6	53
94	Probing the binding dynamics to sodium cholate aggregates using naphthalene derivatives as guests. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 1140-1151.	2.9	41
95	Mechanistic studies on the photochromism of [e]-annelated dimethyldihydropyrenes. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 104-112.	2.9	37
96	Transient Spectroscopy of Ninhydrin. <i>Photochemistry and Photobiology</i> , 2003, 77, 10.	2.5	5
97	Transient Spectroscopy of Ninhydrin. <i>Photochemistry and Photobiology</i> , 2003, 77, 10-17.	2.5	0
98	Mechanistic Insights into the Photochromism of trans-10b,10c-Dimethyl-10b,10c-dihydropyrene Derivatives. <i>Journal of the American Chemical Society</i> , 2002, 124, 4693-4700.	13.7	76
99	Complexation Dynamics of Xanthone and Thioxanthone to $\beta$ -Cyclodextrin Derivatives. <i>Journal of Physical Chemistry B</i> , 2001, 105, 2122-2128.	2.6	43
100	Reactivity of Benzophenones in the Different Binding Sites of Sodium Cholate Aggregates. <i>Langmuir</i> , 2001, 17, 5781-5790.	3.5	24
101	Dynamics of complexation of flavone and chromone to $\beta$ -cyclodextrin. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2000, 134, 169-176.	3.9	31
102	Photophysical and Theoretical Studies on the Stereoselective Complexation of Naphthylethanols with $\beta$ -Cyclodextrin. <i>Langmuir</i> , 2000, 16, 8780-8788.	3.5	32
103	Aggregation Dynamics of Sodium Taurodeoxycholate and Sodium Deoxycholate. <i>Langmuir</i> , 2000, 16, 2038-2041.	3.5	22
104	Use of Styrene Radical Cations as Probes for the Complexation Dynamics of Charged Guests with $\beta$ - and $\beta$ -Cyclodextrins. <i>Photochemistry and Photobiology</i> , 2000, 71, 35-43.	2.5	1
105	Use of Styrene Radical Cations as Probes for the Complexation Dynamics of Charged Guests with $\beta$ - and $\beta$ -Cyclodextrins. <i>Photochemistry and Photobiology</i> , 2000, 71, 35.	2.5	13
106	Photophysical studies on the photochromism of trans-10b,10c-dimethyldihydropyrene. <i>Chemical Communications</i> , 1999, , 2097-2098.	4.1	18
107	Effect of cyclodextrin complexation on the photochemistry of the lignin model $\beta$ -guaiacoxyacetoveratrone. <i>Canadian Journal of Chemistry</i> , 1999, 77, 1356-1365.	1.1	16
108	Micellization Dynamics and Impurity Solubilization of the Block-Copolymer L64 in an Aqueous Solution. <i>Langmuir</i> , 1999, 15, 322-325.	3.5	97

#	ARTICLE	IF	CITATIONS
109	Complexation of Fluorenone and Xanthone to Cyclodextrins: Comparison of Theoretical and Experimental Studies. <i>Journal of Physical Chemistry A</i> , 1999, 103, 137-146.	2.5	48
110	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
111	Dynamics of Micro- and Macrophase Separation of Amphiphilic Block-Copolymers in Aqueous Solution. <i>Macromolecules</i> , 1999, 32, 5539-5551.	4.8	113
112	Micellization dynamics of poly(ethylene oxide)-poly(propylene oxide)-poly(ethylene oxide) block copolymers measured by stopped flow. , 1999, , 146-151.		16
113	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
114	Development of a methodology using methylene blue to quantify the amount of UV-screen applied and to determine the homogeneity of application on paper. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1998, 116, 171-177.	3.9	1
115	Complexation of Naphthylethanols with $\beta$ -Cyclodextrin. <i>Journal of Physical Chemistry A</i> , 1998, 102, 5639-5651.	2.5	81
116	Magnetic Field Effects on the Dynamics of Radical Pairs in Micelles: A New Approach to Understanding the "Cage Effect". <i>Photochemistry and Photobiology</i> , 1998, 67, 198-205.	2.5	5
117	Magnetic Field Effects on the Dynamics of Radical Pairs in Micelles: A New Approach to Understanding the "Cage Effect". <i>Photochemistry and Photobiology</i> , 1998, 67, 198.	2.5	16
118	High-intensity, laser-jet photochemistry: photodecarboxylation of 3,3-diphenyl-1H,3H-naphtho[cd][2]pyran-1-one. <i>Chemical Communications</i> , 1997, , 149-150.	4.1	5
119	Remarkable Discrimination in the Triplet Lifetimes of the Diastereomers of 1,4-Bis(p-methoxyphenyl)-2,3-diphenylbutan-1,4-dione. <i>Journal of the American Chemical Society</i> , 1997, 119, 11094-11095.	13.7	18
120	Quenching Studies of Hydrophobically-Modified Poly(N-isopropylacrylamides). <i>Langmuir</i> , 1997, 13, 6089-6094.	3.5	21
121	Photophysical characterization of fluorenone derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1997, 110, 123-129.	3.9	36
122	Use of Photophysical Probes to Study Dynamic Processes in Supramolecular Structures. , 1997, , 391-466.		11
123	Time-Resolved Diffuse Reflectance Studies of $\beta$ -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
124	Probing Bile Salt Aggregates by Fluorescence Quenching. <i>Photochemistry and Photobiology</i> , 1996, 63, 60-67.	2.5	42
125	Reactive Intermediates in Organized and Biological Systems: A Tribute to Giuseppe Cilento. Introduction. <i>Photochemistry and Photobiology</i> , 1996, 63, 695-695.	2.5	0
126	Sequential multiple-photon photochemistry of sterically congested enones. <i>Tetrahedron Letters</i> , 1996, 37, 2317-2320.	1.4	7



#	ARTICLE	IF	CITATIONS
127	Alcohol Effect on Equilibrium Constants and Dissociation Dynamics of Xanthone $\beta$ -Cyclodextrin Complexes. <i>The Journal of Physical Chemistry</i> , 1996, 100, 734-743.	2.9	117
128	Dynamics of Probe Complexation to Bile Salt Aggregates. <i>The Journal of Physical Chemistry</i> , 1996, 100, 3847-3854.	2.9	65
129	Effect of Amino Acid Coinclusion on the Complexation of Pyrene with $\beta$ -Cyclodextrin. <i>The Journal of Physical Chemistry</i> , 1996, 100, 14533-14539.	2.9	42
130	Chiral discrimination in the fluorescence quenching of pyrene complexed to $\beta$ -cyclodextrin. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1995, 86, 209-217.	3.9	42
131	Effect of excitation on the host $\rightarrow$ guest equilibrium constants of cyclodextrin complexes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 199-200.	2.0	38
132	Comments on the interpretation of triplet excited-state decay data for the determination of the equilibrium constants in host $\rightarrow$ guest cyclodextrin complexes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 2435-2436.	2.0	8
133	Carbocation formation via carbene protonation studied by the technique of stopped-flow laser-flash photolysis. <i>Journal of the American Chemical Society</i> , 1993, 115, 2200-2205.	13.7	31
134	Exploratory study on the application of transmission and diffuse-reflectance laser techniques in the study of free radical processes in vesicles. <i>Langmuir</i> , 1992, 8, 2390-2395.	3.5	13
135	Triplet-triplet annihilation of pyrene derivatives as mobility probes in sodium 1,4-bis(2-ethylhexyl)sulfosuccinate/water/isooctane reversed micelles. <i>Langmuir</i> , 1992, 8, 469-474.	3.5	6
136	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
137	Laser photolysis studies of photochromic processes in spirooxazines: solvent effects on photomerocyanine behavior. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1992, 66, 79-90.	3.9	69
138	APPLICATION OF TIME-RESOLVED DIFFUSE REFLECTANCE TECHNIQUES IN STUDIES OF REACTION INTERMEDIATES IN SUSPENSIONS OF BACILLUS SUBTILIS. <i>Photochemistry and Photobiology</i> , 1992, 56, 423-426.	2.5	5
139	Effect of methyl substitution on the intramolecular triplet deactivation of p-methoxy- $\beta$ -phenylpropiophenone. <i>Canadian Journal of Chemistry</i> , 1991, 69, 2053-2058.	1.1	18
140	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
141	STUDY OF XANTHONE-CYCLODEXTRIN INCLUSION COMPLEXES IN THE SOLID STATE USING TIME-RESOLVED DIFFUSE REFLECTANCE-LASER FLASH PHOTOLYSIS. <i>Photochemistry and Photobiology</i> , 1991, 54, 1-5.	2.5	31
142	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
143	Photochromic processes in spiro(1,3,3-trimethylindolo-2,2 $\rightarrow$ -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
144	Characterization of the triplet-triplet annihilation process of pyrene and several derivatives under laser excitation. <i>Journal of the American Chemical Society</i> , 1990, 112, 4226-4231.	13.7	72

#	ARTICLE	IF	CITATIONS
145	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. Journal of Organic Chemistry, 1990, 55, 5414-5418.	3.2	29
146	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
147	Delayed fluorescence from triplet-triplet annihilation in solution. Is the T2 state involved?. Chemical Physics Letters, 1989, 161, 342-346.	2.6	9
148	Interaction of triplet sensitizers with chlorophyll: formation of singlet chlorophyll. Journal of the American Chemical Society, 1989, 111, 2409-2417.	13.7	20
149	EXCITATION OF CHLOROPLASTS IN <i>Euglena gracilis</i> IN THE ABSENCE OF LIGHT. Photochemistry and Photobiology, 1988, 47, 457-461.	2.5	18
150	INTERACTION OF ENZYME-GENERATED SPECIES WITH CHLOROPHYLL-a AND PROBES BOUND TO SERUM ALBUMINS. Photochemistry and Photobiology, 1988, 48, 341-347.	2.5	10
151	Dynamics of the redistribution of 1-dodecylpyrene aggregates in micellar solution. Chemical Physics Letters, 1988, 152, 156-159.	2.6	15
152	Transient state kinetics of the reactions of isobutyraldehyde with compounds I and II of horseradish peroxidase. Journal of Biological Chemistry, 1987, 262, 3572-8.	3.4	9
153	Measurement of rates and equilibria for keto-enol tautomerism of aldehydes using horseradish peroxidase compound I. Journal of the American Chemical Society, 1986, 108, 7867-7868.	13.7	18
154	Chlorophyll: An efficient detector of electronically excited species in biochemical systems. Analytical Biochemistry, 1986, 155, 1-9.	2.4	49
155	Enzymatic generation of triplet acetone: A window to photobiochemistry without light. Biochemical Education, 1986, 14, 190-192.	0.1	7
156	Peroxidase-catalyzed formation of triplet acetone and chemiluminescence from isobutyraldehyde and molecular oxygen.. Journal of Biological Chemistry, 1985, 260, 10217-10225.	3.4	73
157	Peroxidase-catalyzed formation of triplet acetone and chemiluminescence from isobutyraldehyde and molecular oxygen. Journal of Biological Chemistry, 1985, 260, 10217-25.	3.4	51
158	On the mechanism of peroxidase-catalyzed chemiluminescence from isobutyraldehyde. Biochemical and Biophysical Research Communications, 1984, 122, 28-32.	2.1	13