

K Razi Naqvi

List of Publications by Year in descending order

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218677

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docs citations

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times ranked

2091
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser flash photolytic generation of radical ions of carotenoids in organic solvents. Studies of their subsequent fates, including formation of stable carotenoid sigma dimer radical anion (CAR) ²⁻ . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 425, 113707.	3.9	1
2	On infinitenes – Reliable calculation of \hat{I}^{\sim} and molecular modeling of lemniscate structured carotenoids. <i>Computational and Theoretical Chemistry</i> , 2018, 1125, 133-141.	2.5	4
3	The ORAC Assay: Mathematical Analysis of the Rate Equations and Some Practical Considerations. <i>International Journal of Chemical Kinetics</i> , 2017, 49, 409-418.	1.6	0
4	Least-Squares Is Not the Only Yardstick for Estimating the Absorption Limit of an Infinitely Long Conjugated Chain from Spectra of Oligomers. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 676-679.	4.6	4
5	Fluorescence and phosphorescence of tryptophan in peptides of different length and sequence. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 157, 120-128.	3.8	11
6	Screening hypochromism (sieve effect) in red blood cells: a quantitative analysis. <i>Biomedical Optics Express</i> , 2014, 5, 1290.	2.9	5
7	The inter-monomer interface of the major light-harvesting chlorophyll a/b complexes of photosystem II (LHCII) influences the chlorophyll triplet distribution. <i>Journal of Plant Physiology</i> , 2014, 171, 42-48.	3.5	7
8	Single shot laser flash photolysis with a fibre-coupled reference beam monitor. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 404-406.	2.9	1
9	Pulsed-source time-resolved phosphorimetry: comparison of a commercial gated photomultiplier with a specially wired ungated photomultiplier. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1110.	2.9	3
10	Model for Conformational Relaxation of Flexible Conjugated Polymers: Application to <i>p</i> -Phenylenevinylene Trimers in Nonpolar Solvents. <i>ChemPhysChem</i> , 2013, 14, 583-590.	2.1	6
11	Careless linking of Wallace and Darwin. <i>Nature</i> , 2012, 485, 446-446.	27.8	0
12	Temporal profile of the singlet oxygen emission endogenously produced by photosystem II reaction centre in an aqueous buffer. <i>Photosynthesis Research</i> , 2012, 112, 75-79.	2.9	27
13	Triplets, radical cations and neutral semiquinone radicals of lumiflavin and riboflavin: An overhaul of previous pump-probe data and new multichannel absolute absorption spectra. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 106, 34-39.	3.8	16
14	The Physics of Ultrasound and X-Rays: A Primer for Urologists. , 2012, , 283-289.		0
15	Kinetic studies of retinol addition radicals. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1459.	2.8	5
16	Trolox, a Water-Soluble Analogue of \hat{I}^{\pm} -Tocopherol, Photoprotects the Surface-Exposed Regions of the Photosystem II Reaction Center in Vitro. Is This Physiologically Relevant?. <i>Biochemistry</i> , 2011, 50, 8291-8301.	2.5	16
17	Comparison of the Photochemical Behaviors of \hat{I}^{\pm} -Tocopherol and its Acetate in Organic and Aqueous Micellar Solutions. <i>Journal of Physical Chemistry A</i> , 2011, 115, 8242-8247.	2.5	8
18	Ultrafast dynamics of hydrophilic carbonyl carotenoids – Relation between structure and excited-state properties in polar solvents. <i>Chemical Physics</i> , 2010, 373, 56-64.	1.9	20

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19	Spectroscopic Characterization of Neutral and Cation Radicals of $\hat{\alpha}$ -Tocopherol and Related Molecules: A Satisfactory Denouement. <i>Journal of Physical Chemistry A</i> , 2010, 114, 10795-10802.	2.5	12
20	Comment on "Heavy (or large) ions in a fluid in an electric field: The diffusion equation exactly following from the Fokker-Planck equation" [J. Chem. Phys. 129, 044903 (2008)]. <i>Journal of Chemical Physics</i> , 2010, 132, 017103.	3.0	1
21	Light absorption by isolated chloroplasts and leaves: effects of scattering and "packing". <i>Photosynthesis Research</i> , 2009, 102, 31-41.	2.9	51
22	Facile method for spectroscopic examination of radical ions of hydrophilic carotenoids. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 6401.	2.8	10
23	Light absorption and scattering by cell suspensions of some cyanobacteria and microalgae. <i>Russian Journal of Plant Physiology</i> , 2008, 55, 420-425.	1.1	28
24	Double-blind review: the paw print is a giveaway. <i>Nature</i> , 2008, 452, 28-28.	27.8	4
25	The status of science in Muslim nations. <i>Nature</i> , 2008, 453, 27-27.	27.8	2
26	Light absorption by anthocyanins in juvenile, stressed, and senescing leaves. <i>Journal of Experimental Botany</i> , 2008, 59, 3903-3911.	4.8	188
27	Effect of anthocyanins, carotenoids, and flavonols on chlorophyll fluorescence excitation spectra in apple fruit: signature analysis, assessment, modelling, and relevance to photoprotection. <i>Journal of Experimental Botany</i> , 2008, 59, 349-359.	4.8	93
28	Reaction Center of Photosystem II with No Peripheral Pigments in D2 Allows Secondary Electron Transfer in D1. <i>Biochemistry</i> , 2007, 46, 15027-15032.	2.5	5
29	Polarity-Tuned Energy Transfer Efficiency in Artificial Light-Harvesting Antennae Containing Carbonyl Carotenoids Peridinin and Fucoxanthin. <i>Journal of Physical Chemistry C</i> , 2007, 111, 467-476.	3.1	25
30	Formation and geminate quenching of singlet oxygen in purple bacterial reaction center. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2007, 87, 105-112.	3.8	26
31	Nanosecond Laser Photolysis Studies of Chlorosomes and Artificial Aggregates Containing Bacteriochlorophyll e: Evidence for the Proximity of Carotenoids and Bacteriochlorophyll a in Chlorosomes from <i>Chlorobium phaeobacteroides</i> strain CL1401. <i>Photochemistry and Photobiology</i> , 2007, 72, 669-675.	2.5	3
32	Bacteriochlorophyll e Monomers, but Not Aggregates, Sensitize Singlet Oxygen: Implications for a Self-photoprotection Mechanism in Chlorosomes. <i>Photochemistry and Photobiology</i> , 2007, 76, 373-380.	2.5	0
33	Hydrophilic carotenoids: surface properties and aggregation of an astaxanthin-lysine conjugate, a rigid, long-chain, highly unsaturated and highly water-soluble tetracationic bolaamphiphile. <i>Chemistry and Physics of Lipids</i> , 2007, 148, 63-69.	3.2	13
34	Reduction of tetranitromethane by electronically excited aromatics in acetonitrile: Spectra and molar absorption coefficients of radical cations of anthracene, phenanthrene and pyrene. <i>Chemical Physics Letters</i> , 2006, 428, 83-87.	2.6	15
35	Quantitative spectrophotometry using integrating cavities. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006, 82, 127-131.	3.8	35
36	Singlet oxygen quenching by thione analogues of canthaxanthin, echinenone and rhodoxanthin. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006, 84, 135-140.	3.8	8

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37	Estimation of diffusive boundary layer thickness in studies involving diffusive gradients in thin films (DGT). <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 2233-2237.	3.7	51
38	Comparative study of integrating cavity absorption meters. <i>Journal of Proteomics</i> , 2006, 69, 189-196.	2.4	4
39	Hydrophilic Carotenoids: Surface Properties and Aggregation of Crocin as a Biosurfactant. <i>Helvetica Chimica Acta</i> , 2006, 89, 45-53.	1.6	37
40	Hydrophilic carotenoids: surface properties and aggregation behavior of a highly unsaturated carotenoid lysophospholipid. <i>Chemistry and Physics of Lipids</i> , 2005, 134, 85-96.	3.2	25
41	Hydrophilic carotenoids: surface properties and aqueous aggregation of a rigid, long-chain, highly unsaturated dianionic bolaamphiphile with a carotenoid spacer. <i>Chemistry and Physics of Lipids</i> , 2005, 135, 157-167.	3.2	23
42	Time-dependent radiative transfer through thin films: Chapman-Enskog-maximum entropy method. <i>Journal Physics D: Applied Physics</i> , 2005, 38, 3469-3479.	2.8	1
43	Brownian Motion Description of Heat Conduction by Phonons. <i>Physical Review Letters</i> , 2005, 95, 065901.	7.8	22
44	Multichannel Flash Spectroscopy of the Reaction Centers of Wild-type and Mutant <i>Rhodobacter sphaeroides</i> : Bacteriochlorophyll <i>B</i> -mediated Interaction Between the Carotenoid Triplet and the Special Pair. <i>Photochemistry and Photobiology</i> , 2004, 79, 68-75.	2.5	4
45	Estimation of leaf transmittance in the near infrared region through reflectance measurements. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2004, 74, 145-150.	3.8	50
46	Expeditious implementation of two new methods for analysing the pigment composition of photosynthetic specimens. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 2783-2791.	3.9	15
47	Absorption and scattering of light by suspensions of cells and subcellular particles: an analysis in terms of Kramers-Kronig relations. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 132-137.	2.9	58
48	Reappraisal of four different approaches for finding the mean reaction time in the multi-trap variant of the Adam-DeLbrück problem. <i>Journal of Chemical Physics</i> , 2004, 120, 9390-9393.	3.0	7
49	Multichannel Flash Spectroscopy of the Reaction Centers of Wild-type and Mutant <i>Rhodobacter sphaeroides</i> : Bacteriochlorophyll <i>B</i> -mediated Interaction Between the Carotenoid Triplet and the Special Pair. <i>Photochemistry and Photobiology</i> , 2004, 79, 68.	2.5	6
50	Multichannel flash spectroscopy of the reaction centers of wild-type and mutant <i>Rhodobacter sphaeroides</i> : bacteriochlorophyll <i>B</i> -mediated interaction between the carotenoid triplet and the special pair. <i>Photochemistry and Photobiology</i> , 2004, 79, 68-75.	2.5	12
51	The Force Exerted by the Walls of an Infinite Square Well on a Wave Packet: Ehrenfest Theorem, Revivals and Fractional Revivals. <i>Physica Scripta</i> , 2003, 68, 45-53.	2.5	9
52	Photochemical and photophysical behaviour of vitamin E: interaction of its long-lived transient photoproducts with carotenoids. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 381-385.	2.9	16
53	Calculation of triplet-triplet energy transfer rates from emission and absorption spectra. The quenching of hemicarcerated triplet biacetyl by aromatic hydrocarbons. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 616-623.	2.9	17
54	Transient radiative heat transfer through thin films using Laguerre-Galerkin method. <i>Journal Physics D: Applied Physics</i> , 2003, 36, 3014-3026.	2.8	8

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55	Ultrafast decay of anisotropy due to electronic decoherence in systems with twofold or threefold degeneracy. <i>Chemical Physics Letters</i> , 2002, 357, 147-152.	2.6	10
56	Does a leaf absorb radiation in the near infrared (780-900 nm) region? A new approach to quantifying optical reflection, absorption and transmission of leaves. <i>Photosynthesis Research</i> , 2002, 72, 263-270.	2.9	76
57	Bacteriochlorophyll e Monomers, but Not Aggregates, Sensitize Singlet Oxygen: Implications for a Self-photoprotection Mechanism in Chlorosomes. <i>Photochemistry and Photobiology</i> , 2002, 76, 373.	2.5	13
58	Fractional revival of wave packets in an infinite square well: a Fourier perspective. <i>European Journal of Physics</i> , 2001, 22, 395-402.	0.6	11
59	Electronic energy transfer involving carotenoid pigments in chlorosomes of two green bacteria: <i>Chlorobium tepidum</i> and <i>Chloroflexus aurantiacus</i> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2000, 56, 2001-2010.	3.9	40
60	Reinvestigation of the triplet-minus-singlet spectrum of chloroplasts. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2000, 56, 211-214.	3.9	18
61	On recording the true absorption spectrum and the scattering spectrum of a turbid sample: application to cell suspensions of the cyanobacterium <i>Anabaena variabilis</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2000, 58, 123-129.	3.8	74
62	Revival, Mirror Revival and Collapse may Occur even in a Harmonic Oscillator Wave Packet. <i>Physica Scripta</i> , 2000, 62, 12-16.	2.5	10
63	Recipes for Analyzing Diffusion-Controlled Reactions in Two Dimensions: Time-Resolved and Steady-State Measurements. <i>Journal of Physical Chemistry B</i> , 2000, 104, 12035-12038.	2.6	22
64	Kinetics of Two-Dimensional Diffusion-Controlled Reactions: A Monte Carlo Simulation of Hard-Disk Reactants Undergoing a Pearson-Type Random Walk. <i>Journal of Physical Chemistry B</i> , 2000, 104, 4986-4991.	2.6	14
65	Nanosecond Laser Photolysis Studies of Chlorosomes and Artificial Aggregates Containing Bacteriochlorophyll e: Evidence for the Proximity of Carotenoids and Bacteriochlorophyll a in Chlorosomes from <i>Chlorobium phaeobacteroides</i> strain CL1401. <i>Photochemistry and Photobiology</i> , 2000, 72, 669.	2.5	24
66	A neglected aspect of the pulsating Gaussian wave packet. <i>European Journal of Physics</i> , 1999, 20, L41-L43.	0.6	7
67	Hydrogen abstraction by triplet flavins. I: time-resolved multi-channel absorption spectra of flash-irradiated riboflavin solutions in water. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1999, 55, 2299-2307.	3.9	34
68	Photophysical characteristics of two model antenna systems: a fucoxanthin-pyropheoporbide dyad and its peridinin analogue. <i>Chemical Physics Letters</i> , 1999, 313, 499-504.	2.6	20
69	Contributory presentations/posters. <i>Journal of Biosciences</i> , 1999, 24, 33-198.	1.1	0
70	Estimation of Pigment Stoichiometries in Photosynthetic Systems of Purple Bacteria: Special Reference to the (Absence of) Second Carotenoid in LH2. <i>Photochemistry and Photobiology</i> , 1998, 68, 84-87.	2.5	22
71	Pigment-pigment interactions in thylakoids and LHCII of chlorophyll a/c containing alga <i>Pleurochloris meiringensis</i> : analysis of fluorescence-excitation and triplet-minus-singlet spectra. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1998, 54, 719-726.	3.9	15
72	In Situ Measurement of Excitation Intensity for Fluorescence Excitation Spectroscopy. <i>Spectroscopy Letters</i> , 1998, 31, 147-155.	1.0	5

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73	Comment on "Anisotropy in the transient absorption change of a molecular system with two-dimensionally degenerate transitions". <i>Physical Review A</i> , 1998, 58, 3360-3361.	2.5	5
74	Carotenoid-Induced Electronic Relaxation of the First Excited State of Antenna Chlorophylls. , 1998, , 265-270.		7
75	Assaying the chromophore composition of photosynthetic systems by spectral reconstruction: application to the light-harvesting complex (LHC II) and the total pigment content of higher plants. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1997, 53, 2229-2234.	3.9	26
76	Engineering & Laboratory Notes Measurement of Refractive Indices of Prismatic Materials. <i>Applied Optics</i> , 1996, 35, 6815.	2.1	1
77	The physical (in)significance of Moseley's screening parameter. <i>American Journal of Physics</i> , 1996, 64, 1332-1332.	0.7	0
78	Transport Equation for Calculating Power Spectra of Schrodinger Waves: Application to Exchange-Narrowing and Environmental Isomers. <i>The Journal of Physical Chemistry</i> , 1995, 99, 6199-6207.	2.9	3
79	Transient Ions and Triplet States in Polymers Containing Phenanthrene. <i>The Journal of Physical Chemistry</i> , 1994, 98, 10756-10761.	2.9	4
80	A simple method for prolonging the effective pathlength in laser kinetic spectroscopy. <i>Review of Scientific Instruments</i> , 1994, 65, 2188-2189.	1.3	3
81	Milne's problem for a non-capturing medium: Accurate analytic approximations for particle density and emergent angular distribution. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 1993, 50, 59-64.	2.3	14
82	Historical inaccuracies. <i>Journal of Chemical Education</i> , 1993, 70, 605.	2.3	1
83	Inverted Region in Intermolecular Electronic Energy Transfer. <i>Spectroscopy Letters</i> , 1993, 26, 1761-1769.	1.0	14
84	Evaluation of a squirrel-cage photomultiplier base for time-resolved spectroscopy with low-repetition rate pulses. <i>Review of Scientific Instruments</i> , 1992, 63, 5806-5807.	1.3	7
85	Micro and nanosecond detection of biomolecular dynamics by polarized luminescence. <i>Pure and Applied Chemistry</i> , 1992, 64, 1211-1217.	1.9	6
86	Alternative to the Pomraning-Eddington approach to radiative transfer. <i>Physical Review A</i> , 1992, 46, 4697-4703.	2.5	10
87	Conformation of human fibrinogen in solution from polarized triplet spectroscopy. <i>Biochemistry</i> , 1992, 31, 7580-7586.	2.5	14
88	Differential method in chemical kinetics. <i>The Journal of Physical Chemistry</i> , 1991, 95, 10713-10718.	2.9	11
89	Kinetic and spectroscopic study of triplet state and ionic pathways in the laser-induced photoexcitation of N-ethylcarbazole in fluid solutions. <i>The Journal of Physical Chemistry</i> , 1991, 95, 7588-7594.	2.9	10
90	Variational approach to the Milne problem with a gray boundary. <i>Physical Review A</i> , 1991, 44, 994-998.	2.5	10

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91	Steady-state, one-dimensional Fokker-Planck equation with an absorbing boundary: A half-range treatment. <i>Physical Review A</i> , 1989, 40, 3405-3407.	2.5	5
92	Normal modes-of vibration and relaxation. <i>Journal of Chemical Education</i> , 1989, 66, 703.	2.3	2
93	A Comparison of the Singlet-Singlet and Triplet-Triplet Spectra of Some Typical Symmetrical Cyanine Dyes. <i>Spectroscopy Letters</i> , 1987, 20, 319-330.	1.0	2
94	Exact analytic formula for calculating Franck-Condon factors using the Kratzer potential. <i>Journal of Chemical Physics</i> , 1987, 87, 3563-3568.	3.0	26
95	Derivation of energy expressions in the Rayleigh-Schrödinger perturbation theory. <i>American Journal of Physics</i> , 1987, 55, 269-271.	0.7	1
96	A new look at fluorescence depolarization and the dynamics of anisotropic rotational diffusion. <i>Chemical Physics Letters</i> , 1987, 136, 407-412.	2.6	14
97	Protein structure probed by polarization spectroscopy. <i>Biophysical Chemistry</i> , 1987, 26, 63-70.	2.8	21
98	Milne problem with a grey boundary. <i>Journal of Chemical Physics</i> , 1986, 84, 6394-6400.	3.0	2
99	Fiber Optic Spectrophotometer for Noninvasive Transmission and Diffuse Reflection Studies. <i>Spectroscopy Letters</i> , 1986, 19, 149-165.	1.0	14
100	Putting together a research-grade laser refractometer in a teaching laboratory. <i>American Journal of Physics</i> , 1986, 54, 637-639.	0.7	6
101	Molecular Vibrations as a Variational Problem. <i>Spectroscopy Letters</i> , 1984, 17, 137-143.	1.0	0
102	Thirteen-moment solution of the steady-state Fokker-Planck equation for Brownian motion in a homogeneous medium occupying the region bounded internally by an absorbing sphere. <i>Journal of Colloid and Interface Science</i> , 1984, 98, 103-111.	9.4	9
103	On the rate of absorption of Brownian particles by a black sphere: The connection between the Fokker-Planck equation and the diffusion equation. <i>Journal of Chemical Physics</i> , 1983, 78, 2710-2712.	3.0	20
104	Milne problem for a hard-sphere Rayleigh gas: A study based on the Fokker-Planck equation. <i>Physical Review A</i> , 1983, 28, 1659-1661.	2.5	12
105	Comments on "Polarized photochemistry on bacteriorhodopsin. Dichroism of the early photochemical intermediate K610". <i>The Journal of Physical Chemistry</i> , 1983, 87, 3359-3360.	2.9	0
106	Comment on "Steady, one-dimensional Brownian motion with an absorbing boundary". <i>Journal of Chemical Physics</i> , 1982, 77, 4263-4264.	3.0	1
107	Comment on "Approximate formulas for Franck-Condon factors". <i>Journal of Chemical Physics</i> , 1982, 77, 1613-1614.	3.0	10
108	Reduction of the Fokker-Planck Equation with an Absorbing or Reflecting Boundary to the Diffusion Equation and the Radiation Boundary Condition. <i>Physical Review Letters</i> , 1982, 49, 304-307.	7.8	62

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109	Kinetics of diffusion-mediated bimolecular reactions. A new theoretical framework. The Journal of Physical Chemistry, 1982, 86, 4750-4756.	2.9	10
110	On describing the steady absorption of brownian particles by a restricted random walk. Chemical Physics Letters, 1982, 92, 156-159.	2.6	9
111	Symmetric random walk on a regular lattice with an elastic barrier: diffusion equation and the boundary condition. Chemical Physics Letters, 1982, 92, 160-164.	2.6	11
112	The overlap integrals of two harmonic-oscillator wavefunctions: some remarks on originals and reproductions. Chemical Physics Letters, 1982, 85, 581-584.	2.6	52
113	Spin selection rules concerning intermolecular energy transfer. Energy-transfer studies using doublet-state acceptors. Comments. The Journal of Physical Chemistry, 1981, 85, 2303-2304.	2.9	15
114	Comment on "The reactivity dependence of the recombination probability". Journal of Chemical Physics, 1981, 74, 6535-6537.	3.0	2
115	Photoselection in uniaxial liquid crystals: The advantages of using saturating light pulses for the determination of orientational order. Journal of Chemical Physics, 1981, 74, 2658-2659.	3.0	12
116	THE MECHANISM OF SINGLET-SINGLET EXCITATION ENERGY TRANSFER FROM CAROTENOIDS TO CHLOROPHYLL. Photochemistry and Photobiology, 1980, 31, 523-524.	2.5	74
117	Photoselection in uniaxial liquid crystals: The effect of rotational Brownian motion on measurements of orientational distribution function. Journal of Chemical Physics, 1980, 73, 3019-3020.	3.0	8
118	Diffusion-controlled reaction kinetics. Equivalence of the particle pair approach of Noyes and the concentration gradient approach of Collins and Kimball. The Journal of Physical Chemistry, 1980, 84, 1315-1319.	2.9	40
119	Use of the time evolution operator. American Journal of Physics, 1979, 47, 384-384.	0.7	3
120	Unification of the methods of Onsager and Monchick for calculating the probabilities of various fates in diffusion-controlled reactions, with applications to diffusion in space and in a plane. Journal of Chemical Physics, 1979, 71, 73-80.	3.0	25
121	Concerning some widespread errors in diffusion-controlled reaction kinetics. Chemical Physics Letters, 1979, 67, 205-206.	2.6	3
122	Viscosity dependence of the fluorescence lifetimes of cryptocyanine, pinacyanol and DDI. Chemical Physics Letters, 1979, 63, 128-132.	2.6	21
123	Electronic transitions in the isoalloxazine ring and orientation of flavins in model membranes studied by polarized light spectroscopy. Biochemistry, 1979, 18, 4249-4253.	2.5	49
124	On the role of re-encounters in enhancing the relative yield of excimer fluorescence following triplet-triplet annihilation in liquids. Chemical Physics Letters, 1978, 54, 49-52.	2.6	3
125	On the mechanism of excimer formation in triplet-triplet annihilation. Chemical Physics Letters, 1978, 57, 197-201.	2.6	8
126	A simple, accurate alternative to the minimum-deviation method for the determination of the refractive index of a prism. American Journal of Physics, 1978, 46, 1009-1011.	0.7	7

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127	Comment on "The noncrossing rule and spurious avoided crossings". Physical Review A, 1977, 15, 1807-1809.	2.5	9
128	Magnetic field effects on spin-rephasing in a photochemically produced radical pair investigated by a double-pulse technique using a nitrogen laser. Chemical Physics Letters, 1977, 50, 386-388.	2.6	19
129	Triplet-doublet electronic energy transfer from benzophenone to the ketyl radical: viscosity and magnetic field effects. Chemical Physics Letters, 1977, 49, 160-164.	2.6	29
130	Slow internal conversion between two close lying singlet states in a large molecule: azuleno[5,6,7-cd]phenalene. Chemical Physics Letters, 1977, 46, 473-476.	2.6	13
131	Recent Advances in Instrumentation for the Study of Electronic Emission Spectra. Applied Spectroscopy Reviews, 1976, 12, 131-158.	6.7	4
132	Room temperature fluorescence of the diphenyl ketyl radical. Chemical Physics Letters, 1976, 41, 570-574.	2.6	44
133	The influence of molecular geometry on the fluorescence spectra of biphenyl and the polyphenyls. Chemical Physics Letters, 1975, 34, 285-288.	2.6	66
134	The use of E-type delayed fluorescence for probing rotational relaxation. Chemical Physics Letters, 1975, 36, 222-224.	2.6	7
135	Diffusion-controlled reactions in two-dimensional fluids: discussion of measurements of lateral diffusion of lipids in biological membranes. Chemical Physics Letters, 1974, 28, 280-284.	2.6	109
136	Methods for probing lateral diffusion of membrane components: triplet-triplet annihilation and triplet-triplet energy transfer. Chemical Physics Letters, 1974, 26, 440-444.	2.6	50
137	Triplet Probes: Novel and Powerful Tools for Elucidating the Structure of Biological Membranes. Biochemical Society Transactions, 1974, 2, 960-962.	3.4	3
138	On the long-lived transient absorption observed in nanosecond laser photolysis studies of two polymethine cyanine dyes. Chemical Physics Letters, 1973, 22, 226-229.	2.6	10
139	Measurements of sub-nanosecond lifetimes by means of nanosecond laser pulses. Chemical Physics Letters, 1973, 22, 5-9.	2.6	11
140	A Critique of McClare's Quantum Mechanical Muscle Model. Nature, 1973, 242, 473-473.	27.8	1
141	Spectroscopic Technique for Studying Protein Rotation in Membranes. Nature: New Biology, 1973, 245, 249-251.	4.5	92
142	Instrument for time-resolved phosphorimetry using an electronically gated photomultiplier. Analytical Chemistry, 1973, 45, 1581-1584.	6.5	15
143	On the non-crossing rule for potential energy surfaces of polyatomic molecules. Chemical Physics Letters, 1972, 15, 634-636.	2.6	27
144	The non-crossing rule in molecular quantum mechanics. International Journal of Quantum Chemistry, 1972, 6, 271-279.	2.0	48

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145	Exchange-induced resonance energy transfer. Chemical Physics Letters, 1970, 6, 29-32.	2.6	20
146	On the delayed fluorescence of pyrene in viscous solutions. Chemical Physics Letters, 1970, 5, 288-290.	2.6	4
147	Comment on: "Calculation of phosphorimeter factor - reply to a criticism" Chemical Physics Letters, 1970, 6, 518.	2.6	1
148	Reactions kinetics of phosphorescence and delayed fluorescence: calculation of the phosphorimeter factor and quantum efficiencies. Chemical Physics Letters, 1970, 5, 171-175.	2.6	5
149	Intermolecular quenching of the second excited state of some aromatic molecules. Chemical Physics Letters, 1969, 4, 35-38.	2.6	21
150	Isosbestic points in emission spectra. Chemical Physics Letters, 1968, 2, 374-378.	2.6	22
151	The mechanism of P-type delayed fluorescence from fluid solutions. Chemical Physics Letters, 1968, 1, 561-562.	2.6	13
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