Ryszard Jankowiak

List of Publications by Year
in descending order

125	3,209	159358	197535
papers	citations	30 h-index	49 g-index

128	128	128	2286
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exciton Lifetime Distributions and Population Dynamics in the FMO Protein Complex from Prosthecochloris aestuarii. ACS Omega, 2021, 6, 5990-6008.	1.6	1
2	On wavelength-dependent exciton lifetime distributions in reconstituted CP29 antenna of the photosystem II and its site-directed mutants. Journal of Chemical Physics, 2021, 154, 085101.	1.2	0
3	The structure of a red-shifted photosystem I reveals a red site in the core antenna. Nature Communications, 2020, 11, 5279.	5.8	17
4	On the Red Antenna States of Photosystem I Mutants from Cyanobacteria Synechocystis PCC 6803. Journal of Physical Chemistry B, 2020, 124, 8504-8515.	1.2	11
5	How Well Does the Hole-Burning Action Spectrum Represent the Site-Distribution Function of the Lowest-Energy State in Photosynthetic Pigmentâ€“Protein Complexes?. Journal of Physical Chemistry B, 2019, 123, 6007-6013.	1.2	1
6	On Excitation Energy Transfer within the Baseplate BChl aâ€“CsmA Complex of Chloroflexus aurantiacus. Journal of Physical Chemistry B, 2019, 123, 9786-9791.	1.2	1
7	Influence of Hydrogen Bonds on the Electronâ€“Phonon Coupling Strength/Marker Mode Structure and Charge Separation Rates in Reaction Centers from Rhodobacter sphaeroides. Journal of Physical Chemistry B, 2019, 123, 8717-8726.	1.2	2
8	On uncorrelated inter-monomer FÃ¶rster energy transfer in Fennaâ€“Matthewsâ€“Olson complexes. Journal of the Royal Society Interface, 2019, 16, 20180882.	1.5	4
9	Mixed Upper Exciton State of the Special Pair in Bacterial Reaction Centers. Journal of Physical Chemistry B, 2019, 123, 852-859.	1.2	5
10	Structure-Based Exciton Hamiltonian and Dynamics for the Reconstituted Wild-type CP29 Protein Antenna Complex of the Photosystem II. Journal of Physical Chemistry B, 2018, 122, 4611-4624.	1.2	9
11	Energy landscape of the intact and destabilized FMO antennas from C. tepidum and the L122Q mutant: Low temperature spectroscopy and modeling study. Biochimica Et Biophysica Acta - Bioenergetics, 2018, 1859, 165-173.	0.5	9
12	Excitonic Energy Landscape of the Y16F Mutant of the Chlorobium tepidum Fennaâ€“Matthewsâ€“Olson (FMO) Complex: High Resolution Spectroscopic and Modeling Studies. Journal of Physical Chemistry B, 2018, 122, 3734-3743.	1.2	10
13	Role of Bath Fluctuations in the Double-Excitation Manifold in Shaping the 2DES of Bacterial Reaction Centers at Low Temperature. Journal of Physical Chemistry B, 2018, 122, 1348-1366.	1.2	9
14	Impact of single point mutations on the excitonic structure and dynamics in FMO complex. EPJ Web of Conferences, 2018, 190, 02005.	0.1	1
15	Dichotomous Disorder versus Excitonic Splitting of the B800 Band of Allochromatium vinosum. Journal of Physical Chemistry Letters, 2018, 9, 4125-4129.	2.1	3
16	Impact of Single-Point Mutations on the Excitonic Structure and Dynamics in a Fennaâ€“Matthewsâ€“Olson Complex. Journal of Physical Chemistry Letters, 2018, 9, 3378-3386.	2.1	9
17	Toward an Understanding of the Excitonic Structure of the CP47 Antenna Protein Complex of Photosystem II Revealed via Circularly Polarized Luminescence. Journal of Physical Chemistry B, 2017, 121, 4364-4378.	1.2	10
18	Conformational Complexity in the LH2 Antenna of the Purple Sulfur Bacterium Allochromatium vinosum Revealed by Hole-Burning Spectroscopy. Journal of Physical Chemistry A, 2017, 121, 4435-4446.	1.1	9

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19	On Light-Induced Photoconversion of B800 Bacteriochlorophylls in the LH2 Antenna of the Purple Sulfur Bacterium Allochromatium vinosum. Journal of Physical Chemistry B, 2017, 121, 9999-10006.	1.2	5
20	On the Conflicting Estimations of Pigment Site Energies in Photosynthetic Complexes: A Case Study of the CP47 Complex. Analytical Chemistry Insights, 2016, 11, ACI.S32151.	2.7	13
21	Challenges facing an understanding of the nature of low-energy excited states in photosynthesis. Biochimica Et Biophysica Acta - Bioenergetics, 2016, 1857, 1627-1640.	0.5	74
22	New Insight into the Waterâ€Soluble Chlorophyllâ€Binding Protein from Lepidium virginicum. Photochemistry and Photobiology, 2016, 92, 428-435.	1.3	13
23	Photovoltaics: Plasmonic Enhancement of Biosolar Cells Employing Light Harvesting Complex II Incorporated with Core-Shell Metal@TiO2Nanoparticles (Adv. Mater. Interfaces 15/2016). Advanced Materials Interfaces, 2016, 3, .	1.9	0
24	Mutation-Induced Changes in the Protein Environment and Site Energies in the (M)L214G Mutant of the Rhodobacter sphaeroides Bacterial Reaction Center. Journal of Physical Chemistry B, 2016, 120, 7859-7871.	1.2	6
25	Effect of Spectral Density Shapes on the Excitonic Structure and Dynamics of the Fennaâ€“Matthewsâ€“Olson Trimer from Chlorobaculum tepidum. Journal of Physical Chemistry A, 2016, 120, 6146-6154.	1.1	29
26	Plasmonic Enhancement of Biosolar Cells Employing Light Harvesting Complex II Incorporated with Coreâ€“Shell Metal@TiO₂ Nanoparticles. Advanced Materials Interfaces, 2016, 3, 1600371.	1.9	20
27	Band Structure of the Rhodobacter sphaeroides Photosynthetic Reaction Center from Low-Temperature Absorption and Hole-Burned Spectra. Journal of Physical Chemistry B, 2016, 120, 5601-5616.	1.2	17
28	Comments on the optical lineshape function: Application to transient hole-burned spectra of bacterial reaction centers. Journal of Chemical Physics, 2015, 142, 094111.	1.2	8
29	Does the Singlet Minus Triplet Spectrum with Major Photobleaching Band Near 680â€“682 nm Represent an Intact Reaction Center of Photosystem II?. Journal of Physical Chemistry B, 2015, 119, 448-455.	1.2	5
30	Alternative Excitonic Structure in the Baseplate (BChl aâ€“CsmA Complex) of the Chlorosome from Chlorobaculum tepidum. Journal of Physical Chemistry Letters, 2015, 6, 2702-2707.	2.1	10
31	Critical assessment of the emission spectra of various photosystem II core complexes. Photosynthesis Research, 2015, 124, 253-265.	1.6	15
32	Probing environment fluctuations by two-dimensional electronic spectroscopy of molecular systems at temperatures below 5 K. Journal of Chemical Physics, 2015, 142, 212428.	1.2	19
33	Modeling of fluorescence line-narrowed spectra in weakly coupled dimers in the presence of excitation energy transfer. Journal of Chemical Physics, 2014, 141, 035101.	1.2	2
34	On destabilization of the Fennaâ€“Matthewsâ€“Olson complex of Chlorobaculum tepidum. Photosynthesis Research, 2014, 120, 323-329.	1.6	16
35	On the Controversial Nature of the 825 nm Exciton Band in the FMO Protein Complex. Journal of Physical Chemistry Letters, 2014, 5, 1450-1456.	2.1	14
36	Effect of the LHCII pigmentâ€“protein complex aggregation on photovoltaic properties of sensitized TiO₂ solar cells. Physical Chemistry Chemical Physics, 2014, 16, 20856-20865.	1.3	24

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37	Charge-Transfer Character of the Low-Energy Chl a Q_y Absorption Band in Aggregated Light Harvesting Complexes II. Journal of Physical Chemistry B, 2014, 118, 6086-6091.	1.2	30
38	Modeling of Various Optical Spectra in the Presence of Slow Excitation Energy Transfer in Dimers and Trimers with Weak Interpigment Coupling: FMO as an Example. Journal of Physical Chemistry B, 2014, 118, 2032-2040.	1.2	14
39	Mechanism of Primary Charge Separation in Photosynthetic Reaction Centers. , 2014, , 193-240.		22
40	Fluorescence line-narrowing difference spectra: Dependence of Huangâ€“Rhys factor on excitation wavelength. Chemical Physics Letters, 2013, 576, 15-20.	1.2	5
41	Spectroscopic Study of the Light-Harvesting CP29 Antenna Complex of Photosystem IIâ€”Part I. Journal of Physical Chemistry B, 2013, 117, 6585-6592.	1.2	14
42	Modeling of Optical Spectra of the Light-Harvesting CP29 Antenna Complex of Photosystem IIâ€”Part II. Journal of Physical Chemistry B, 2013, 117, 6593-6602.	1.2	11
43	On the Shape of the Phonon Spectral Density in Photosynthetic Complexes. Journal of Physical Chemistry B, 2013, 117, 7317-7323.	1.2	98
44	Direct Synthesis of Aqueous Quantum Dots through 4,4â€²-Bipyridine-Based Twin Ligand Strategy. Inorganic Chemistry, 2012, 51, 4521-4526.	1.9	6
45	Electron Transfer in Rhodobacter sphaeroides Reaction Centers Containing Zn-Bacteriochlorophylls: A Hole-Burning Study. Journal of Physical Chemistry B, 2012, 116, 3457-3466.	1.2	12
46	Spectral Hole Burning, Recovery, and Thermocycling in Chlorophyllâ€“Protein Complexes: Distributions of Barriers on the Protein Energy Landscape. Journal of Physical Chemistry B, 2012, 116, 11780-11790.	1.2	20
47	Probing Electron-Transfer Times in Photosynthetic Reaction Centers by Hole-Burning Spectroscopy. Journal of Physical Chemistry Letters, 2012, 3, 1684-1694.	2.1	15
48	Primary Electron Donor(s) in Isolated Reaction Center of Photosystem II from Chlamydomonas reinhardtii. Journal of Physical Chemistry B, 2012, 116, 4860-4870.	1.2	17
49	Effects of the Distributions of Energy or Charge Transfer Rates on Spectral Hole Burning in Pigmentâ€“Protein Complexes at Low Temperatures. Journal of Physical Chemistry B, 2011, 115, 15098-15109.	1.2	17
50	Low-Temperature Frequency Domain Study of Excitation Energy Transfer in Ethynyl-Linked Chlorophyll Trefoils and Aggregates. Journal of Physical Chemistry B, 2011, 115, 10391-10399.	1.2	5
51	Spectroscopic Study of the CP43â€² Complex and the PSIâ€“CP43â€² Supercomplex of the Cyanobacterium Synechocystis PCC 6803. Journal of Physical Chemistry B, 2011, 115, 13339-13349.	1.2	33
52	Site Selective and Single Complex Laser-Based Spectroscopies: A Window on Excited State Electronic Structure, Excitation Energy Transfer, and Electronâ€“Phonon Coupling of Selected Photosynthetic Complexes. Chemical Reviews, 2011, 111, 4546-4598.	23.0	138
53	Integrated microfluidic device for the separation and electrochemical detection of catechol estrogen-derived DNA adducts. Analytical and Bioanalytical Chemistry, 2011, 399, 519-524.	1.9	11
54	On stabilization of a neutral aromatic ligand by Ï€â€“cation interactions in monoclonal antibodies. Biophysical Chemistry, 2011, 154, 35-40.	1.5	12

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55	Influence of C-5 substituted cytosine and related nucleoside analogs on the formation of benzo[a]pyrene diol epoxide-dG adducts at CG base pairs of DNA. Nucleic Acids Research, 2011, 39, 3988-4006.	6.5	40
56	Modeling study of non-line-narrowed hole-burned spectra in weakly coupled dimers and multi-chromophoric molecular assemblies. Chemical Physics, 2010, 367, 27-35.	0.9	9
57	Accurate modeling of fluorescence line narrowing difference spectra: Direct measurement of the single-site fluorescence spectrum. Journal of Chemical Physics, 2010, 133, 014506.	1.2	23
58	Low-Temperature Protein Dynamics of the B800 Molecules in the LH2 Light-Harvesting Complex: Spectral Hole Burning Study and Comparison with Single Photosynthetic Complex Spectroscopy. Journal of Physical Chemistry B, 2010, 114, 3426-3438.	1.2	24
59	Lowest Electronic States of the CP47 Antenna Protein Complex of Photosystem II: Simulation of Optical Spectra and Revised Structural Assignments. Journal of Physical Chemistry B, 2010, 114, 11884-11898.	1.2	37
60	Insight into the Electronic Structure of the CP47 Antenna Protein Complex of Photosystem II: Hole Burning and Fluorescence Study. Journal of the American Chemical Society, 2010, 132, 4214-4229.	6.6	39
61	Hyperquenched Glassy Water and Hyperquenched Glassy Ethanol Probed by Single Molecule Spectroscopy. Journal of Physical Chemistry B, 2009, 113, 4303-4313.	1.2	9
62	Analytical formulas for low-fluence non-line-narrowed hole-burned spectra in an excitonically coupled dimer. Journal of Chemical Physics, 2009, 131, 234104.	1.2	10
63	Electrochemically deposited metal nanoparticles for enhancing the performance of microfluidic MEMS in biochemical analysis. International Journal of Nanomanufacturing, 2009, 4, 99.	0.3	209
64	Low-Energy Chlorophyll States in the CP43 Antenna Protein Complex: Simulation of Various Optical Spectra. II. Journal of Physical Chemistry B, 2008, 112, 9934-9947.	1.2	46
65	The CP43 Proximal Antenna Complex of Higher Plant Photosystem II Revisited: Modeling and Hole Burning Study. I. Journal of Physical Chemistry B, 2008, 112, 9921-9933.	1.2	39
66	Fluid Mixing Control Inside a Y-shaped Microchannel by Using Electrokinetic Instability. Journal of Fluid Science and Technology, 2008, 3, 260-273.	0.2	9
67	Fully Integrated Microfluidic Device with Carbon Sensing Electrode. , 2007, , .		0
68	Terrylene in hexadecane revisited: A hole burning study. Journal of Chemical Physics, 2007, 127, 084510.	1.2	9
69	Red Antenna States of Photosystem I from CyanobacteriaSynechocystisPCC 6803 andThermosynechococcus elongatus:Â Single-Complex Spectroscopy and Spectral Hole-Burning Study. Journal of Physical Chemistry B, 2007, 111, 286-292.	1.2	40
70	Spectral Differentiation and Immunoaffinity Capillary Electrophoresis Separation of Enantiomeric Benzo(a)pyrene Diol Epoxide-Derived DNA Adducts. Chemical Research in Toxicology, 2007, 20, 1192-1199.	1.7	9
71	In-channel modification of electrochemical detector for the detection of bio-targets on microchip. Electrochemistry Communications, 2007, 9, 1536-1541.	2.3	13
72	On the energy transfer between quasi-degenerate states with uncorrelated site distribution functions: An application to the CP43 complex of Photosystem II. Journal of Luminescence, 2007, 127, 245-250.	1.5	22

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73	Integrated microfluidic device with an electroplated palladium decoupler for more sensitive amperometric detection of the 8-hydroxy-deoxyguanosine (8-OH-dG) DNA adduct. Analytical and Bioanalytical Chemistry, 2007, 388, 245-252.	1.9	19
74	Frequency-Domain Spectroscopic Study of the PS Iâ^'CP43â€˜ Supercomplex from the CyanobacteriumSynechocystisPCC 6803 Grown under Iron Stress Conditions. Journal of Physical Chemistry B, 2006, 110, 22436-22446.	1.2	15
75	High Resolution Spectral Differentiation of Enantiomers:â€‰ Benzo[a]Pyrene Tetrols Complexed with a Promiscuous Antibody. Journal of the American Chemical Society, 2006, 128, 6409-6413.	6.6	8
76	Potential biomarker for early risk assessment of prostate cancer. Prostate, 2006, 66, 1565-1571.	1.2	48
77	Separation of catecholamines and dopamine-derived DNA adduct using a microfluidic device with electrochemical detection. Sensors and Actuators B: Chemical, 2006, 120, 42-50.	4.0	32
78	Flow-through partial-filling affinity capillary electrophoresis using a crossreactive antibody for enantiomeric separations. Electrophoresis, 2006, 27, 1078-1083.	1.3	11
79	Remembering Gerald J. Small (1941â€“2004), who tackled everything in life with an intense and enviable passion. Photosynthesis Research, 2005, 83, 5-9.	1.6	1
80	Cross-reactivity and conformational multiplicity of an anti-polycyclic aromatic hydrocarbon mAb. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 7453-7458.	3.3	16
81	Identification and Quantification of the Depurinating DNA Adducts Formed in Mouse Skin Treated with Dibenzo[a,l]pyrene (DB[a,l]P) or Its Metabolites and in Rat Mammary Gland Treated with DB[a,l]P. Chemical Research in Toxicology, 2005, 18, 976-983.	1.7	41
82	Novel biosensor chip for simultaneous detection of DNA-carcinogen adducts with low-temperature fluorescence. Biosensors and Bioelectronics, 2004, 19, 547-556.	5.3	57
83	Identification and quantitation of benzo[a]pyrene-derived DNA adducts formed at low adduction level in mice lung tissue. Analytical Biochemistry, 2004, 334, 390-400.	1.1	10
84	Supercoiled DNA Promotes Formation of Intercalated cis-N2-Deoxyguanine Adducts and Base-Stacked trans-N2-Deoxyguanine Adducts by (+)-7R,8S-Dihydrodiol-9S,10R-epoxy-7,8,9,10-tetra-hydrobenzo[a]pyrene. Chemical Research in Toxicology, 2004, 17, 330-339.	1.7	12
85	Role of Fluorescence Line-Narrowing Spectroscopy and Related Luminescence-Based Techniques in the Elucidation of Mechanisms of Tumor Initiation by Polycyclic Aromatic Hydrocarbons and Estrogensâ€. Journal of Physical Chemistry B, 2004, 108, 10266-10283.	1.2	16
86	Probing the Interaction of Benzo[a]pyrene Adducts and Metabolites with Monoclonal Antibodies Using Fluorescence Line-Narrowing Spectroscopy. Analytical Chemistry, 2004, 76, 761-766.	3.2	9
87	The role of organic dispersants in aqueous alumina suspensions. Journal of the European Ceramic Society, 2003, 23, 913-919.	2.8	33
88	Spectroscopic Characterization of the 4-Hydroxy Catechol Estrogen QuinonesDerived GSH and N-Acetylated Cys Conjugates. Chemical Research in Toxicology, 2003, 16, 304-311.	1.7	7
89	On B800â†'B800 energy transfer in the LH2 complex of purple bacteria. Journal of Luminescence, 2002, 98, 123-129.	1.5	19
90	High-Performance Liquid Chromatography Interfaced with Fluorescence Line-Narrowing Spectroscopy for On-Line Analysis. Analytical Chemistry, 2001, 73, 951-956.	3.2	9

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91	Detection and Quantification of Depurinated Benzo[a]pyrene-Adducted DNA Bases in the Urine of Cigarette Smokers and Women Exposed to Household Coal Smoke. Chemical Research in Toxicology, 2001, 14, 192-201.	1.7	70
92	On-line identification of depurinating DNA adducts in human urine by capillary electrophoresis â€" fluorescence line narrowing spectroscopy. Electrophoresis, 2000, 21, 799-806.	1.3	36
93	Fluorescence line-narrowing detection in chromatography and electrophoresis. Electrophoresis, 2000, 21, 1251-1266.	1.3	22
94	Synthesis and structure determination of 6-methylbenzo[a]pyrene-deoxyribonucleoside adducts and their identification and quantitation in vitro and in mouse skin. Chemico-Biological Interactions, 2000, 128, 65-90.	1.7	4
95	Monoclonal Antibodyâ^'Gold Biosensor Chips for Detection of Depurinating Carcinogenâ^'DNA Adducts by Fluorescence Line-Narrowing Spectroscopy. Analytical Chemistry, 2000, 72, 3709-3716.	3.2	47
96	On-line identification of diastereomeric dibenzo[a,l]pyrene diol epoxide-derived deoxyadenosine adducts by capillary electrophoresisâ€"fluorescence line-narrowing and non-line narrowing spectroscopy. Journal of Chromatography A, 1999, 853, 159-170.	1.8	19
97	A Novel Method for the Isolation and Identification of Stable DNA Adducts Formed by Dibenzo[a,l]pyrene and Dibenzo[a,l]pyrene 11,12-Dihydrodiol 13,14-Epoxides in Vitro. Chemical Research in Toxicology, 1999, 12, 796-801.	1.7	19
98	Preparation, Isolation, and Characterization of Dibenzo[a,l]pyrene Diol Epoxideâ^'Deoxyribonucleoside Monophosphate Adducts by HPLC and Fluorescence Line-Narrowing Spectroscopy. Chemical Research in Toxicology, 1999, 12, 789-795.	1.7	26
99	Spectral and Conformational Analysis of Deoxyadenosine Adducts Derived from syn- and anti-Dibenzo[a,l]pyrene Diol Epoxides: Fluorescence Studies. Chemical Research in Toxicology, 1999, 12, 768-777.	1.7	18
100	Structure Elucidation of the Adducts Formed by Fjord Region Dibenzo[a,l]pyrene-11,12-dihydrodiol 13,14-Epoxides with Deoxyguanosine. Chemical Research in Toxicology, 1999, 12, 778-788.	1.7	14
101	Synthesis and Structure Determination of the Adducts Formed by Electrochemical Oxidation of Dibenzo[a,l]pyrene in the Presence of Adenine. Chemical Research in Toxicology, 1999, 12, 749-757.	1.7	28
102	Spectral Characterization of Fluorescently Labeled Catechol Estrogen 3,4-Quinone-Derived N7 Guanine Adducts and Their Identification in Rat Mammary Gland Tissue. Chemical Research in Toxicology, 1998, 11, 1339-1345.	1.7	22
103	Structure, Conformations, and Repair of DNA Adducts from Dibenzo[a,l]pyrene:â€‰ 32P-Postlabeling and Fluorescence Studies. Chemical Research in Toxicology, 1998, 11, 674-685.	1.7	35
104	Conformational Studies of Stereoisomeric Tetrols Derived from syn- and anti-Dibenzo[a,l]pyrene Diol Epoxides. Chemical Research in Toxicology, 1997, 10, 677-686.	1.7	14
105	Determination of Benzo[a]pyreneâ^' and 7,12-Dimethylbenz[a]anthraceneâ^'DNA Adducts Formed in Rat Mammary Glands. Chemical Research in Toxicology, 1997, 10, 941-947.	1.7	46
106	Depurinating and Stable Benzo[a]pyreneâ^'DNA Adducts Formed in Isolated Rat Liver Nuclei. Chemical Research in Toxicology, 1996, 9, 1113-1116.	1.7	41
107	Expanded Analysis of Benzo[a]pyreneâ^'DNA Adducts Formed in Vitro and in Mouse Skin:Â Their Significance in Tumor Initiation. Chemical Research in Toxicology, 1996, 9, 897-903.	1.7	123
108	Conformations of Depurinating Adducts from Dibenzo[a,l]pyrene Diolepoxide. Polycyclic Aromatic Compounds, 1996, 10, 291-298.	1.4	1

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109	Conformational studies of the (+)-trans, (â^')-trans, (+)-cis, and (â^')-cis adducts of anti-benzo[a]pyrene diolepoxide to N2-dG in duplex oligonucleotides using polyacrylamide gel electrophoresis and low-temperature fluorescence spectroscopy. Biophysical Chemistry, 1995, 56, 281-296.	1.5	51
110	Identification and quantitation of 7,12-dimethylbenz[a]anthracene-DNA adducts formed in mouse skin. Chemical Research in Toxicology, 1993, 6, 364-371.	1.7	82
111	Identification and quantitation of benzo[a]pyrene-DNA adducts formed in mouse skin. Chemical Research in Toxicology, 1993, 6, 356-363.	1.7	132
112	Spectral Hole Burning: A Window on Excited State Electronic Structure, Heterogeneity, Electronâ€"Phonon Coupling, and Transport Dynamics of Photosynthetic Units. , 1993, , 133-177.		21
113	Separation and identification of DNA-carcinogen adduct conformers by polyacrylamide gel electrophoresis with laser-induced fluorescence detection. Analytical Chemistry, 1992, 64, 3038-3044.	3.2	9
114	Heterogeneous distributions and dispersive photodissociation rates of benzo[a]pyrene diol-epoxide enantiomer-DNA and -poly (dG-dC) Â· poly (dG-dC) adducts. Biophysical Chemistry, 1992, 42, 133-146.	1.5	4
115	Fluorescence line narrowing: a high-resolution window on DNA and protein damage from chemical carcinogens. Chemical Research in Toxicology, 1991, 4, 256-269.	1.7	88
116	Comparative laser spectroscopic study of DNA and polynucleotide adducts from the (+)-anti-diol epoxide of benzo[a]pyrene. Chemical Research in Toxicology, 1991, 4, 58-69.	1.7	21
117	Effects of detergent on the excited state structure and relaxation dynamics of the photosystem II reaction center: A high resolution hole burning study. Photosynthesis Research, 1991, 27, 19-29.	1.6	52
118	Laser spectroscopic studies of DNA adduct structure types from enantiomeric diol epoxides of benzo[a]pyrene. Chemical Research in Toxicology, 1990, 3, 39-46.	1.7	23
119	Identification and quantitation of 7-(benzo[a]pyren-6-yl)guanine in the urine and feces of rats treated with benzo[a]pyrene. Chemical Research in Toxicology, 1990, 3, 441-444.	1.7	40
120	Fluorescence line-narrowing spectral analysis of in vivo human hemoglobin-benzo[a]pyrene adducts: comparison to synthetic analogs. Journal of the American Chemical Society, 1990, 112, 5866-5869.	6.6	18
121	Structured hole burned spectra of the primary donor state absorption region of Rhodopseudomonas viridis. Chemical Physics, 1989, 131, 99-113.	0.9	33
122	Fluorescence line-narrowing spectroscopy in the study of chemical carcinogenesis. Analytical Chemistry, 1989, 61, 1023A-1032A.	3.2	48
123	Transient and persistent hole burning of the reaction center of photosystem II. The Journal of Physical Chemistry, 1989, 93, 1649-1654.	2.9	112
124	Fluorescence line narrowing spectrometry of nucleoside-polycyclic aromatic hydrocarbon adducts on thin-layer chromatographic plates. Analytical Chemistry, 1988, 60, 2692-2694.	3.2	26
125	Identification of polycyclic aromatic hydrocarbon metabolites and DNA adducts in mixtures using fluorescence line narrowing spectrometry. Analytical Chemistry, 1986, 58, 816-820.	3.2	30