Jacek Waluk

List of Publications by Year
in descending order

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285	7,367	46918	98622
papers	citations	47 h-index	67 g-index

303	303	303	5480
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of bulky substituents on single-molecule SERS sensitivity. Journal of Chemical Physics, 2022, 156, 014201.	1.2	4
2	Solving the Puzzle of Unusual Excited-State Proton Transfer in 2,5-Bis(6-methyl-2-benzoxazolyl)phenol. Journal of Physical Chemistry A, 2022, 126, 1823-1836.	1.1	1
3	Phosphorescence and Photophysical Parameters of Porphycene in Cryogenic Matrices. Photochem, 2022, 2, 217-224.	1.3	0
4	Energy Relaxation of Porphycene in Atomic and Molecular Cryogenic Matrices. Photochem, 2022, 2, 299-307.	1.3	0
5	Scouting for strong lightâ€“matter coupling signatures in Raman spectra. Physical Chemistry Chemical Physics, 2021, 23, 16837-16846.	1.3	14
6	Synthesis and Photostability of Cyclooctatetraene-Substituted Free Base Porphyrins. Chemistry, 2021, 3, 104-115.	0.9	2
7	Controlling Emissive Properties by Intramolecular Hydrogen Bonds: Alkyl and Aryl meso â€Substituted Porphycenes. Chemistry - A European Journal, 2021, 27, 6324-6333.	1.7	8
8	Substituent screening effect on single-molecule photostability: comparison of three differently substituted porphycenes. Methods and Applications in Fluorescence, 2021, 9, 035004.	1.1	2
9	Tailoring Tautomerization of Single Phthalocyanine Molecules through Modification of Chromophore Photophysics by the Purcell Effect of an Optical Microcavity. Journal of Physical Chemistry C, 2021, 125, 14932-14939.	1.5	3
10	Spectral and photophysical modifications of porphyrins attached to coreâ€“shell nanoparticles. Theory and experiment. Methods and Applications in Fluorescence, 2021, 9, 045003.	1.1	3
11	SERS-based sensor for the detection of sexually transmitted pathogens in the male swab specimens: A new approach for clinical diagnosis. Biosensors and Bioelectronics, 2021, 189, 113358.	5.3	17
12	Photoinduced and ground state conversions in a cyclic Î²-thioxoketone. RSC Advances, 2021, 12, 681-689.	1.7	2
13	Influence of local microenvironment on the double hydrogen transfer in porphycene. Physical Chemistry Chemical Physics, 2020, 22, 17117-17128.	1.3	4
14	Magnetic Circular Dichroism of meso-Phenyl-Substituted Pd-Octaethylporphyrins. Journal of Physical Chemistry A, 2020, 124, 8144-8158.	1.1	6
15	Fluorinated Porphycenes: Synthesis, Spectroscopy, Photophysics, and Tautomerism. ChemPlusChem, 2020, 85, 2197-2206.	1.3	5
16	2 + 2 Can Make Nearly a Thousand! Comparison of Di- and Tetra-Meso-Alkyl-Substituted Porphycenes. Journal of Physical Chemistry A, 2020, 124, 4594-4604.	1.1	11
17	Matrix isolation studies of vibrational structure of hemiporphycene. Journal of Molecular Structure, 2020, 1218, 128497.	1.8	0
18	Photoeradication of bacteria with porphycenes: Substituent effects on the efficiency. European Journal of Medicinal Chemistry, 2020, 200, 112472.	2.6	6

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19	Multimode Vibrational Strong Coupling of Methyl Salicylate to a Fabryâ€“PÃ©rot Microcavity. Journal of Physical Chemistry B, 2020, 124, 5709-5716.	1.2	19
20	Towards More Photostable, Brighter, and Less Phototoxic Chromophores: Synthesis and Properties of Porphyrins Functionalized with Cyclooctatetraene. Chemistry - A European Journal, 2020, 26, 16666-16675.	1.7	9
21	Porphycene Protonation: A Fast and Reversible Reaction Enabling Optical Transduction for Acid Sensing. ChemPhotoChem, 2020, 4, 5264-5270.	1.5	4
22	Fluorescence quantum yield determination using simultaneous double-beam absorption measurement. Measurement: Journal of the International Measurement Confederation, 2020, 165, 108159.	2.5	4
23	Triarylisocyanurateâ€Based Fluorescent Twoâ€Photon Absorbers. ChemPlusChem, 2020, 85, 411-425.	1.3	5
24	Nanoplasmonic sensor for foodborne pathogens detection. Towards development of ISOâ€SERS methodology for taxonomic affiliation of Campylobacter spp.. Journal of Biophotonics, 2020, 13, e201960227.	1.1	12
25	Porphycene Films Grown on Highly Oriented Pyrolytic Graphite: Unveiling Structureâ€“Property Relationship through Combined Reflectance Anisotropy Spectroscopy and Atomic Force Microscopy Investigations. Proceedings (mdpi), 2020, 56, 44.	0.2	1
26	Spectrofluorometer: the excitation beam intensity calibration using a single standard solution. Methods and Applications in Fluorescence, 2020, 8, 047001.	1.1	0
27	Frontispiece: Towards More Photostable, Brighter, and Less Phototoxic Chromophores: Synthesis and Properties of Porphyrins Functionalized with Cyclooctatetraene. Chemistry - A European Journal, 2020, 26, .	1.7	0
28	Fluorescence studies of porphycene in various cryogenic environments. Low Temperature Physics, 2019, 45, 656-662.	0.2	2
29	Goodbye to Quinine in Sulfuric Acid Solutions as a Fluorescence Quantum Yield Standard. Analytical Chemistry, 2019, 91, 5389-5394.	3.2	19
30	Photoinduced oxidation of an indole derivative: 2-(1â€²H-indol-2â€²-yl)-[1,5]naphthyridine. Photochemical and Photobiological Sciences, 2019, 18, 2225-2231.	1.6	4
31	Near-Field Spectral Response of Optically Excited Scanning Tunneling Microscope Junctions Probed by Single-Molecule Action Spectroscopy. Journal of Physical Chemistry Letters, 2019, 10, 2068-2074.	2.1	11
32	Antiaromatic or Nonaromatic? 2¹H,6¹H-2,6(2,5)-Dipyrrola-1,5(2,6)-dipyridinacyclooctaphane-3,7-diene: a Porphycene Derivative with 4N Ï€ Electrons. Journal of Physical Chemistry A, 2019, 123, 2727-2733.	1.1	5
33	Nature of Large Temporal Fluctuations of Hydrogen Transfer Rates in Single Molecules. Journal of Physical Chemistry Letters, 2018, 9, 1211-1215.	2.1	20
34	Quantum tunneling in real space: Tautomerization of single porphycene molecules on the (111) surface of Cu, Ag, and Au. Journal of Chemical Physics, 2018, 148, 102330.	1.2	29
35	Combined effect of hydrogen bonding interactions and freezing of rotameric equilibrium on the enhancement of photostability. Physical Chemistry Chemical Physics, 2018, 20, 13306-13315.	1.3	12
36	Two Macrocycles in One Shot: Synthesis, Spectroscopy, Photophysics, and Tautomerism of 23â€Oxahemiporphycene and 21â€Oxacorroleâ€5â€carbaldehyde. Chemistry - A European Journal, 2018, 24, 9884-9891.	1.7	3

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37	Near-Field Enhanced Photochemistry of Single Molecules in a Scanning Tunneling Microscope Junction. Nano Letters, 2018, 18, 152-157.	4.5	32
38	Anharmonicity in a double hydrogen transfer reaction studied in a single porphycene molecule on a Cu(110) surface. Physical Chemistry Chemical Physics, 2018, 20, 12112-12119.	1.3	3
39	Unusual effects in single molecule tautomerization: hemiporphycene. Physical Chemistry Chemical Physics, 2018, 20, 26591-26596.	1.3	5
40	Supersonic jet spectroscopy of parent hemiporphycene: Structural assignment and vibrational analysis for S0 and S1 electronic states. Journal of Chemical Physics, 2018, 149, 134307.	1.2	3
41	Versatile Approach for Reliable Determination of Both High and Low Values of Luminescence Quantum Yields. Analytical Chemistry, 2018, 90, 10139-10143.	3.2	11
42	Spectroscopic and microscopic investigations of tautomerization in porphycenes: condensed phases, supersonic jets, and single molecule studies. Physical Chemistry Chemical Physics, 2017, 19, 4921-4937.	1.3	24
43	Non-typical fluorescence studies of excited and ground state proton and hydrogen transfer. Methods and Applications in Fluorescence, 2017, 5, 014007.	1.1	3
44	New class of easily-synthesisable and modifiable organic materials for applications in luminescent devices. Dyes and Pigments, 2017, 138, 267-277.	2.0	13
45	Plasmon-Mediated Surface Engineering of Silver Nanowires for Surface-Enhanced Raman Scattering. Journal of Physical Chemistry Letters, 2017, 8, 2774-2779.	2.1	38
46	Surface-enhanced Raman spectroscopy introduced into the International Standard Organization (ISO) regulations as an alternative method for detection and identification of pathogens in the food industry. Analytical and Bioanalytical Chemistry, 2017, 409, 1555-1567.	1.9	49
47	Direct Observation of Double Hydrogen Transfer via Quantum Tunneling in a Single Porphycene Molecule on a Ag(110) Surface. Journal of the American Chemical Society, 2017, 139, 12681-12687.	6.6	49
48	SERS-based Immunoassay in a Microfluidic System for the Multiplexed Recognition of Interleukins from Blood Plasma: Towards Picogram Detection. Scientific Reports, 2017, 7, 10656.	1.6	75
49	Antimicrobial photodynamic therapy by means of porphycene photosensitizers. Journal of Photochemistry and Photobiology B: Biology, 2017, 174, 84-89.	1.7	29
50	Improved Method of Fluorescence Quantum Yield Determination. Analytical Chemistry, 2017, 89, 8650-8655.	3.2	38
51	Detection of a weak ring current in a nonaromatic porphyrin nanoring using magnetic circular dichroism. Physical Chemistry Chemical Physics, 2017, 19, 32556-32565.	1.3	8
52	Polymer mat prepared via Forcespinningâ„¢ as a SERS platform for immobilization and detection of bacteria from blood plasma. Materials Science and Engineering C, 2017, 71, 345-350.	3.8	28
53	Spectroscopy and Tautomerization Studies of Porphycenes. Chemical Reviews, 2017, 117, 2447-2480.	23.0	130
54	Resonance Raman spectroscopy study of protonated porphyrin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 173, 350-355.	2.0	14

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55	Linear Dichroism, Instrumentation. , 2017, , 601-603.		0
56	Linear Dichroism, Applications. , 2017, , 595-600.		3
57	Force-induced tautomerization in a single molecule. Nature Chemistry, 2016, 8, 935-940.	6.6	111
58	Detection and identification of human fungal pathogens using surface-enhanced Raman spectroscopy and principal component analysis. Analytical Methods, 2016, 8, 8427-8434.	1.3	47
59	Highly efficient SERS-based detection of cerebrospinal fluid neopterin as a diagnostic marker of bacterial infection. Analytical and Bioanalytical Chemistry, 2016, 408, 4319-4327.	1.9	28
60	Non-classical effects in proton or hydrogen transfer. Pure and Applied Chemistry, 2016, 88, 1063-1071.	0.9	1
61	Parent, Unsubstituted Hemiporphycene: Synthesis and Properties. Chemistry - A European Journal, 2016, 22, 17311-17320.	1.7	20
62	Rapid detection and identification of bacterial meningitis pathogens in ex vivo clinical samples by SERS method and principal component analysis. Analytical Methods, 2016, 8, 4521-4529.	1.3	38
63	Near Infrared Phosphorescent, Nonâ€oxidizable Palladium and Platinum Perfluoroâ€phthalocyanines. ChemPhysChem, 2016, 17, 1123-1135.	1.0	12
64	ABO blood groups' antigenâ€“antibody interactions studied using SERS spectroscopy: towards blood typing. Analytical Methods, 2016, 8, 1463-1472.	1.3	13
65	Structure, NMR and Electronic Spectra of [m.n]Paracyclophanes with Varying Bridges Lengths (m, n = 2â€“4). Journal of Physical Chemistry A, 2016, 120, 724-736.	1.1	10
66	Direct Observation of Photoinduced Tautomerization in Single Molecules at a Metal Surface. Nano Letters, 2016, 16, 1034-1041.	4.5	67
67	Influence of alkyl substituents in corrphycene on geometry, electronic structure, hydrogen bonding, and tautomerization. Journal of Porphyrins and Phthalocyanines, 2016, 20, 367-377.	0.4	5
68	Simulations of fluorescence enhancement and emission profile changes in porphyrin attached to gold-silica coreâ€“shell nanoparticles. Methods and Applications in Fluorescence, 2016, 4, 014002.	1.1	6
69	Single molecule Raman spectra of porphycene isotopologues. Nanoscale, 2016, 8, 3337-3349.	2.8	25
70	Evidence for Dominant Role of Tunneling in Condensed Phases and at High Temperatures: Double Hydrogen Transfer in Porphycenes. Journal of Physical Chemistry Letters, 2016, 7, 283-288.	2.1	43
71	ZnO oxide films for ultrasensitive, rapid, and label-free detection of neopterin by surface-enhanced Raman spectroscopy. Analyst, The, 2015, 140, 5090-5098.	1.7	12
72	Tailored gold nanostructure arrays as catalysts for oxygen reduction in alkaline media and a single molecule SERS platform. Nanoscale, 2015, 7, 10767-10774.	2.8	15

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73	Hot Carrier-Induced Tautomerization within a Single Porphycene Molecule on Cu(111). ACS Nano, 2015, 9, 7287-7295.	7.3	72
74	Solvent-Controlled Excited State Relaxation Path of 4-Acetyl-4â€²-(dimethylamino)biphenyl. Journal of Physical Chemistry B, 2015, 119, 7294-7307.	1.2	5
75	Solvent-Induced Changes in Photophysics and Photostability of Indole-Naphthyridines. Journal of Physical Chemistry B, 2015, 119, 7283-7293.	1.2	13
76	Tautomerism in Porphycenes: Analysis of Rate-Affecting Factors. Journal of Physical Chemistry B, 2015, 119, 2292-2301.	1.2	40
77	In Search for the Best Environment for Single Molecule Studies: Photostability of Single Terrylenediimide Molecules in Various Polymer Matrices. Journal of Physical Chemistry Letters, 2015, 6, 2477-2482.	2.1	14
78	Detection of Hepatitis B virus antigen from human blood: SERS immunoassay in a microfluidic system. Biosensors and Bioelectronics, 2015, 66, 461-467.	5.3	132
79	Substituent and Solvent Effects on the Excited State Deactivation Channels in Anils and Boranils. Chemistry - A European Journal, 2015, 21, 1312-1327.	1.7	45
80	Towards improved precision in the quantification of surface-enhanced Raman scattering (SERS) enhancement factors: a renewed approach. Analyst, The, 2015, 140, 489-496.	1.7	13
81	Spectroscopic Study of Jet-Cooled Deuterated Porphycenes: Unusual Isotopic Effects on Proton Tunneling. Journal of Physical Chemistry B, 2015, 119, 2193-2203.	1.2	28
82	Electrochemical pathway for the quantification of SERS enhancement factor. Electrochemistry Communications, 2014, 49, 103-106.	2.3	5
83	Enhancing fluorescence by using pluronic block copolymers as carriers of monomeric porphycenes. Methods and Applications in Fluorescence, 2014, 2, 024003.	1.1	6
84	Controlling intramolecular hydrogen transfer in a porphycene molecule with single atoms or molecules located nearby. Nature Chemistry, 2014, 6, 41-46.	6.6	204
85	Resonance Raman and FTIR spectra of Mg-porphyrazines. Journal of Molecular Structure, 2014, 1058, 197-204.	1.8	4
86	Michael Kasha: From Photochemistry and Flowers to Spectroscopy and Music. Angewandte Chemie - International Edition, 2014, 53, 14316-14324.	7.2	30
87	Arresting consecutive steps of a photochromic reaction: studies of Î²-thioxoketones combining laser photolysis with NMR detection. Physical Chemistry Chemical Physics, 2014, 16, 9128-9137.	1.3	11
88	Electrospun polymer mat as a SERS platform for the immobilization and detection of bacteria from fluids. Analyst, The, 2014, 139, 5061-5064.	1.7	41
89	A new algorithm for identification of components in a mixture: application to Raman spectra of solid amino acids. Analyst, The, 2014, 139, 5755-5764.	1.7	3
90	Synthesis, spectroscopy, and photophysics of porphyrins attached to gold nanoparticles via one or two linkers. Journal of Porphyrins and Phthalocyanines, 2014, 18, 686-697.	0.4	3

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91	Structure, Electronic States, and Anion-Binding Properties of Cyclo[4]naphthobipyrroles. Journal of Physical Chemistry A, 2014, 118, 1038-1046.	1.1	14
92	Nanostructured silverâ€“gold bimetallic SERS substrates for selective identification of bacteria in human blood. Analyst, The, 2014, 139, 1037.	1.7	110
93	Raman Spectra of Solid Amino Acids: Spectral Correlation Analysis as the First Step Towards Identification by Raman Spectroscopy. Challenges and Advances in Computational Chemistry and Physics, 2014, , 329-354.	0.6	5
94	7-Hydroxyquinoline-8-carbaldehydes. 1. Ground- and Excited-State Long-Range Prototropic Tautomerization. Journal of Physical Chemistry A, 2013, 117, 9127-9146.	1.1	31
95	7-Hydroxyquinoline-8-carbaldehydes. 2. Prototropic Equilibria. Journal of Physical Chemistry A, 2013, 117, 9147-9155.	1.1	11
96	Arresting Tautomerization in a Single Molecule by the Surrounding Polymer: 2,7,12,17-Tetraphenyl Porphycene. Journal of Physical Chemistry Letters, 2013, 4, 3967-3971.	2.1	25
97	Thermally and Vibrationally Induced Tautomerization of Single Porphycene Molecules on a Cu(110) Surface. Physical Review Letters, 2013, 111, 246101.	2.9	93
98	Double Hydrogen Transfer in Low Symmetry Porphycenes. Zeitschrift Fur Physikalische Chemie, 2013, 227, 1009-1020.	1.4	7
99	Vibrations of porphycene in the S and S1 electronic states: Single vibronic level dispersed fluorescence study in a supersonic jet. Journal of Chemical Physics, 2013, 138, 174201.	1.2	25
100	Spectroscopy and Photophysics of Bifunctional Proton Donorâ€“Acceptor Indole Derivatives. Journal of Physical Chemistry A, 2013, 117, 4898-4906.	1.1	3
101	Polymorphism, Hydrogen Bond Properties, and Vibrational Structure of 1H-Pyrrolo[3,2-h]Quinoline Dimers. Journal of Atomic, Molecular, and Optical Physics, 2012, 2012, 1-11.	0.5	3
102	Porphycenes. , 2012, , 809-829.		1
103	Vibrations and hydrogen bonding in porphycene. Physical Chemistry Chemical Physics, 2012, 14, 5489.	1.3	41
104	1H-Pyrrolo[3,2-h]quinoline: A Benchmark Molecule for Reliable Calculations of Vibrational Frequencies, IR Intensities, and Raman Activities. Journal of Physical Chemistry A, 2012, 116, 11973-11986.	1.1	13
105	Tautomerization in 2,7,12,17â€Tetraphenylporphycene and 9â€Aminoâ€2,7,12,17â€tetraphenylporphycene: Influence of Asymmetry on the Direction of the Transition Moment. Chemistry - A European Journal, 2012, 18, 13160-13167.	1.7	23
106	Three Modes of Proton Transfer in One Chromophore: Photoinduced Tautomerization in 2â€(1Hâ€Pyrazolâ€5â€yl)Pyridines, Their Dimers and Alcohol Complexes. ChemPhysChem, 2012, 13, 3661-3671.	1.0	25
107	Electronic states of cyclophanes with small bridges. Journal of Chemical Physics, 2012, 136, 074201.	1.2	8
108	The long and winding road to new porphycenes. Journal of Porphyrins and Phthalocyanines, 2012, 16, 589-602.	0.4	28

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109	The dynamics and origin of the unrelaxed fluorescence of free-base tetraphenylporphyrin. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 234, 100-106.	2.0	23
110	Highly reproducible, stable and multiply regenerated surface-enhanced Raman scattering substrate for biomedical applications. Journal of Materials Chemistry, 2011, 21, 8662.	6.7	65
111	Excited-State Proton Transfer in syn-2-(2â€²-Pyridyl)pyrrole Occurs on the Nanosecond Time Scale in the Gas Phase. Journal of Physical Chemistry Letters, 2011, 2, 2114-2117.	2.1	10
112	1,4-Bis(1,3-dioxo-2-indenylidene)cyclohexane: polymorphism, gas phase oxidation and enol form mediated radical formation in the solid state. CrystEngComm, 2011, 13, 3170-3174.	1.3	4
113	Photoluminescence Properties of Porous Silicon with CdSe/ZnS Quantum Dots. Medziagotyra, 2011, 17, .	0.1	0
114	Ground and Excited State Double Hydrogen Transfer in Symmetric and Asymmetric Potentials: Comparison of 2,7,12,17â€Tetraâ€nâ€propylporphycene with 9â€Acetoxyâ€2,7,12,17â€tetraâ€nâ€propylporphycene. Chemistry - A European Journal, 2011, 17, 3672-3678.	1.7	32
115	Bridging the Gap between Porphyrins and Porphycenes: SubstituentâEPositionâESensitive Tautomerism and Photophysics in mesoâ€Diphenyloctaethylporphyrins. Chemistry - A European Journal, 2011, 17, 10039-10049.	1.7	18
116	Structure, vibrations, and hydrogen bond parameters of dibenzotetraaza[14]annulene. Journal of Molecular Structure, 2010, 976, 215-225.	1.8	10
117	SERS Active Surface Based on Auâ€Coated Porous GaN. , 2010, , .		1
118	On the origin of fluorescence quenching of pyridylindoles by hydroxylic solvents. Photochemical and Photobiological Sciences, 2010, 9, 923-930.	1.6	20
119	Unusual, Solvent Viscosity-Controlled Tautomerism and Photophysics: Meso-Alkylated Porphycenes. Journal of the American Chemical Society, 2010, 132, 13472-13485.	6.6	63
120	Carâ€™Parrinello Molecular Dynamics Study of the Intramolecular Vibrational Mode-Sensitive Double Proton-Transfer Mechanisms in Porphycene. Journal of Physical Chemistry A, 2010, 114, 2313-2318.	1.1	28
121	Structure and Hydrogen-Bond Vibrations of Water Complexes of Azaaromatic Compounds: 7-(3â€²-Pyridyl)indole. Journal of Physical Chemistry A, 2010, 114, 3270-3279.	1.1	16
122	Partitioning and Localization of Environment-Sensitive 2-(2â€²-Pyridyl)- and 2-(2â€²-Pyrimidyl)-Indoles in Lipid Membranes: A Joint Refinement Using Fluorescence Measurements and Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2010, 114, 13574-13584.	1.2	36
123	From the Gas Phase to a Lipid Membrane Environment: DFT and MD Simulations of Structure and Dynamics of Hydrogen-Bonded Solvates of Bifunctional Heteroazaaromatic Compounds. Challenges and Advances in Computational Chemistry and Physics, 2010, , 35-75.	0.6	2
124	Groundâ€•and Excitedâ€State Tautomerization Rates in Porphycenes. Chemistry - A European Journal, 2009, 15, 4851-4856.	1.7	60
125	Modeâ€Selective Promotion and Isotope Effects of Concerted Doubleâ€Hydrogen Tunneling in Porphycene Embedded in Superfluid Helium Nanodroplets. ChemPhysChem, 2009, 10, 761-765.	1.0	50
126	On the Origin of Radiationless Transitions in Porphycenes. Journal of Physical Chemistry A, 2009, 113, 7714-7716.	1.1	40

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127	Tautomerization in Condensed Phases and in Isolated Molecules. Israel Journal of Chemistry, 2009, 49, 175-185.	1.0	6
128	Polarized Spectroscopy Studies of Single Molecules of Porphycenes: Tautomerism and Orientation. Journal of Physical Chemistry C, 2009, 113, 11514-11519.	1.5	45
129	Proton transfer with a twist? Femtosecond Dynamics of 7â€(2â€pyridyl)indole in Condensed Phase and in Supersonic Jets. Angewandte Chemie - International Edition, 2008, 47, 6037-6040.	7.2	54
130	Distribution and favorable binding sites of pyrroloquinoline and its analogues in a lipid bilayer studied by molecular dynamics simulations. Biophysical Chemistry, 2008, 136, 128-135.	1.5	20
131	Electronic and Vibrational Relaxation of Porphycene in Solution. Journal of Physical Chemistry A, 2008, 112, 10753-10757.	1.1	19
132	Separation of Different Hydrogen-Bonded Clusters by Femtosecond UV-Ionization-Detected Infrared Spectroscopy:â€‰ 1H-Pyrrolo[3,2-h]quinolineÂ·(H2O)n=1,2 Complexes. Journal of Physical Chemistry A, 2008, 112, 1150-1156.	1.1	35
133	Unusually Slow Intermolecular Proton-Deuteron Exchange in Porphycene. Zeitschrift Fur Physikalische Chemie, 2008, 222, 1165-1173.	1.4	26
134	Efficient synthesis of porphycene. Journal of Porphyrins and Phthalocyanines, 2007, 11, 596-600.	0.4	31
135	Matrix isolation spectroscopy and molecular dynamics simulations for 2,7,12,17-tetra-tert-butylporphycene in argon and xenon. Journal of Chemical Physics, 2007, 127, 134501.	1.2	4
136	Mode-Selective Excited-State Proton Transfer in 2-(2â€˜-Pyridyl)pyrrole Isolated in a Supersonic Jet. Journal of the American Chemical Society, 2007, 129, 2738-2739.	6.6	61
137	Fluorescence quenching in cyclic hydrogen-bonded complexes of 1H-pyrrolo[3,2-h]quinoline with methanol: cluster size effect. Physical Chemistry Chemical Physics, 2007, 9, 3276.	1.3	34
138	Vibrational Gating of Double Hydrogen Tunneling in Porphycene. Journal of the American Chemical Society, 2007, 129, 1335-1341.	6.6	82
139	Structure and Photophysics of 2-(2â€˜-Pyridyl)benzindoles:â€‰ The Role of Intermolecular Hydrogen Bonds. Journal of Physical Chemistry A, 2007, 111, 11400-11409.	1.1	22
140	Monothiodibenzoylmethane: Structural and vibrational assignments. Vibrational Spectroscopy, 2007, 43, 53-63.	1.2	12
141	Ground and excited state vibrations of 2-(2â€²-pyridyl)pyrrole. Journal of Molecular Structure, 2007, 844-845, 286-299.	1.8	9
142	Photochromism in p-methylbenzoylthioacetone and related Î²-thioxoketones. Chemical Physics, 2007, 338, 11-22.	0.9	10
143	Conformation-Dependent Photophysics of Bifunctional Hydrogen Bond Donor/Acceptor Molecules. Acta Physica Polonica A, 2007, 112, S-105-S-120.	0.2	11
144	Evidence for Two Forms, Double Hydrogen Tunneling, and Proximity of Excited States in Bridge-Substituted Porphycenes:Â Supersonic Jet Studies. Journal of the American Chemical Society, 2006, 128, 2577-2586.	6.6	61

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145	Excited-State Proton Transfer through Water Bridges and Structure of Hydrogen-Bonded Complexes in 1H-Pyrrolo[3,2-h]quinoline:â€‰Adiabatic Time-Dependent Density Functional Theory Study. Journal of Physical Chemistry A, 2006, 110, 11958-11967.	1.1	74
146	Detection and Structural Characterization of Clusters with Ultrashort-Lived Electronically Excited States:Â IR Absorption Detected by Femtosecond Multiphoton Ionization. Journal of the American Chemical Society, 2006, 128, 10000-10001.	6.6	42
147	Ground- and Excited-State Tautomerism in Porphycenes. Accounts of Chemical Research, 2006, 39, 945-952.	7.6	103
148	Inverted Sapphyrin:Â A New Family of Doubly N-Confused Expanded Porphyrins. Journal of the American Chemical Society, 2006, 128, 12640-12641.	6.6	73
149	Ultrafast dynamics of alkyl-substituted porphycenes in solution. Chemical Physics Letters, 2006, 422, 142-146.	1.2	15
150	Excited state proton transfer in 2,9-(di-2â€²-pyridyl)-4,7-di(t-butyl)carbazole. Chemical Physics Letters, 2006, 423, 288-292.	1.2	13
151	From Bifunctional Nucleophilic Behavior of DBU to a New Heterocyclic Fluorescent Platform. Organic Letters, 2006, 8, 4747-4750.	2.4	26
152	Photochromism and polarization spectroscopy of p-methyl(thiobenzoyl)acetone. Chemical Physics, 2006, 328, 205-215.	0.9	9
153	Energy relaxation paths in matrix-isolated excited molecules: Comparison of porphycene with dibenzoporphycenes. Chemical Physics Letters, 2005, 416, 128-132.	1.2	17
154	Electronic Structure, Spectra, and Magnetic Circular Dichroism of Cyclohexa-, Cyclohepta-, and Cyclooctapyrrole. Chemistry - A European Journal, 2005, 11, 4179-4184.	1.7	35
155	ELECTRONIC STATES OF ANTHANTHRENE. LINEAR AND MAGNETIC CIRCULAR DICHROISM, FLUORESCENCE ANISOTROPY, AND QUANTUM CHEMICAL CALCULATIONS. Polycyclic Aromatic Compounds, 2005, 25, 23-45.	1.4	7
156	Molecular dynamics simulations of matrix deposition. III. Site structure analysis for porphycene in argon and xenon. Journal of Chemical Physics, 2005, 123, 064706.	1.2	11
157	Vibrational spectroscopy of hydroxy-heterobiaryls. IR-active modes of [2,2â€²-bipyridyl]-3,3â€²-diol. Photochemical and Photobiological Sciences, 2005, 4, 143-148.	1.6	5
158	Imaging of Tautomerism in a Single Molecule. Journal of the American Chemical Society, 2005, 127, 5302-5303.	6.6	74
159	Molecular dynamics and density functional theory simulations of matrix deposition. II. Absolute site structure assignment for porphyrin in xenon. Journal of Chemical Physics, 2004, 121, 12017-12025.	1.2	8
160	Thioacetylacetone: Structural and Vibrational Assignments. ChemPhysChem, 2004, 5, 495-502.	1.0	21
161	Hydrogen-Bonding-Induced Phenomena in Bifunctional Heteroazaaromatics. ChemInform, 2004, 35, no.	0.1	0
162	Time-resolved fluorescence studies of porphycene isolated in low-temperature gas matrices. Chemical Physics Letters, 2004, 394, 410-414.	1.2	11

#	Article	IF	Citations
163	Intra- and intermolecular fluorescence quenching in 7-(pyridyl)indoles. Chemical Physics Letters, 2004, 400, 379-383.	1.2	42
164	Conformational equilibria and photoinduced tautomerization in 2-(2â€²-pyridyl)pyrrole. Chemical Physics Letters, 2004, 400, 279-285.	1.2	33
165	From purely organic to metallo-organic chiral magnetic materials. Polyhedron, 2003, 22, 2349-2354.	1.0	23
166	Molecular dynamics simulations of matrix deposition. I. Site structure analysis for porphyrin in argon and xenon. Journal of Chemical Physics, 2003, 119, 7318-7327.	1.2	15
167	Hydrogen-Bonding-Induced Phenomena in Bifunctional Heteroazaaromatics. Accounts of Chemical Research, 2003, 36, 832-838.	7.6	185
168	Electronic spectroscopy and photophysics of 2-(N-methyl-N-isopropylamino)-5-cyanopyridine and related compoundsDedicated to Professor Dr Z. R. Grabowski and Professor Dr J. Wirz on the occasions of their 75th and 60th birthdays.. Physical Chemistry Chemical Physics, 2003, 5, 1027-1031.	1.3	12
169	Excited states of 4-dimethylaminopyridines: Magnetic circular dichroism and computational studies. Photochemical and Photobiological Sciences, 2003, 2, 187-194.	1.6	16
170	Determination of triplet formation efficiency from kinetic profiles of the ground state recoveryDedicated to Professor Jean Kossanyi on the occasion of his 70th birthday.. Photochemical and Photobiological Sciences, 2003, 2, 267.	1.6	20
171	Kinetic description of dioxygen binding to human hemoglobin on the 1-100 ns time scale. , 2002, 4749, 355.		0
172	Magnetic Circular Dichroism of Octaethylcorrphycene and Its Doubly Protonated and Deprotonated Forms. Journal of Physical Chemistry A, 2002, 106, 8139-8145.	1.1	24
173	An Experimental Test of Câ^'N Bond Twisting in the TICT State: Synâ^'Anti Photoisomerization in 2-(N-Methyl-N-isopropylamino)-5-cyanopyridine. Journal of the American Chemical Society, 2002, 124, 2406-2407.	6.6	76
174	High-Resolution Spectroscopic Study of Matrix-Isolated Reactive Intermediates:Â Vibrational Assignments for 3-Fluoro-o-Benzyne and Perfluoro-o-Benzyneâ^‡. Journal of Physical Chemistry A, 2002, 106, 6730-6737.	1.1	6
175	Fluorescence Quenching by Pyridine and Derivatives Induced by Intermolecular Hydrogen Bonding to Pyrrole-Containing Heteroaromaticsâ€. Journal of Physical Chemistry A, 2002, 106, 2158-2163.	1.1	58
176	Intramolecular charge-transfer properties of a molecule with a large donor group: the case of 4â€²-(pyren-1-yl)benzonitrile. Physical Chemistry Chemical Physics, 2002, 4, 4334-4339.	1.3	22
177	Metal Complexes of Porphycene, Corrphycene, and Hemiporphycene: Stability and Coordination Chemistry. Chemistry - A European Journal, 2002, 8, 3485.	1.7	69
178	Magnetic Circular Dichroism of 5,10,15,20-Tetraphenylsapphyrin. ChemPhysChem, 2002, 3, 849-855.	1.0	8
179	In search for phototautomerization in solid dipyrido[2,3-a:3â€²,2â€²-i]carbazole. Journal of Photochemistry and Photobiology A: Chemistry, 2002, 154, 61-68.	2.0	12
180	Magnetic circular dichroism of neutral and ionic forms of octaethylhemiporphycene. Chemical Physics, 2002, 282, 37-49.	0.9	18

#	Article	IF	Citations
181	Photoinduced double proton transfer in water complexes of 1H-pyrrolo[3,2-h]quinoline and dipyrido[2,3-a:3â€²,2â€²-i]carbazole. Chemical Physics Letters, 2002, 366, 329-335.	1.2	22
182	Electronic states of the phenoxyl radical. Journal of Chemical Physics, 2001, 115, 9733-9738.	1.2	82
183	Vibrations of the Phenoxyl Radical. Journal of the American Chemical Society, 2001, 123, 11253-11261.	6.6	75
184	Raman Spectrum of the Phenyl Radical. Journal of Physical Chemistry A, 2001, 105, 10520-10524.	1.1	28
185	Electronic States of a Novel Smaragdyrin Isomer:â€‰ Polarized Spectroscopy and Theoretical Studies. Journal of Physical Chemistry A, 2001, 105, 4992-4999.	1.1	13
186	The structure of the phototransformation product of monothiodibenzoylmethane. Chemical Physics Letters, 2001, 350, 502-508.	1.2	24
187	Vibrations of nitrous oxide: Matrix isolation Fourier transform infrared spectroscopy of twelve N2O isotopomers. Journal of Chemical Physics, 2001, 115, 1757-1764.	1.2	57
188	Tetrazete (N4). Can it be prepared and observed?. Chemical Physics Letters, 2000, 328, 227-233.	1.2	59
189	Electronic states of diphenyl- and dipyridyl-s-tetrazines: linear and magnetic circular dichroism, and quantum chemical calculations. Chemical Physics, 2000, 254, 135-149.	0.9	21
190	Ground and excited state tautomerization in 9-acetoxy-2,7,12,17-tetra-n-propylporphycene. Chemical Physics Letters, 2000, 323, 534-541.	1.2	31
191	Relaxation in excited states of porphycene in low-temperature argon and nitrogen matrices. Chemical Physics Letters, 2000, 318, 79-84.	1.2	12
192	Title is missing!. Journal of Fluorescence, 2000, 10, 41-48.	1.3	13
193	Molecular Dynamics and DFT Studies of Intermolecular Hydrogen Bonds between Bifunctional Heteroazaaromatic Molecules and Hydroxylic Solvents. Journal of Physical Chemistry A, 2000, 104, 9542-9555.	1.1	55
194	Solvent-Inducedsynâ^'antiRotamerization of 2-(2â€˜-Pyridyl)indole and the Structure of its Alcohol Complexes. Journal of the American Chemical Society, 2000, 122, 2818-2827.	6.6	64
195	(Sub)picosecond Fluorescence Upconversion Studies of Intermolecular Proton Transfer of Dipyrido[2,3-a:3â€˜,2â€˜-i]carbazole and Related Compounds. Journal of Physical Chemistry A, 2000, 104, 7167-7175.	1.1	47
196	Electronic transition moment directions in indoloindoles: the use of orientation amplifiers. Journal of Molecular Structure, 1999, 475, 141-151.	1.8	6
197	The Electronic Structure of Carcinogenic Dibenzopyrenes: Linear Dichroism, Fluorescence Polarization Spectroscopy and Quantum Mechanical Calculations. Photochemistry and Photobiology, 1999, 69, 158-166.	1.3	4
198	Linear Dichroism, Applications*. , 1999, , 1340-1345.		0

#	Article	IF	Citations
199	Spectroscopy and Photophysics of a Highly Nonplanar Expanded Porphyrin: 4,9,13,18,22,27-Hexaethyl-5,8,14,17,23,26-hexamethyl-2,11,20-triphenylrosarin. Chemistry - A European Journal, 1999, 5, 3039-3045.	1.7	27
200	Photoinduced Double Proton Transfer: Interâ€•and Intramolecular Cases. Israel Journal of Chemistry, 1999, 39, 309-318.	1.0	40
201	Role of Ground State Structure in Photoinduced Tautomerization in Bifunctional Proton Donorâ^'Acceptor Molecules:Â 1H-Pyrrolo[3,2-h]quinoline and Related Compounds. Journal of the American Chemical Society, 1999, 121, 11179-11188.	6.6	60
202	Light-Induced Tautomerization in Porphyrin Isomers. Acta Physica Polonica A, 1999, 95, 49-62.	0.2	5
203	Linear Dichroism, Instrumentation*. , 1999, , 1346-1348.		0
204	Excited-state intramolecular proton transfer in anthralin.. Chemical Physics Letters, 1998, 291, 51-56.	1.2	23
205	Proton tunnelling in porphycene seeded in a supersonic jet. Chemical Physics Letters, 1998, 296, 549-556.	1.2	65
206	Diversity of excited state deactivation paths in heteroazaaromatics with multiple intermolecular hydrogen bonds. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1998, 102, 469-475.	0.9	19
207	Vibrational spectroscopy of hydroxy-heterobiaryls. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1998, 54, 1291-1305.	2.0	9
208	Spectroscopy and Photophysics of Tetraalkyldibenzoporphycenes. Journal of Physical Chemistry A, 1998, 102, 4966-4971.	1.1	37
209	Electronic Spectra of Porphycenes in Rare Gas and Nitrogen Matrices. Journal of Physical Chemistry A, 1998, 102, 9999-10006.	1.1	37
210	Compact multifunctional spectrofluorimeter with a novel design for anisotropy measurements. Review of Scientific Instruments, 1998, 69, 2242-2245.	0.6	10
211	Intermolecular Excited State Double Proton Transfer in Dipyridocarbazole:Alcohol Complexes. Journal of Physical Chemistry A, 1997, 101, 5839-5845.	1.1	50
212	Photophysics of trans-stilbene analogues: Indolo[3,2-b]indole and its heterosubstituted sulfur and selenium derivatives. Chemical Physics, 1997, 216, 179-192.	0.9	18
213	Stilbene-like molecules: sulfur- and selenium-heterosubstituted indolo[3,2-b]indoles. Journal of Photochemistry and Photobiology A: Chemistry, 1997, 105, 149-152.	2.0	5
214	Luminescence anisotropy and linear dichroism studies of large polycyclic aromatic hydrocarbons based on the perylene chromophore. Journal of Luminescence, 1997, 72-74, 517-519.	1.5	3
215	Vibrational spectroscopy of hydroxy-heterobiaryls. Low frequency modes of 2-(2-hydroxyphenyl)-3-pyridynol. Journal of Molecular Structure, 1997, 408-409, 363-366.	1.8	0
216	Matrix-isolated products of cyanoacetylene dissociation. Journal of Molecular Structure, 1997, 408-409, 473-476.	1.8	30

#	Article	IF	Citations
217	Electronic transition moment directions and tautomerization of 9,10,19,20-tetra-n-propylporphycene. Chemical Physics Letters, 1997, 271, 341-348.	1.2	13
218	Electronic spectra and symmetry of metalloporphyrins in low-temperature rare gas and nitrogen matrices. Chemical Physics Letters, 1997, 272, 405-411.	1.2	25
219	Solvent-Controlled Excited State Behavior:â€‰ 2-(2â€˜-Pyridyl)indoles in Alcohols. Journal of the American Chemical Society, 1996, 118, 3508-3518.	6.6	116
220	Exciton coupling in various substituted aryl-phthalimide bichromophoric systems. Tetrahedron, 1996, 52, 13201-13214.	1.0	17
221	Determination of Structure of Nonplanar Polycyclic Aromatic Hydrocarbons by Polarized Spectroscopy. Polycyclic Aromatic Compounds, 1996, 9, 283-290.	1.4	4
222	Proton and electron transfer in hydrogen-bonded systems. Journal of Molecular Liquids, 1995, 64, 49-56.	2.3	8
223	Electronic states of symmetrically disubstituted s-tetrazines. Chemical Physics, 1995, 200, 201-213.	0.9	31
224	Electronic and vibrational spectroscopy of phototautomerizing heteroazaaromatics with intramolecular hydrogen bonds. Journal of Molecular Structure, 1995, 349, 277-280.	1.8	4
225	Polarized Infrared Spectra of Photooriented Matrix-Isolated Free-Base Porphyrin Isotopomers. The Journal of Physical Chemistry, 1995, 99, 14254-14260.	2.9	41
226	Electronic States and Structure of Dibenzo[j,lm]-phenanthro[5,4,3-abcd]perylene. Acta Physica Polonica A, 1995, 88, 295-304.	0.2	6
227	Spectroscopy and Photophysics of 3'-[p-(dimethylamino)phenyl]spiro-[fluorene-9,4'-oxazolidine]-2',5'-dione. Acta Physica Polonica A, 1995, 88, 445-454.	0.2	7
228	Distance Dependence of Excited-State Double Proton Transfer in Porphycenes Studied by Fluorescence Polarization. The Journal of Physical Chemistry, 1994, 98, 4530-4535.	2.9	50
229	Excited charge transfer states in 4-aminopyrimidines, 4-(dimethylanilino)pyrimidine and 4-(dimethylamino)pyridne. Chemical Physics, 1994, 188, 247-265.	0.9	73
230	The molecular and electronic structure of dibenzo[g,p]chrysene: A twisted case. Theoretica Chimica Acta, 1994, 89, 301-309.	0.9	10
231	Excited state tautomerization in porphycenes studied by polarized spectroscopy. Journal of Luminescence, 1994, 60-61, 867-869.	1.5	4
232	Mechanisms of fluorescence quenching by hydrogen bonding in various aza aromatics. Journal of Photochemistry and Photobiology A: Chemistry, 1994, 80, 157-160.	2.0	50
233	Spectral studies of organic chromophores in polymeric matrices. , 1993, , .		0
234	<title>Site structure in the electronic and IR spectra of porphyrin</title>. , 1992, , .		0

#	Article	IF	Citations
235	Electronic states of benzo[a]pyrene. Linear and magnetic circular dichroism, polarized fluorescence, and quantum chemical calculations. Journal of the American Chemical Society, 1992, 114, 1942-1949.	6.6	21
236	Ground state structures of molecules ?prepared? for phototautomerization: 2,2?-bipyridyl-3,3?-diol and 2,2?-bipyridyl-3-ol. Journal of Crystallographic and Spectroscopic Research, 1992, 22, 563-572.	0.3	30
237	Secondary fluorescences of 4'-(1-pyrenyl)acetophenone and p-dimethylaminoacetophenone. International Journal of Radiation Applications and Instrumentation Nuclear Tracks and Radiation Measurements, 1992, 39, 149-153.	0.0	0
238	Quenching of fluorescence of 2-(2â€²-pyridyl) indoles upon complexation with alcohols. Chemical Physics Letters, 1992, 195, 556-562.	1.2	41
239	ELECTRONIC ABSORPTION PROPERTIES OF SYMMETRICAL DIALKOXYANTHRACENES. LINEAR DICHROISM AND MAGNETIC CIRCULAR DICHROISM*. Photochemistry and Photobiology, 1992, 55, 335-347.	1.3	13
240	Excited state relaxation processes in the case of some acetophenone derivatives. Journal of Chemical Sciences, 1992, 104, 143-152.	0.7	8
241	Magnetic circular dichroism of metallotexaphyrins. Journal of Organic Chemistry, 1991, 56, 2735-2742.	1.7	11
242	Electronic states of porphycenes. Journal of the American Chemical Society, 1991, 113, 5511-5527.	6.6	142
243	Perimeter model and magnetic circular dichroism of porphyrin analogs. Journal of Organic Chemistry, 1991, 56, 2729-2735.	1.7	92
244	Determination of Orientation Averages for Partially Aligned low Symmetry Molecules. Spectroscopy Letters, 1991, 24, 951-957.	0.5	1
245	Evidence for conformational equilibrium in an unsubstituted benzenoid hydrocarbon: tetrabenzo[a,cd,f,lm]perylene. The Journal of Physical Chemistry, 1991, 95, 8660-8663.	2.9	11
246	Fourier transform fluorescence and phosphorescence of porphine in rare gas matrixes. The Journal of Physical Chemistry, 1991, 95, 1963-1969.	2.9	67
247	Magnetic circular dichroism of cyclic .pi.-electron systems. 29. Bicyclic phospholium and arsolium cations with phosphorus-sulfur, arsenic-sulfur, phosphorus-nitrogen, and arsenic-nitrogen p.pi. bonding. Organometallics, 1990, 9, 1085-1088.	1.1	11
248	Electronic states of chrysene: linear and magnetic circular dichroism and quantum chemical calculations. The Journal of Physical Chemistry, 1990, 94, 1800-1806.	2.9	25
249	FT visible absorption spectroscopy of porphine in noble gas matrices. Journal of Molecular Spectroscopy, 1990, 140, 373-389.	0.4	43
250	Site-population conserving and site-population altering photo-orientation of matrix-isolated free-base porphine by double proton transfer: IR dichroism and vibrational symmetry assignments. Chemical Physics, 1989, 136, 165-180.	0.9	50
251	The nature of the excited states of p-nitro-N,N-dimethylaniline. Journal of Luminescence, 1989, 44, 149-160.	1.5	16
252	Transition moment directions and molecular structure of some p-cyano-N,N-dimethylaniline derivatives. Chemical Physics, 1989, 138, 105-113.	0.9	26

#	Article	IF	Citations
253	Effective electronegativities of phosphorus, arsenic, and antimony in a .pi. system. Evidence from magnetic circular dichroism. Organometallics, 1989, 8, 2804-2808.	1.1	70
254	Electronic states and magnetic circular dichroism of cyclic Ï€ systems with antiaromatic perimeters. Pure and Applied Chemistry, 1989, 61, 2117-2128.	0.9	9
255	The electronic spectra of some aza-derivatives of 1,2-benzanthracene. Chemical Physics, 1988, 124, 103-112.	0.9	4
256	Luminescence of neutral and protonated aminoquinoxalines. Journal of Luminescence, 1988, 40-41, 211-212.	1.5	0
257	Luminescence of hydrogen-bonded 2-aminopyridine dimers. Journal of Molecular Structure, 1988, 177, 415-419.	1.8	6
258	Excited states of indoloquinoxalines. Spectrochimica Acta Part A: Molecular Spectroscopy, 1988, 44, 1335-1340.	0.1	5
259	Ground- and excited-state protonation of aminoquinoxalines. The Journal of Physical Chemistry, 1988, 92, 6930-6935.	2.9	20
260	The electronic spectrum of benz[a]anthracene. Linear and magnetic circular dichroism and fluorescence polarization studies. Chemical Physics, 1987, 116, 411-420.	0.9	18
261	A complete determination of transition moment directions from fluorescence spectroscopy and IR and UV linear dichroism: 1,2-benzanthracene. Chemical Physics Letters, 1987, 135, 515-520.	1.2	21
262	Modification of photophysical behaviour by hydrogen bonding: Indoloquinoxaline and its methylated derivatives. Chemical Physics Letters, 1987, 133, 368-372.	1.2	24
263	Photophysics of pseudoazulenes: 7-azaindole derivatives. Journal of Photochemistry and Photobiology, 1987, 39, 49-58.	0.6	6
264	Excited-state double proton transfer in 1-azacarbazole-alcohol complexes. The Journal of Physical Chemistry, 1986, 90, 3868-3871.	2.9	46
265	A probe for substituent hyperconjugative power: MCD (magnetic circular dichroism) of the benzene Lb band. Pure and Applied Chemistry, 1986, 58, 39-53.	0.9	14
266	Excited-state double proton transfer in the solid state: the dimers of 1-azacarbazole. The Journal of Physical Chemistry, 1986, 90, 3866-3868.	2.9	44
267	Linear and magnetic circular dichroism spectra of 1,2:7,8-dibenzchrysene: out-of-plane polarized intensity. Chemical Physics Letters, 1986, 123, 102-107.	1.2	8
268	Solvent-Dependent Photophysics of Indoloquinoxaline. Journal of Molecular Structure, 1986, 142, 159-162.	1.8	14
269	Determination of the energy barrier origin of the excited state double proton transfer in 7-azaindole: Alcohol complexes. Journal of Molecular Structure, 1984, 114, 329-332.	1.8	26
270	Viscosity and temperature effects in excited state double proton transfer: Luminescence of 1-azacarbazole dimers in solid state and solution. Journal of Molecular Structure, 1984, 114, 359-362.	1.8	8

#	Article	IF	Citations
271	Spectroscopy of doubly hydrogen-bonded 7-azaindole. Reinvestigation of the excited state reaction. Journal of Luminescence, 1984, 29, 65-81.	1.5	71
272	Spectroscopy of doubly hydrogen-bonded 7-azaindole. Reinvestigation of the excited state reaction. Journal of Luminescence, 1984, 29, 65-81.	1.5	20
273	Viscosity vs. temperature effects in excited-state double proton transfer. Comparison of 1-azacarbazole with 7-azaindole. The Journal of Physical Chemistry, 1984, 88, 1160-1162.	2.9	46
274	Excited-state dipole moment changes in some pseudoazulenes. Chemical Physics Letters, 1983, 94, 58-62.	1.2	12
275	Applications of magnetic circular dichroism (MCD) spectroscopy: electronic structure of the thiotrithiazyl cation, S4N3+. Inorganic Chemistry, 1982, 21, 556-558.	1.9	8
276	Magnetic circular dichroism of cyclic .pi.-electron systems. 22. Derivatives of the trisulfur trinitride anion. Inorganic Chemistry, 1982, 21, 832-834.	1.9	8
277	Magnetic circular dichroism of cyclic .pi.-electron systems. 21. The trisulfur trinitride anion. Inorganic Chemistry, 1981, 20, 963-965.	1.9	15
278	Magnetic circular dichroism of cyclic .pi.-electron systems. 23. Monocyclic .pi.-excessive nitrogen heterocycles. 1,4-Dihydro-1,4-diazocines. Journal of Organic Chemistry, 1981, 46, 3306-3311.	1.7	11
279	Determination of positional isomers of methylpyrenes and other polycyclic aromatic hydrocarbons by magnetic circular dichroism. Analytical Chemistry, 1981, 53, 236-239.	3.2	6
280	Red edge excitation study of cooperative double proton transfer in 7-azaindole. Journal of Luminescence, 1981, 24-25, 519-522.	1.5	26
281	Charge density flow as a driving force of distortion in excited protonated azaaromatics. Chemical Physics Letters, 1980, 70, 175-179.	1.2	17
282	Proton addition to excited diazaphenanthrenes topology determined molecular properties. Journal of Luminescence, 1980, 21, 277-291.	1.5	18
283	Influence of protonation upon excited states of diazanaphthalenes. Semi-empirical study of phthalazine and quinoxaline. Chemical Physics Letters, 1979, 63, 579-583.	1.2	7
284	Are protonated ortho-diazines planar in excited states?. Journal of Luminescence, 1979, 18-19, 201-204.	1.5	11
285	Tautomerization in Porphycenes. , 0, , 245-271.		2