

# Ugo Mazzucato

## List of Publications by Year in descending order

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152  
papers

5,012  
citations

109321

35  
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114465

63  
g-index

162  
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162  
docs citations

162  
times ranked

2836  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral properties and photoreactivity of sydnonyl-stilbenes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 351, 124-130.	3.9	3
2	Proton transfer in the ground and excited state and photobehaviour of the positional isomers of E-5-[2-(pyridin-2-yl)ethenyl]oxazole-4-ones (n = 2, 3 and 4). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 333, 33-39.	3.9	2
3	Effect of the positional isomerism on the photoreactivity of styryloxazoles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 316, 95-103.	3.9	8
4	Deactivating effect of the pyridine n,π* states on the photoreactivity of 5-[2-(pyridin-2-yl)ethenyl]oxazole (n = 2, 3 and 4). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 329, 262-272.	3.9	7
5	Unusual high fluorescence of two nitro-distyrylbenzene-like compounds induced by CT processes affecting the fluorescence/intersystem-crossing competition. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 14740-14749.	2.8	37
6	Photoisomerization and Photocyclization of 5-Styryloxazole. <i>Croatica Chemica Acta</i> , 2014, 87, 327-333.	0.4	8
7	Intramolecular Charge Transfer of Push-Pull Pyridinium Salts in the Triplet Manifold. <i>Journal of Physical Chemistry A</i> , 2014, 118, 7782-7787.	2.5	32
8	Intramolecular Charge Transfer of Push-Pull Pyridinium Salts in the Singlet Manifold. <i>Journal of Physical Chemistry A</i> , 2014, 118, 3580-3592.	2.5	77
9	Intramolecular charge transfer, solvatochromism and hyperpolarizability of compounds bearing ethenylene or ethynylene bridges. <i>Chemical Physics</i> , 2012, 407, 9-19.	1.9	104
10	Synthesis, spectral properties and photobehaviour of push-pull distyrylbenzene nitro-derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 244, 38-46.	3.9	27
11	Photochemistry and DNA-affinity of some pyrimidine-substituted styryl-azinium iodides. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1830-1836.	2.9	22
12	Induced phosphorescence of some aza- and thio-stilbenes embedded in thallium-exchanged zeolites. <i>Journal of Luminescence</i> , 2011, 131, 1193-1197.	3.1	6
13	Photochemistry and DNA-affinity of some stilbene and distyrylbenzene analogues containing pyridinium and imidazolium iodides. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 216, 66-72.	3.9	33
14	Photobehavior of the Geometrical Isomers of Two 1,4-Distyrylbenzene Analogues with Side Groups of Different Electron Donor/Acceptor Character. <i>Journal of Physical Chemistry A</i> , 2010, 114, 10761-10768.	2.5	26
15	The Borexino detector at the Laboratori Nazionali del Gran Sasso. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 600, 568-593.	1.6	292
16	Fluorescence/photoisomerization competition in trans-aza-1,2-diarylethenes. <i>Journal of Fluorescence</i> , 2009, 19, 759-768.	2.5	10
17	The liquid handling systems for the Borexino solar neutrino detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 609, 58-78.	1.6	71
18	Competition between Photoisomerization and Photocyclization of the Cis Isomers of n-Styrylnaphthalenes and -Phenanthrenes. <i>Journal of Physical Chemistry A</i> , 2009, 113, 14521-14529.	2.5	17

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19	Adiabatic Pathways in the Conformational and Geometrical Photoisomerizations of the 1,2-Distyrylbenzene Isomers. <i>Journal of Physical Chemistry A</i> , 2009, 113, 8557-8568.	2.5	7
20	Excited state behaviour of some thio-analogues of 1,3-distyrylbenzene. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 196, 233-238.	3.9	9
21	Photoisomerization mechanism of the cis isomers of 1,2-distyrylbenzene and two hetero-analogues. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 195, 301-306.	3.9	15
22	Structure effects on the photobehaviour of 2,2-diphenyl(2H)chromenes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 200, 287-293.	3.9	18
23	Photobehaviour of thio-analogues of stilbene and 1,4-distyrylbenzene studied by time-resolved absorption techniques. <i>Chemical Physics</i> , 2008, 352, 28-34.	1.9	19
24	Study of phenylxylylene (PXE) as scintillator for low energy neutrino experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 585, 48-60.	1.6	30
25	New Thermally Irreversible and Fluorescent Photochromic Diarylethenes. <i>Journal of Physical Chemistry A</i> , 2008, 112, 4765-4771.	2.5	31
26	Direct Measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:mmultiscripts} > < \text{mml:mi} > \text{Be} < / \text{mml:mi} > < \text{mml:mprescripts} / > < \text{mml:none} / > < \text{mml:mn} > 7 < / \text{mml:mn} > < / \text{mml:mmultiscripts} > < / \text{mml:math} >$ Solar Neutrino Flux with 192 Days of Borexino Data. <i>Physical Review Letters</i> , 2008, 101, 091302.	7.8	344
27	$S_0 \rightarrow S_1$ and $S_1 \rightarrow S_0$ absorption spectra of thio-distyrylbenzenes. <i>Chemical Physics</i> , 2007, 337, 168-176.	1.9	16
28	Thermal reversibility and bistability in photochromic diarylethenes. <i>Inorganica Chimica Acta</i> , 2007, 360, 995-999.	2.4	20
29	Role of adiabatic pathways in the photoisomerization of aromatic olefins. <i>Inorganica Chimica Acta</i> , 2007, 360, 961-969.	2.4	17
30	Heteroatom effect on the radiative and reactive photobehaviour of E,E-1,2-distyrylbenzene. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 187, 325-331.	3.9	10
31	Photobehaviour of diarylethenes with thiophenes as aryl groups and dithiole-2-thione and dithiole-2-one at the ethenic bond. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 188, 90-97.	3.9	9
32	Excited-state Properties and In Vitro Phototoxicity Studies of Three Phenothiazine Derivatives. <i>Photochemistry and Photobiology</i> , 2007, 75, 11-21.	2.5	5
33	Conformational equilibria in E,E-1,3-di-(3-thienylethenyl)benzene: One-way adiabatic interconversion of rotamers in $S_1$ and their excited state properties. <i>Chemical Physics</i> , 2006, 328, 275-283.	1.9	7
34	Effect of stereoisomerism on the radiative and reactive relaxation channels of two thio-analogues of distyrylbenzene. <i>Chemical Physics</i> , 2006, 331, 164-172.	1.9	11
35	Triplet-sensitized photobehaviour of the three stereoisomers of 1,4-distyrylbenzene and some aza-analogues. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 177, 307-313.	3.9	23
36	Photobehaviour of some 1-heteroaryl-2-(1-methylpyridinium-2-yl)ethene iodides (free and complexed) $T_j$ ETQq0 0 0,rgBT /Overlock 10 Tf	3.9	14

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37	Photoinduced Processes in Dipyrrolyl-Perfluoro-Cyclopentenes. <i>Photochemistry and Photobiology</i> , 2006, 82, 1326.	2.5	6
38	CNO and pep neutrino spectroscopy in Borexino: Measurement of the deep-underground production of cosmogenic $^{11}\text{C}$ in an organic liquid scintillator. <i>Physical Review C</i> , 2006, 74, .	2.9	37
39	Effect of the chain length on the excited state properties of 1,1'-naphthyl,1'-phenyl-polyenes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 174, 181-186.	3.9	4
40	Current Status of the BOREXINO experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005, 143, 21-24.	0.4	7
41	Excited state properties of cross-conjugated 1,2- and 1,3-distyrylbenzene and some aza-analogues. <i>Chemical Physics</i> , 2005, 312, 205-211.	1.9	30
42	Photophysics and Photochemistry of some Dipyrrolylperfluorocyclopentenes. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 430, 267-272.	0.9	2
43	Competitive radiative and reactive relaxation channels in the excited state decay of some thio-analogues of EE-distyrylbenzene. <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 547.	2.9	30
44	New experimental limits on violations of the Pauli exclusion principle obtained with the Borexino Counting Test Facility. <i>European Physical Journal C</i> , 2004, 37, 421-431.	3.9	41
45	Effect of alkoxy groups on the photoisomerization and formation of symmetric and asymmetric diaryl-ethenes and diaryl-butadienes Electronic supplementary information (ESI) available: (1) Calculated electronic spectra (transition energy and oscillator strength) and ground state total energy of the rotamers of the trans isomers; (2) Absorption and emission spectra. See <a href="http://www.rsc.org/suppdata/pp/b4/b408241a/">http://www.rsc.org/suppdata/pp/b4/b408241a/</a> . <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 870.	2.9	22
46	Effect of oligothiophene substituents on the photophysical and photochromic properties of a naphthopyran. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 878.	2.9	37
47	Study of neutrino electromagnetic properties with the prototype of the Borexino detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 563, 35-47.	4.1	22
48	New limits on nucleon decays into invisible channels with the BOREXINO counting test facility. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 563, 23-34.	4.1	42
49	New experimental limits on heavy neutrino mixing in $8\text{B}$ -decay obtained with the Borexino counting test facility. <i>JETP Letters</i> , 2003, 78, 261-266.	1.4	18
50	Protonation effect on the excited state behaviour of EE-1-(n-pyridyl)-4-phenylbutadienes (n = 2, 3 and 4). <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 282.	2.9	9
51	Effect of the Nitrogen Heteroatom on the Excited State Properties of 1,4-Distyrylbenzene. <i>Journal of Physical Chemistry A</i> , 2003, 107, 11231-11238.	2.5	34
52	Comprehensive Photokinetic and NMR Study of a Biphotochromic Supermolecule Involving Two Naphthopyrans Linked to a Central Thiophene Unit Through Acetylenic Bonds. <i>Photochemistry and Photobiology</i> , 2003, 78, 558.	2.5	27
53	Photophysical Properties and Antibacterial Activity of Meso-substituted Cationic Porphyrins. <i>Photochemistry and Photobiology</i> , 2002, 75, 462.	2.5	183
54	Excited-state Properties and In Vitro Phototoxicity Studies of Three Phenothiazine Derivatives. <i>Photochemistry and Photobiology</i> , 2002, 75, 11.	2.5	59

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55	Photochromic Behavior of a Spiro-indolino-oxazine in Reverse-Mode Polymer-Dispersed Liquid Crystal Films. <i>Journal of Physical Chemistry B</i> , 2002, 106, 9490-9495.	2.6	32
56	Photoisomerization mechanisms and photoselectivity of the stereoisomers of 1-(pyridin-2-yl)-4-phenylbuta-1,3-diene. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 2911-2916.	2.8	14
57	Measurements of extremely low radioactivity levels in BOREXINO. <i>Astroparticle Physics</i> , 2002, 18, 1-25.	4.3	138
58	Photokinetic behaviour of bi-photochromic supramolecular systems. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2002, 149, 91-100.	3.9	28
59	Search for electron decay mode $e^+ \rightarrow \gamma + \nu_e$ with prototype of Borexino detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 525, 29-40.	4.1	38
60	Conformational equilibria in EE-2,6-di-[2-(furan-2-yl)vinyl]pyridine controlled by intramolecular hydrogen-type bonds. <i>Journal of Molecular Structure</i> , 2002, 612, 339-347.	3.6	13
61	Photophysics and photochemistry of the EE and ZE isomers of 1-(n-pyridyl)-4-phenyl-1,3-butadiene (n = 2, 3). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001, 139, 133-141.	2.8	19
62	Photobehaviour of Z-1,2-di-(3-methoxynaphth-2-yl)ethene as model compound of biphotocromic supermolecules with Z-ethenic bridge. <i>International Journal of Photoenergy</i> , 2001, 3, 153-163.	2.5	4
63	Effect of the nature of aryl and heteroaryl groups on the excited state properties of asymmetric 1,4-diarylbutadienes. <i>Chemical Physics</i> , 2001, 272, 213-225.	1.9	18
64	Photokinetic behaviour of biphotocromic supramolecular systems. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001, 139, 133-141.	3.9	27
65	Chromatic and dynamic characteristics of some photochromes in the components of bifunctional photochromic and electro-optical devices. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001, 140, 229-236.	3.9	17
66	Photokinetic behaviour of biphotocromic supramolecular systems. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001, 138, 123-128.	3.9	21
67	Prototypes of bifunctional photochromic and electro-optical systems. <i>Journal of Applied Physics</i> , 2001, 90, 4906-4914.	2.5	11
68	Effect of solvent polarizability on dual fluorescence of EE-1-phenyl,4-(1-pyrenyl)-1,3-butadiene. <i>Chemical Physics</i> , 2000, 260, 383-390.	1.9	14
69	Light propagation in a large volume liquid scintillator. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000, 440, 360-371.	1.6	61
70	Photophysics and photochemistry of 2,6-distyrylpyridine and some heteroanalogues. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 4005-4012.	2.8	34
71	Quenching of undesired fluorescence in a liquid scintillator particle detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999, 420, 189-201.	1.6	15
72	Spectral Characterization, Photophysics, and Photochemistry of the Four Stereoisomers of 1-(2-anthryl)-4-phenyl-1,3-butadiene. <i>Journal of Physical Chemistry A</i> , 1999, 103, 8994-9002.	2.5	11

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73	Excited-State Behavior of Some all-trans-1,4-Dithienylpolyenes. <i>Journal of the American Chemical Society</i> , 1999, 121, 1065-1075.	13.7	46
74	Ultra-low background measurements in a large volume underground detector. <i>Astroparticle Physics</i> , 1998, 8, 141-157.	4.3	130
75	A large-scale low-background liquid scintillation detector: the counting test facility at Gran Sasso. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998, 406, 411-426.	1.6	137
76	Measurement of the <sup>14</sup> C abundance in a low-background liquid scintillator. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 422, 349-358.	4.1	82
77	Effect of pyridyl and thienyl groups on the excited state properties of stilbene-like molecules. <i>Journal of Chemical Sciences</i> , 1998, 110, 297-310.	1.5	12
78	Temperature effects on the photoreactivity and rotamerism of (Z)-1-styrylanthracene in non-polar and polar solvents. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 211-219.	1.7	8
79	Kinetic Analysis of the Photochromic Behavior of a Naturally Occurring Chromene (Lapachenole) Under Steady Irradiation. <i>Molecular Crystals and Liquid Crystals</i> , 1997, 298, 137-144.	0.3	25
80	Involvement of the upper excited state S <sub>2</sub> in the photophysics of trans-1,2-diarylethenes due to slow internal conversion to S <sub>1</sub> . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1997, 105, 289-295.	3.9	6
81	Measurements of liquid scintillator properties for the Borexino detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997, 400, 53-68.	1.6	52
82	Excited State Behavior of Diarylethenes in the Subnanosecond Timescale: The Role of an Upper Singlet. <i>Journal of the American Chemical Society</i> , 1996, 118, 10879-10887.	13.7	17
83	Spectral and photophysical properties of trans-2-styrylanthracene rotamers, derived by kinetic fluorescence analysis. A comparison with the results obtained by statistical procedures. <i>Chemical Physics</i> , 1996, 202, 367-376.	1.9	13
84	Optical study of a large-scale liquid-scintillator detector. <i>Journal of Luminescence</i> , 1996, 68, 15-25.	3.1	28
85	Excited state behaviour of some trans-stilbene analogues bearing thiophene rings. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1996, 100, 57-64.	3.9	36
86	Solvent and temperature effects on the fluorescence and competitive photoreactions of cis-9-styrylanthracene. <i>Research on Chemical Intermediates</i> , 1995, 21, 735-747.	2.7	16
87	Effect of the nitrogen heteroatom on the photophysics and photochemistry of trans-1-styrylnaphthalene and trans-9-styrylphenanthrene in different solvents. <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , 1995, 114, 459-464.	0.0	24
88	Thermally reversible photoconversion of spiroindoline-naphtho-oxazines to photomerocyanines: a photochemical and kinetic study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1995, 87, 235-241.	3.9	75
89	Role of internal conversion on the excited state properties of trans-styrylpyridines. <i>Chemical Physics</i> , 1995, 196, 383-393.	1.9	48
90	A comprehensive kinetic, thermodynamic and photochemical study of some spiro-indoline-oxazines. <i>Journal of Chemical Sciences</i> , 1995, 107, 659-672.	1.5	14

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91	Triplet Reactivity of Spiro-Indolino-Oxazines Studied by Photosensitisation. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 246, 299-302.	0.3	8
92	Photochromism, thermochromism and solvatochromism of some spiro[indolinoxazine]-photomerocyanine systems: effects of structure and solvent. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1994, 90, 333.	1.7	97
93	Cis-trans photoisomerization of 1,2-diarylethylenes: Effect of charge transfer interactions. <i>Journal of Chemical Sciences</i> , 1993, 105, 475-486.	1.5	11
94	Evidence of adiabatic channels in the singlet photoisomerization of cis-1,2-diarylethenes: a fluorimetric study. <i>Coordination Chemistry Reviews</i> , 1993, 125, 251-260.	18.8	34
95	A new solar neutrino detector. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1993, 32, 149-155.	0.4	10
96	Effect of the nature of the aromatic groups on the lowest excited states of trans-1,2-diarylethenes. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1992, 88, 3139.	1.7	50
97	Principal-component self-modeling analysis of fluorescence for some trans-diarylethylenes. A comparison with kinetic analysis. <i>Chemical Physics</i> , 1992, 160, 131-144.	1.9	30
98	Rotational isomerism in trans-1,2-diarylethylenes. <i>Chemical Reviews</i> , 1991, 91, 1679-1719.	47.7	206
99	Laser flash photolysis of trans-1,2-bis(4-pyridyl)ethylene in aqueous solution. <i>The Journal of Physical Chemistry</i> , 1991, 95, 4000-4005.	2.9	15
100	Role of charge transfer interactions in photoreactions. VII: Exciplexes of stilbene-like molecules with electron acceptors. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1991, 62, 217-228.	3.9	11
101	Decay pathways of the first excited singlet state of cis-1-styrylpyrene. <i>Chemical Physics Letters</i> , 1991, 186, 297-302.	2.6	25
102	Laser flash photolysis study of trans-styrylphenanthrene isomers and their exciplexes with amines. <i>The Journal of Physical Chemistry</i> , 1990, 94, 5818-5823.	2.9	21
103	T1 potential energy curves and one-way photo-isomerization of styryl aromatics. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1990, 55, 37-42.	3.9	9
104	The three-component fluorescence emission of trans-2-styrylanthracene in fluid solution. The implication of an upper excited singlet state. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1990, 46, 413-418.	0.1	22
105	Fluorimetric and theoretical study of the rotamerism of trans-styrylanthracenes. <i>Journal of Molecular Structure</i> , 1989, 193, 173-183.	3.6	27
106	Radicals of 4,4'-bipyridyl and trans-1,2-dipyridylethylenes in organic solvents formed by laser flash photolysis. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1989, 50, 209-219.	3.9	31
107	trans $\rightarrow$ cis Photoisomerization of 1-styrylnaphthalene and its 4-bromo- and 4-chloro-derivatives. A fluorimetric and laser flash photolytic study. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1989, 85, 1469.	1.0	15
108	Trans $\rightarrow$ cis photoisomerization of 1-(1-naphthyl)-2-(4-nitrophenyl)ethylene. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1988, 43, 139-154.	3.9	23

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109	A photophysical and theoretical study of styrylanthracenes. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1988, 84, 385.	1.1	44
110	Role of charge-transfer interactions in photoreactions. 4. Photophysical study of exciplexes between trans-9-styrylphenanthrene and amines. <i>The Journal of Physical Chemistry</i> , 1988, 92, 3394-3399.	2.9	12
111	Photophysical and theoretical studies of photoisomerism and rotamerism of trans-styrylphenanthrenes. <i>The Journal of Physical Chemistry</i> , 1987, 91, 4733-4743.	2.9	109
112	A laser flash photolysis study of the triplet state of trans-azastilbenes. <i>Journal of Photochemistry and Photobiology</i> , 1987, 37, 87-93.	0.6	18
113	Rotamerism and trans-cis photoisomerization of 1-(2-naphthyl)-2-( $\pi^2$ -pyridyl)ethylenes studied by stationary and pulsed fluorescence techniques. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1986, 82, 775-788.	1.1	19
114	Fluorescence of conformational isomers of trans 2-styryl-naphthalene. Further evidence for different radiative decay parameters of the two rotamers. <i>Chemical Physics</i> , 1986, 101, 461-466.	1.9	24
115	Viscosity-induced emission anomalies in 1,2-diarylethylenes and in distyryl-benzenes and -naphthalenes. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1985, , 1969.	0.9	16
116	Photoisomerization mechanism and conformational equilibria of styrylnaphthalenes. A study based on photophysical properties and molecular-orbital calculations. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1984, 80, 1093.	1.1	54
117	Effect of temperature on the photophysical properties of styrylpyridines. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1984, 80, 1123.	1.0	36
118	Absorption and emission anomalies in solutions of trans-azastilbenes and related compounds possibly caused by association. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1983, , 797.	0.9	11
119	Excited State Reactivity of Aza-Aromatics. <i>Zeitschrift Fur Physikalische Chemie</i> , 1983, 138, 199-206.	2.8	6
120	Luminescence and Photolytic Cycloreversion of Cyclobutane Derivatives: Cinnamic Acid Dimers and their Diamides. <i>Zeitschrift Fur Physikalische Chemie</i> , 1983, 138, 207-221.	2.8	3
121	Photophysical and photochemical behaviour of stilbene-like molecules and their aza-analogues. <i>Pure and Applied Chemistry</i> , 1982, 54, 1705-1721.	1.9	145
122	Photochemical and Photophysical Behaviour of 9-Styrylphenanthrene and its Aza-Analogues. <i>Zeitschrift Fur Physikalische Chemie</i> , 1982, 133, 107-118.	2.8	17
123	Photophysical study of rotational isomers of mono-aza- and di-aza-stilbenes. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1982, 38, 729-735.	0.1	18
124	Role of charge transfer interactions in photoreactions III: inorganic anion-induced intersystem crossing of stilbene-like molecules. <i>Journal of Photochemistry and Photobiology</i> , 1982, 18, 211-222.	0.6	11
125	Conformational equilibria and photophysical behaviour of styrylpyridines; excitation energy effects in fluid and rigid solutions. <i>Journal of Luminescence</i> , 1982, 27, 163-175.	3.1	27
126	Role of charge-transfer interactions in photo reactions. 2. Exciplexes between stilbene-like molecules and amines. <i>The Journal of Physical Chemistry</i> , 1980, 84, 2020-2024.	2.9	15

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127	Excited state reactivity of aza aromatics. 9. Fluorescence and photoisomerization of planar and hindered styrylpyridines. <i>The Journal of Physical Chemistry</i> , 1980, 84, 847-851.	2.9	57
128	Role of the charge transfer interactions in photoreactions. 1. Exciplexes between styrylnaphthalenes and amines. <i>Journal of the American Chemical Society</i> , 1977, 99, 6340-6347.	13.7	39
129	An anomalous effect of the excitation energy on the fluorescence of azastilbenes. <i>Chemical Physics Letters</i> , 1977, 47, 541-544.	2.6	15
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