Ugo Mazzucato

List of Publications by Year in descending order

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152	5,012	109321	114465
papers	citations	35 h-index	63 g-index

162	162	162	2836
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Direct Measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Be</mml:mi><mml:mprescripts /><mml:none /><mml:mn>7</mml:mn></mml:mmultiscripts></mml:math>Solar Neutrino Flux with 192 Days of Borexino Data. Physical Review Letters, 2008, 101, 091302.	7.8	344
2	The Borexino detector at the Laboratori Nazionali del Gran Sasso. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 568-593.	1.6	292
3	Rotational isomerism in trans-1,2-diarylethylenes. Chemical Reviews, 1991, 91, 1679-1719.	47.7	206
4	Photophysical Properties and Antibacterial Activity of Meso-substituted Cationic PorphyrinsÂ¶. Photochemistry and Photobiology, 2002, 75, 462.	2.5	183
5	Photophysical and photochemical behaviour of stilbene-like molecules and their aza-analogues. Pure and Applied Chemistry, 1982, 54, 1705-1721.	1.9	145
6	Measurements of extremely low radioactivity levels in BOREXINO. Astroparticle Physics, 2002, 18, 1-25.	4.3	138
7	A large-scale low-background liquid scintillation detector: the counting test facility at Gran Sasso. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 406, 411-426.	1.6	137
8	Ultra-low background measurements in a large volume underground detector. Astroparticle Physics, 1998, 8, 141-157.	4.3	130
9	Photophysical and theoretical studies of photoisomerism and rotamerism of trans-styrylphenanthrenes. The Journal of Physical Chemistry, 1987, 91, 4733-4743.	2.9	109
10	Intramolecular charge transfer, solvatochromism and hyperpolarizability of compounds bearing ethenylene or ethynylene bridges. Chemical Physics, 2012, 407, 9-19.	1.9	104
11	Photochromism, thermochromism and solvatochromism of some spiro[indolinoxazine]-photomerocyanine systems: effects of structure and solvent. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 333.	1.7	97
12	Measurement of the 14C abundance in a low-background liquid scintillator. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 422, 349-358.	4.1	82
13	Intramolecular Charge Transfer of Pushâ€“Pull Pyridinium Salts in the Singlet Manifold. Journal of Physical Chemistry A, 2014, 118, 3580-3592.	2.5	77
14	Thermally reversible photoconversion of spiroindoline-naphtho-oxazines to photomerocyanines: a photochemical and kinetic study. Journal of Photochemistry and Photobiology A: Chemistry, 1995, 87, 235-241.	3.9	75
15	The liquid handling systems for the Borexino solar neutrino detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 609, 58-78.	1.6	71
16	Light propagation in a large volume liquid scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 440, 360-371.	1.6	61
17	Excited-state Properties and In Vitro Phototoxicity Studies of Three Phenothiazine DerivativesÂ¶. Photochemistry and Photobiology, 2002, 75, 11.	2.5	59
18	Excited state reactivity of aza aromatics. 9. Fluorescence and photoisomerization of planar and hindered styrylpyridines. The Journal of Physical Chemistry, 1980, 84, 847-851.	2.9	57

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19	Photoisomerization mechanism and conformational equilibria of styrylnaphthalenes. A study based on photophysical properties and molecular-orbital calculations. Journal of the Chemical Society, Faraday Transactions 2, 1984, 80, 1093.	1.1	54
20	Measurements of liquid scintillator properties for the Borexino detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 400, 53-68.	1.6	52
21	Effect of the nature of the aromatic groups on the lowest excited states of trans-1,2-diarylethenes. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 3139.	1.7	50
22	Role of internal conversion on the excited state properties of trans-styrylpyridines. Chemical Physics, 1995, 196, 383-393.	1.9	48
23	Heavy atom effect on the luminescence of phenanthrene. Journal of Luminescence, 1971, 4, 8-12.	3.1	47
24	Excited reactivity of aza aromatics. II. Solvent protonation effects on photoisomerization and luminescence of styrylpyridines. The Journal of Physical Chemistry, 1973, 77, 605-610.	2.9	46
25	Excited-State Behavior of Someall-trans-Î±,Ï‰-Dithienylpolyenes. Journal of the American Chemical Society, 1999, 121, 1065-1075.	13.7	46
26	Excited state reactivity of aza aromatics. I. Basicity of 3-styrylpyridines in the first excited singlet state. The Journal of Physical Chemistry, 1973, 77, 601-604.	2.9	45
27	A photophysical and theoretical study of styrylanthracenes. Journal of the Chemical Society, Faraday Transactions 2, 1988, 84, 385.	1.1	44
28	New limits on nucleon decays into invisible channels with the BOREXINO counting test facility. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 563, 23-34.	4.1	42
29	New experimental limits on violations of the Pauli exclusion principle obtained with the Borexino Counting Test Facility. European Physical Journal C, 2004, 37, 421-431.	3.9	41
30	Role of the charge transfer interactions in photoreactions. 1. Exciplexes between styrylnaphthalenes and amines. Journal of the American Chemical Society, 1977, 99, 6340-6347.	13.7	39
31	Search for electron decay mode eâ†'Î³+Î½ with prototype of Borexino detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 525, 29-40.	4.1	38
32	Effect of oligothiophene substituents on the photophysical and photochromic properties of a naphthopyran. Photochemical and Photobiological Sciences, 2004, 3, 878.	2.9	37
33	CNO andpepneutrino spectroscopy in Borexino: Measurement of the deep-underground production of cosmogenicC11in an organic liquid scintillator. Physical Review C, 2006, 74, .	2.9	37
34	Unusual high fluorescence of two nitro-distyrylbenzene-like compounds induced by CT processes affecting the fluorescence/intersystem-crossing competition. Physical Chemistry Chemical Physics, 2015, 17, 14740-14749.	2.8	37
35	Effect of temperature on the photophysical properties of styrylpyridines. Journal of the Chemical Society Faraday Transactions I, 1984, 80, 1123.	1.0	36
36	Excited state behaviour of some trans-stilbene analogues bearing thiophene rings. Journal of Photochemistry and Photobiology A: Chemistry, 1996, 100, 57-64.	3.9	36

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37	Evidence of adiabatic channels in the singlet photoisomerization of cis-1,2-diarylethenes: a fluorimetric study. Coordination Chemistry Reviews, 1993, 125, 251-260.	18.8	34
38	Photophysics and photochemistry of 2,6-distyrylpyridine and some heteroanalogues. Physical Chemistry Chemical Physics, 2000, 2, 4005-4012.	2.8	34
39	Effect of the Nitrogen Heteroatom on the Excited State Properties of 1,4-Distyrylbenzene. Journal of Physical Chemistry A, 2003, 107, 11231-11238.	2.5	34
40	Photochemistry and DNA-affinity of some stilbene and distyrylbenzene analogues containing pyridinium and imidazolium iodides. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 216, 66-72.	3.9	33
41	Photochromic Behavior of a Spiro-indolino-oxazine in Reverse-Mode Polymer-Dispersed Liquid Crystal Films. Journal of Physical Chemistry B, 2002, 106, 9490-9495.	2.6	32
42	Intramolecular Charge Transfer of Pushâ€“Pull Pyridinium Salts in the Triplet Manifold. Journal of Physical Chemistry A, 2014, 118, 7782-7787.	2.5	32
43	Radicals of 4,4â€²-bipyridyl and trans-1,2-dipyridylethylenes in organic solvents formed by laser flash photolysis. Journal of Photochemistry and Photobiology A: Chemistry, 1989, 50, 209-219.	3.9	31
44	New Thermally Irreversible and Fluorescent Photochromic Diarylethenes. Journal of Physical Chemistry A, 2008, 112, 4765-4771.	2.5	31
45	Principal-component self-modeling analysis of fluorescence for some trans-diarylethylenes. A comparison with kinetic analysis. Chemical Physics, 1992, 160, 131-144.	1.9	30
46	Excited state properties of cross-conjugated 1,2- and 1,3-distyrylbenzene and some aza-analogues. Chemical Physics, 2005, 312, 205-211.	1.9	30
47	Competitive radiative and reactive relaxation channels in the excited state decay of some thio-analogues of EE-distyrylbenzene. Photochemical and Photobiological Sciences, 2005, 4, 547.	2.9	30
48	Study of phenylxylylethane (PXE) as scintillator for low energy neutrino experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 585, 48-60.	1.6	30
49	Optical study of a large-scale liquid-scintillator detector. Journal of Luminescence, 1996, 68, 15-25.	3.1	28
50	Photokinetic behaviour of bi-photochromic supramolecular systems. Journal of Photochemistry and Photobiology A: Chemistry, 2002, 149, 91-100.	3.9	28
51	Conformational equilibria and photophysical behaviour of styrylpyridines; excitation energy effects in fluid and rigid solutions. Journal of Luminescence, 1982, 27, 163-175.	3.1	27
52	Fluorimetric and theoretical study of the rotamerism of trans-styrylanthracenes. Journal of Molecular Structure, 1989, 193, 173-183.	3.6	27
53	Photokinetic behaviour of biphotochromic supramolecular systems. Journal of Photochemistry and Photobiology A: Chemistry, 2001, 139, 133-141.	3.9	27
54	Comprehensive Photokinetic and NMR Study of a Biphotochromic Supermolecule Involving Two Naphthopyrans Linked to a Central Thiophene Unit Through Acetylenic BondsÂ¶. Photochemistry and Photobiology, 2003, 78, 558.	2.5	27

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55	Synthesis, spectral properties and photobehaviour of pushâ€“pull distyrylbenzene nitro-derivatives. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 244, 38-46.	3.9	27
56	Photobehavior of the Geometrical Isomers of Two 1,4-Distyrylbenzene Analogues with Side Groups of Different Electron Donor/Acceptor Character. Journal of Physical Chemistry A, 2010, 114, 10761-10768.	2.5	26
57	Decay pathways of the first excited singlet state of cis-1-styrylpyrene. Chemical Physics Letters, 1991, 186, 297-302.	2.6	25
58	Kinetic Analysis of the Photochromic Behavior of a Naturally Occurring Chromene (Lapachenole) Under Steady Irradiation. Molecular Crystals and Liquid Crystals, 1997, 298, 137-144.	0.3	25
59	Fluorescence of conformational isomers of trans 2-styryl-naphthalene. Further evidence for different radiative decay parameters of the two rotamers. Chemical Physics, 1986, 101, 461-466.	1.9	24
60	Effect of the nitrogen heteroatom on the photophysics and photochemistry of transâ€1â€styrylnaphthalene and transâ€9â€styrylphenanthrene in different solvents. Recueil Des Travaux Chimiques Des Pays-Bas, 1995, 114, 459-464.	0.0	24
61	Trans â†' cis photoisomerization of 1-(1-naphthyl)-2-(4-nitrophenyl)ethylene. Journal of Photochemistry and Photobiology A: Chemistry, 1988, 43, 139-154.	3.9	23
62	Triplet-sensitized photobehaviour of the three stereoisomers of 1,4-distyrylbenzene and some aza-analogues. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 177, 307-313.	3.9	23
63	Cis-transPhotoisomerization of Styrylpyridines. Zeitschrift Fur Physikalische Chemie, 1966, 51, 264-273.	2.8	22
64	Charge transfer complexes between halogens and pyridines. Part 4.â€"Effect of the acid strength of the acceptors. Transactions of the Faraday Society, 1970, 66, 3075-3080.	0.9	22
65	The three-component fluorescence emission of trans-2-styrylanthracene in fluid solution. The implication of an upper excited singlet state. Spectrochimica Acta Part A: Molecular Spectroscopy, 1990, 46, 413-418.	0.1	22
66	Study of neutrino electromagnetic properties with the prototype of the Borexino detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 563, 35-47.	4.1	22
67	Effect of thienyl groups on the photoisomerization and rotamerism of symmetric and asymmetric diaryl-ethenes and diaryl-butadienesElectronic 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 http://www.rsc.org/suppdata/pp/b4/b408241a/.. Photochemical and Photobiological Sciences, 2004, 3, 870.	2.9	22
68	Photochemistry and DNA-affinity of some pyrimidine-substituted styryl-azinium iodides. Photochemical and Photobiological Sciences, 2011, 10, 1830-1836.	2.9	22
69	The Photocyclization of Styrylpyridines to Azaphenanthrenes and their Geometrical Photoisomerization. Zeitschrift Fur Physikalische Chemie, 1969, 63, 29-38.	2.8	21
70	Laser flash photolysis study of trans-styrylphenanthrene isomers and their exciplexes with amines. The Journal of Physical Chemistry, 1990, 94, 5818-5823.	2.9	21
71	Photokinetic behaviour of biphotochromic supramolecular systems. Journal of Photochemistry and Photobiology A: Chemistry, 2001, 138, 123-128.	3.9	21
72	Thermal reversibility and bistability in photochromic diarylethenes. Inorganica Chimica Acta, 2007, 360, 995-999.	2.4	20

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73	Acid-base equilibria of isomeric styrylpyridines and some of their derivatives. Tetrahedron, 1966, 22, 589-593.	1.9	19
74	Luminescence spectra and triplet lifetimes of neutral and protonated azaphenanthrenes. Spectrochimica Acta Part A: Molecular Spectroscopy, 1971, 27, 915-921.	0.1	19
75	Rotamerism and transâ€“cis photoisomerization of 1-(2-naphthyl)-2-(nâ€²-pyridyl)ethylenes studied by stationary and pulsed fluorescence techniques. Journal of the Chemical Society, Faraday Transactions 2, 1986, 82, 775-788.	1.1	19
76	Photophysics and photochemistry of the EE and ZE isomers of 1-(n-pyridyl)-4-phenyl-1,3-butadiene (n = 2,) Tj ETQq0 0 0 rgBT /Overlock	2.8	19
77	Photobehaviour of thio-analogues of stilbene and 1,4-distyrylbenzene studied by time-resolved absorption techniques. Chemical Physics, 2008, 352, 28-34.	1.9	19
78	Photophysical behaviour of azaphenanthrenes. Chemical Physics, 1975, 9, 301-306.	1.9	18
79	Excited state reactivity of aza aromatics. III. Quenching of fluorescence and photoisomerization of azastilbenes by inorganic anions. The Journal of Physical Chemistry, 1975, 79, 21-25.	2.9	18
80	Photophysical study of rotational isomers of mono-aza- and di-aza-stilbenes. Spectrochimica Acta Part A: Molecular Spectroscopy, 1982, 38, 729-735.	0.1	18
81	A laser flash photolysis study of the triplet state of trans-azastilbenes. Journal of Photochemistry and Photobiology, 1987, 37, 87-93.	0.6	18
82	Effect of the nature of aryl and heteroaryl groups on the excited state properties of asymmetric 1,4-diarylbutadienes. Chemical Physics, 2001, 272, 213-225.	1.9	18
83	New experimental limits on heavy neutrino mixing in 8B-decay obtained with the Borexino counting test facility. JETP Letters, 2003, 78, 261-266.	1.4	18
84	Structure effects on the photobehaviour of 2,2-diphenyl(2H)chromenes. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 200, 287-293.	3.9	18
85	Acidâ€base equilibria of dipyridylethylenes studied by absorption and fluorescence spectrometry. Journal of Heterocyclic Chemistry, 1970, 7, 583-587.	2.6	17
86	Excited state reactivity of aza aromatics. IV. Fluorescence properties and acid-base equilibriums of naphthylpyridylethylenes. The Journal of Physical Chemistry, 1975, 79, 2785-2788.	2.9	17
87	Photochemical and Photophysical Behaviour of 9-Styrylphenanthrene and its Aza-Analogues. Zeitschrift Fur Physikalische Chemie, 1982, 133, 107-118.	2.8	17
88	Excited State Behavior of Diarylethenes in the Subnanosecond Timescale:Â The Role of an Upper Singlet. Journal of the American Chemical Society, 1996, 118, 10879-10887.	13.7	17
89	Chromatic and dynamic characteristics of some photochromes in the components of bifunctional photochromic and electro-optical devices. Journal of Photochemistry and Photobiology A: Chemistry, 2001, 140, 229-236.	3.9	17
90	Role of adiabatic pathways in the photoisomerization of aromatic olefins. Inorganica Chimica Acta, 2007, 360, 961-969.	2.4	17

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91	Competition between Photoisomerization and Photocyclization of the Cis Isomers of n-Styrylnaphthalenes and -Phenanthrenes. Journal of Physical Chemistry A, 2009, 113, 14521-14529.	2.5	17
92	Viscosity-induced emission anomalies in 1,2-diarylethylenes and in distyryl-benzenes and -naphthalenes. Journal of the Chemical Society Perkin Transactions II, 1985, , 1969.	0.9	16
93	Solvent and temperature effects on the fluorescence and competitive photoreactions of cis-9-styrylanthracene. Research on Chemical Intermediates, 1995, 21, 735-747.	2.7	16
94	S0â†'Sn and S1â†'Sn absorption spectra of thio-distyrylbenzenes. Chemical Physics, 2007, 337, 168-176.	1.9	16
95	An anomalous effect of the excitation energy on the fluorescence of azastilbenes. Chemical Physics Letters, 1977, 47, 541-544.	2.6	15
96	Role of charge-transfer interactions in photo reactions. 2. Exciplexes between stilbene-like molecules and amines. The Journal of Physical Chemistry, 1980, 84, 2020-2024.	2.9	15
97	transâ†'cis Photoisomerization of 1-styrylnaphthalene and its 4â€²-bromo- and 4â€²-chloro-derivatives. A fluorimetric and laser flash photolytic study. Journal of the Chemical Society Faraday Transactions I, 1989, 85, 1469.	1.0	15
98	Laser flash photolysis of trans-1,2-bis(4-pyridyl)ethylene in aqueous solution. The Journal of Physical Chemistry, 1991, 95, 4000-4005.	2.9	15
99	Quenching of undesired fluorescence in a liquid scintillator particle detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 420, 189-201.	1.6	15
100	Photoisomerization mechanism of the cis isomers of 1,2-distyrylbenzene and two hetero-analogues. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 195, 301-306.	3.9	15
101	Effect of solvent polarizability on dual fluorescence of EE-1-phenyl,4-(1â€²-pyrenyl)-1,3-butadiene. Chemical Physics, 2000, 260, 383-390.	1.9	14
102	Photoisomerization mechanisms and photoselectivity of the stereoisomers of 1-(pyrid-n-yl),4-phenylbuta-1,3-diene. Physical Chemistry Chemical Physics, 2002, 4, 2911-2916.	2.8	14
103	Photobehaviour of some 1-heteroaryl-2-(1-methylpyridinium-2-yl)ethene iodides (free and complexed) Tj ETQq1 1 0.784314 rgBT /Ove	3.9	14
104	A comprehensive kinetic, thermodynamic and photochemical study of some spiro-indoline-oxazines. Journal of Chemical Sciences, 1995, 107, 659-672.	1.5	14
105	Charge transfer complexes of iodine with mercaptans and related sulphur compounds. Journal of the Chemical Society Faraday Transactions I, 1973, 69, 143.	1.0	13
106	Photoelectron (He I) spectroscopic study of styrylpyridines. Journal of the Chemical Society, Faraday Transactions 2, 1975, 71, 1583.	1.1	13
107	Spectral and photophysical properties of trans-2-styrylanthracene rotamers, derived by kinetic fluorescence analysis. A comparison with the results obtained by statistical procedures. Chemical Physics, 1996, 202, 367-376.	1.9	13
108	Conformational equilibria in EE-2,6-di-[2-(furan-2-yl)vinyl]pyridine controlled by intramolecular hydrogen-type bonds. Journal of Molecular Structure, 2002, 612, 339-347.	3.6	13

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109	Excited state reactivity of aza-aromatics: VI. Photoisomerization of azastilbenes induced by inorganic anions. Journal of Photochemistry and Photobiology, 1976, 6, 309-315.	0.6	12
110	Role of charge-transfer interactions in photoreactions. 4. Photophysical study of exciplexes between trans-9-styrylphenanthrene and amines. The Journal of Physical Chemistry, 1988, 92, 3394-3399.	2.9	12
111	Effect of pyridyl and thienyl groups on the excited state properties of stilbene-like molecules. Journal of Chemical Sciences, 1998, 110, 297-310.	1.5	12
112	Role of charge transfer interactions in photoreactions III: inorganic anion-induced intersystem crossing of stilbene-like molecules. Journal of Photochemistry and Photobiology, 1982, 18, 211-222.	0.6	11
113	Absorption and emission anomalies in solutions of trans-azastilbenes and related compounds possibly caused by association. Journal of the Chemical Society Perkin Transactions II, 1983, , 797.	0.9	11
114	Role of charge transfer interactions in photoreactions. VII: Exciplexes of stilbene-like molecules with electron acceptors. Journal of Photochemistry and Photobiology A: Chemistry, 1991, 62, 217-228.	3.9	11
115	Cis-trans photoisomerization of 1,2-diarylethylenes: Effect of charge transfer interactions. Journal of Chemical Sciences, 1993, 105, 475-486.	1.5	11
116	Spectral Characterization, Photophysics, and Photochemistry of the Four Stereoisomers of 1-(2-anthryl)-4-phenyl-1,3-butadiene. Journal of Physical Chemistry A, 1999, 103, 8994-9002.	2.5	11
117	Prototypes of bifunctional photochromic and electro-optical systems. Journal of Applied Physics, 2001, 90, 4906-4914.	2.5	11
118	Effect of stereoisomerism on the radiative and reactive relaxation channels of two thio-analogues of distyrylbenzene. Chemical Physics, 2006, 331, 164-172.	1.9	11
119	Geometrical isomerism and photochemical behaviour of Î±â€substituted 2 and 4â€styrylpyridines. Journal of Heterocyclic Chemistry, 1969, 6, 465-473.	2.6	10
120	Fluorescence quenching by charge transfer interaction. Exciplexes of fluorene and hetero-analogues with electron donors and acceptors. Chemical Physics Letters, 1974, 29, 502-505.	2.6	10
121	A new solar neutrino detector. Nuclear Physics, Section B, Proceedings Supplements, 1993, 32, 149-155.	0.4	10
122	Heteroatom effect on the radiative and reactive photobehaviour of E,E-1,2-distyrylbenzene. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 187, 325-331.	3.9	10
123	Fluorescence/photoisomerization competition in trans-aza-1,2-diarylethenes. Journal of Fluorescence, 2009, 19, 759-768.	2.5	10
124	T1 potential energy curves and â€œone-wayâ€•photo-isomerization of styryl aromatics. Journal of Photochemistry and Photobiology A: Chemistry, 1990, 55, 37-42.	3.9	9
125	Protonation effect on the excited state behaviour of EE-1-(n-pyridyl)-4-phenylbutadienes (n = 2, 3 and) Tj ETQq1 1 0.784314 rgBT /Ov and Photobiological Sciences, 2003, 2, 282.	2.9	9
126	Photobehaviour of diarylethenes with thiophenes as aryl groups and dithiole-2-thione and dithiole-2-one at the ethenic bond. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 188, 90-97.	3.9	9

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127	Excited state behaviour of some thio-analogues of 1,3-distyrylbenzene. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 196, 233-238.	3.9	9
128	Triplet Reactivity of Spiro-Indolino-Oxazines Studied by Photosensitisation. Molecular Crystals and Liquid Crystals, 1994, 246, 299-302.	0.3	8
129	Temperature effects on the photoreactivity and rotamerism of (Z)-1-styrylanthracene in non-polar and polar solvents. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 211-219.	1.7	8
130	Photoisomerization and Photocyclization of 5-Styryloxazole. Croatica Chemica Acta, 2014, 87, 327-333.	0.4	8
131	Effect of the positional isomerism on the photoreactivity of styryloxazoles. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 316, 95-103.	3.9	8
132	Current Status of the BOREXINO experiment. Nuclear Physics, Section B, Proceedings Supplements, 2005, 143, 21-24.	0.4	7
133	Conformational equilibria in EE-1,3-di-(3â€²-thienylethenyl)benzene: One-way adiabatic interconversion of rotamers in S1 and their excited state properties. Chemical Physics, 2006, 328, 275-283.	1.9	7
134	Adiabatic Pathways in the Conformational and Geometrical Photoisomerizations of the 1,2-Distyrylbenzene Isomers. Journal of Physical Chemistry A, 2009, 113, 8557-8568.	2.5	7
135	Deactivating effect of the pyridine n,Ï€* states on the photoreactivity of 5-[2-(pyrid-n-yl)ethenyl]oxazole (n= 2, 3 and 4). Journal of Photochemistry and Photobiology A: Chemistry, 2016, 329, 262-272.	3.9	7
136	Oxidation of 1-Phenyl-3-Pyrazolidones. Decay Kinetics of the Intermediate Free Radical. Journal of Photographic Science, 1966, 14, 164-170.	0.1	6
137	Excited State Reactivity of Aza-Aromatics. Zeitschrift Fur Physikalische Chemie, 1983, 138, 199-206.	2.8	6
138	Involvement of the upper excited state S2 in the photophysics of trans-1,2-diarylethenes due to slow internal conversion to S1. Journal of Photochemistry and Photobiology A: Chemistry, 1997, 105, 289-295.	3.9	6
139	Photoinduced Processes in Dipyrrolyl-Perfluoro-Cyclopentenes. Photochemistry and Photobiology, 2006, 82, 1326.	2.5	6
140	Induced phosphorescence of some aza- and thio-stilbenes embedded in thallium-exchanged zeolites. Journal of Luminescence, 2011, 131, 1193-1197.	3.1	6
141	PHOTOLYSIS OF SOME ARYLALKYL THIOCYANATES, ISOTHIOCYANATES AND DISULFIDES IN RIGID GLASSES AT 77dÌ€K: FORMATION AND TRAPPING OF ARYLALKYL FREE RADICALS. Photochemistry and Photobiology, 1967, 6, 589-596.	2.5	5
142	Charge transfer interactions of heteroaromatic compounds. Part 5.â€”Complexes between pyridine-1-oxides and halogens. Journal of the Chemical Society Faraday Transactions I, 1974, 70, 628.	1.0	5
143	Excited-state Properties and In Vitro Phototoxicity Studies of Three Phenothiazine DerivativesÂ¶. Photochemistry and Photobiology, 2007, 75, 11-21.	2.5	5
144	Photobehaviour ofZ-1,2-di-(3â€²-methoxynaphth-2â€²-yl)ethene as model compound of biphotochromic supermolecules withZ-ethenic bridge. International Journal of Photoenergy, 2001, 3, 153-163.	2.5	4

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145	Effect of the chain length on the excited state properties of Î±-naphthyl,Ï‰-phenyl-polyenes. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 174, 181-186.	3.9	4
146	Luminescence and Photolytic Cycloreversion of Cyclobutane Derivatives: Cinnamic Acid Dimers and their Diamides. Zeitschrift Fur Physikalische Chemie, 1983, 138, 207-221.	2.8	3
147	Spectral properties and photoreactivity of sydnonyl-stilbenes. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 351, 124-130.	3.9	3
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