Miguel A A Miranda

List of Publications by Year
in descending order

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552 papers	11,599 citations	50170 46 h-index	69108 77 g-index
604 all docs	604 docs citations	604 times ranked	8444 citing authors

#	Article	IF	Citations
1	Organic Photocatalysts for the Oxidation of Pollutants and Model Compounds. Chemical Reviews, 2012, 112, 1710-1750.	23.0	357
2	2,4,6-Triphenylpyrylium Tetrafluoroborate as an Electron-Transfer Photosensitizer. Chemical Reviews, 1994, 94, 1063-1089.	23.0	317
3	Enantioselective Intramolecular [2 + 2]-Photocycloaddition Reactions of 4-Substituted Quinolones Catalyzed by a Chiral Sensitizer with a Hydrogen-Bonding Motif. Journal of the American Chemical Society, 2011, 133, 16689-16697.	6.6	201
4	New Trends in Photobiology (Invited Review) Photosensitizing drugs containing the benzophenone chromophore. Journal of Photochemistry and Photobiology B: Biology, 1998, 43, 1-26.	1.7	200
5	Benzophenone Photosensitized DNA Damage. Accounts of Chemical Research, 2012, 45, 1558-1570.	7.6	196
6	Scope and limitations of the TEMPO/EPR method for singlet oxygen detection: the misleading role of electron transfer. Free Radical Biology and Medicine, 2014, 77, 64-70.	1.3	187
7	A Colorimetric ATP Sensor Based on 1,3,5-Triarylpent-2-en-1,5-diones. Angewandte Chemie - International Edition, 2001, 40, 2640-2643.	7.2	171
8	PHOTOCHEMICAL AND PHOTOBIOLOGICAL PROPERTIES OF KETOPROFEN ASSOCIATED WITH THE BENZOPHENONE CHROMOPHORE. Photochemistry and Photobiology, 1994, 60, 96-101.	1.3	148
9	Photoreactivity of the Nonsteroidal Anti-inflammatory 2-Arylpropionic Acids with Photosensitizing Side EffectsÂ¶. Photochemistry and Photobiology, 2001, 74, 637.	1.3	145
10	Towards the Development of Colorimetric Probes to Discriminate between Isomeric Dicarboxylates. Angewandte Chemie - International Edition, 2003, 42, 647-650.	7.2	142
11	Synthesis and Pharmacological Evaluation of 2'-Hydroxychalcones and Flavones as Inhibitors of Inflammatory Mediators Generation. Journal of Medicinal Chemistry, 1995, 38, 2794-2797.	2.9	128
12	Highly Efficient Photoinduced Electron Transfer with 2,4,6-Triphenylpyrylium Cation Incorporated inside Extra Large Pore Zeotype MCM-41. Journal of the American Chemical Society, 1994, 116, 9767-9768.	6.6	124
13	Solar photo-catalysis to remove paper mill wastewater pollutants. Solar Energy, 2005, 79, 393-401.	2.9	115
14	The Triplet Energy of Thymine in DNA. Journal of the American Chemical Society, 2006, 128, 6318-6319.	6.6	99
15	Photoinduced Electron Transfer within Zeolite Cavities: cis-Stilbene Isomerization Photosensitized by 2,4,6-Triphenylpyrylium Cation Imprisoned inside Zeolite Y. Journal of the American Chemical Society, 1994, 116, 2276-2280.	6.6	97
16	Human Serum Albumin-Mediated Stereodifferentiation in the Triplet State Behavior of (S)- and (R)-Carprofen. Journal of the American Chemical Society, 2004, 126, 9538-9539.	6.6	96
17	Photosensitised pyrimidine dimerisation in DNA. Chemical Science, 2011, 2, 1219.	3.7	96
18	Filter-filter interactions. Photostabilization, triplet quenching and reactivity with singlet oxygen. Photochemical and Photobiological Sciences, 2010, 9, 552-558.	1.6	88

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19	A Blocked Diketo Form of Avobenzone: Photostability, Photosensitizing Properties and Triplet Quenching by a Triazineâ€derived UVBâ€filter. Photochemistry and Photobiology, 2009, 85, 178-184.	1.3	86
20	In Vitro Phototoxicity Testing. ATLA Alternatives To Laboratory Animals, 1994, 22, 314-348.	0.7	86
21	Use of ozone and/or UV in the treatment of effluents from board paper industry. Chemosphere, 2005, 60, 1111-1117.	4.2	85
22	Triplet Excited States as Chiral Reporters for the Binding of Drugs to Transport Proteins. Journal of the American Chemical Society, 2005, 127, 10134-10135.	6.6	84
23	PHOTOLYTIC DEGRADATION OF IBUPROFEN. TOXICITY OF THE ISOLATED PHOTOPRODUCTS ON FIBROBLASTS and ERYTHROCYTES. Photochemistry and Photobiology, 1987, 46, 991-996.	1.3	80
24	PHOTODYNAMIC LIPID PEROXIDATION BY THE PHOTOSENSITIZING NONSTEROIDAL ANTIINFLAMMATORY DRUGS SUPROFEN AND TIAPROFENIC ACID. Photochemistry and Photobiology, 1994, 59, 35-39.	1.3	79
25	Ozonisation coupled with biological degradation for treatment of phenolic pollutants: a mechanistically based study. Chemosphere, 2003, 53, 79-86.	4.2	79
26	Phototoxicity Associated with Diclofenac:Â A Photophysical, Photochemical, and Photobiological Study on the Drug and Its Photoproducts. Chemical Research in Toxicology, 1998, 11, 946-952.	1.7	72
27	Photo-Fenton reaction for the abatement of commercial surfactants in a solar pilot plant. Solar Energy, 2004, 77, 559-566.	2.9	72
28	A molecular tool kit for the variable design of logic operations (NOR, INH, EnNOR). Chemical Communications, 2006, , 2051.	2.2	70
29	Triplet Excited Fluoroquinolones as Mediators for Thymine Cyclobutane Dimer Formation in DNA. Journal of Physical Chemistry B, 2007, 111, 7409-7414.	1.2	70
30	6-Endo-Dig vs. 5-Exo-Dig ring closure in o-hydroxyaryl phenylethynyl ketones. A new approach to the synthesis of flavones and aurones. Journal of Organic Chemistry, 1986, 51, 4432-4436.	1.7	69
31	Photosensitized DNA Damage: The Case of Fluoroquinolones^{â€}. Photochemistry and Photobiology, 2009, 85, 861-868.	1.3	66
32	Photosensitivity induced by fibric acid derivatives and its relation to photocontact dermatitis to ketoprofen. Journal of the American Academy of Dermatology, 1992, 27, 204-208.	0.6	62
33	Acridine yellow as solar photocatalyst for enhancing biodegradability and eliminating ferulic acid as model pollutant. Applied Catalysis B: Environmental, 2007, 73, 220-226.	10.8	59
34	An inhibit (INH) molecular logic gate based on 1,8-naphthalimide-sensitised europium luminescence. Photochemical and Photobiological Sciences, 2004, 3, 639.	1.6	57
35	New photodegradation pathways for Naproxen, a phototoxic non-steroidal anti-inflammatory drug. Journal of Photochemistry and Photobiology A: Chemistry, 1990, 54, 131-134.	2.0	55
36	Triarylmethylium Cations Encapsulated within Zeolite Supercages. Journal of the American Chemical Society, 1996, 118, 11006-11013.	6.6	54

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37	Timeâ€Resolved Near Infrared Studies on Singlet Oxygen Production by the Photosensitizing 2â€Arylpropionic Acids*. Photochemistry and Photobiology, 1997, 65, 828-832.	1.3	54
38	(5â€²S)- and (5â€²R)-5â€²,8-Cyclo-2â€²-deoxyguanosine: Mechanistic Insights on the 2â€²-Deoxyguanosin-5â€²-yl Radical Cyclization. Chemical Research in Toxicology, 2007, 20, 1820-1824.	1.7	54
39	Selective Fluorescence Sensing of Li+in an Aqueous Environment by a Ferroceneâ^'Anthracene-Linked Dyad. Organic Letters, 2004, 6, 4599-4602.	2.4	53
40	Photochemical Properties of Ofloxacin Involved in Oxidative DNA Damage:Â A Comparison with Rufloxacin. Chemical Research in Toxicology, 2003, 16, 562-570.	1.7	52
41	Pyrylium salt-photosensitised degradation of phenolic contaminants present in olive oil wastewaters with solar light. Applied Catalysis B: Environmental, 2001, 30, 437-444.	10.8	51
42	Proton-Induced Fluorescence Switching in Novel Naphthalimideâ^'Dansylamide Dyads. Journal of Organic Chemistry, 2005, 70, 10565-10568.	1.7	51
43	Photoactive assemblies of organic compounds and biomolecules: drugâ€“protein supramolecular systems. Chemical Society Reviews, 2014, 43, 4102-4122.	18.7	51
44	Damage to mitochondria of cultured human skin fibroblasts photosensitized by fluoroquinolones. Journal of Photochemistry and Photobiology B: Biology, 2000, 58, 20-25.	1.7	50
45	A Mechanistic Study on the Phototoxicity of Atorvastatin: Singlet Oxygen Generation by a Phenanthrene-like Photoproduct. Chemical Research in Toxicology, 2009, 22, 173-178.	1.7	49
46	An efficient carbonyl-alkene metathesis of bicyclic oxetanes: photoinduced electron transfer reduction of the PaternÃ²â€“BÃ¼chi adducts from 2,3-dihydrofuran and aromatic aldehydes. Photochemical and Photobiological Sciences, 2006, 5, 51-55.	1.6	48
47	Photophysical and Photochemical Characterization of a Photosensitizing Drug:Â A Combined Steady State Photolysis and Laser Flash Photolysis Study on Carprofenâ€. Chemical Research in Toxicology, 1997, 10, 820-827.	1.7	47
48	Stereodifferentiating Drugâ^'Biomolecule Interactions in the Triplet Excited State:Â Studies on Supramolecular Carprofen/Protein Systems and on Carprofenâ^'Tryptophan Model Dyads. Journal of Physical Chemistry B, 2007, 111, 423-431.	1.2	47
49	Photoreaction between 2-Benzoylthiophene and Phenol or Indole. Journal of Organic Chemistry, 2003, 68, 5104-5113.	1.7	46
50	Stereodifferentiation in the Photochemical Cycloreversion of Diastereomeric Methoxynaphthaleneâ^'Oxetane Dyads. Journal of Organic Chemistry, 2005, 70, 1376-1381.	1.7	45
51	Acid Zeolites as Electron Acceptors. Use of Thianthrene Radical Cation as a Probe. Chemistry of Materials, 1995, 7, 2136-2143.	3.2	44
52	Triplet Photoreactivity of the Diaryl Ketone Tiaprofenic Acid and Its Decarboxylated Photoproduct. Photobiological Implications. Photochemistry and Photobiology, 1998, 67, 420-425.	1.3	44
53	Drug-Photosensitized Protein Modification:Â Identification of the Reactive Sites and Elucidation of the Reaction Mechanisms with Tiaprofenic Acid/Albumin as Model Systemâ€. Chemical Research in Toxicology, 1998, 11, 172-177.	1.7	44
54	Pyrylium salt-photosensitized degradation of phenolic contaminants derived from cinnamic acid with solar light. Applied Catalysis B: Environmental, 2000, 28, 127-133.	10.8	44

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55	One- vs Two-Photon Processes in the Photochemistry of 1,n-Dihaloalkanes. Accounts of Chemical Research, 2001, 34, 717-726.	7.6	44
56	Role of Excited State Intramolecular Charge Transfer in the Photophysical Properties of Norfloxacin and Its Derivatives. Journal of Physical Chemistry A, 2006, 110, 2607-2612.	1.1	44
57	Hapten Synthesis and Production of Monoclonal Antibodies to DDT and Related Compounds. Journal of Agricultural and Food Chemistry, 1997, 45, 3694-3702.	2.4	43
58	Brevioxime:Â A New Juvenile Hormone Biosynthesis Inhibitor Isolated fromPenicillium brevicompactum. Journal of Organic Chemistry, 1997, 62, 8544-8545.	1.7	43
59	In vitro assessment of the phototoxicity of anti-inflammatory 2-arylpropionic acids. Toxicology in Vitro, 1991, 5, 451-455.	1.1	41
60	Photonucleophilic Aromatic Substitution of 6-Fluoroquinolones in Basic Media:â€‰ Triplet Quenching by Hydroxide Anion. Journal of Organic Chemistry, 2004, 69, 7256-7261.	1.7	41
61	Photochemistry of naproxen in the presence of Î²-cyclodextrin. Journal of Photochemistry and Photobiology A: Chemistry, 1997, 104, 119-121.	2.0	40
62	Lysosomes Are Sites of Fluoroquinolone Photosensitization in Human Skin Fibroblasts: A Microspectrofluorometric Approach*. Photochemistry and Photobiology, 1999, 70, 123-129.	1.3	40
63	Photosensitization of Thymine Nucleobase by Benzophenone Derivatives as Models for Photoinduced DNA Damage:Â Paternoâ€"BÃ¼chi vs Energy and Electron Transfer Processes. Chemical Research in Toxicology, 2004, 17, 857-862.	1.7	40
64	Metalâ€Free Photocatalytic Reductive Dehalogenation Using Visibleâ€Light: A Timeâ€Resolved Mechanistic Study. European Journal of Organic Chemistry, 2017, 2017, 2164-2169.	1.2	40
65	Lysosomes are sites of fluoroquinolone photosensitization in human skin fibroblasts: a microspectrofluorometric approach. Photochemistry and Photobiology, 1999, 70, 123-9.	1.3	39
66	Enantioselective Discrimination in the Intramolecular Quenching of an Excited Aromatic Ketone by a Ground-State Phenol. Journal of the American Chemical Society, 1999, 121, 11569-11570.	6.6	38
67	Excited State Enantiodifferentiating Interactions between a Chiral Benzophenone Derivative and Nucleosides. Journal of the American Chemical Society, 2005, 127, 12774-12775.	6.6	38
68	Piroxicam-induced photosensitivity and contact sensitivity to thiosalicylic acid. Journal of the American Academy of Dermatology, 1990, 23, 479-483.	0.6	37
69	Laser Flash, Laser-Drop, and Preparative Photochemistry of 1,5-Diiodo-1,5-diphenylpentane. Detection of a Hypervalent Iodine Radical Intermediate. Journal of the American Chemical Society, 1995, 117, 5049-5054.	6.6	37
70	Transient Species in the Photochemistry of Tiaprofenic Acid and Its Decarboxylated Photoproduct*. Photochemistry and Photobiology, 1998, 68, 633-639.	1.3	37
71	Isolation, Structural Assignment, and Synthesis ofN-(2-Methyl-3-oxodecanoyl)-2-pyrroline, a New Natural Product fromPenicilliumbrevicompactumwith in Vivo Anti-Juvenile Hormone Activity. Journal of Organic Chemistry, 1998, 63, 8530-8535.	1.7	37
72	Allergic Reactions to Metamizole: Immediate and Delayed Responses. International Archives of Allergy and Immunology, 2016, 169, 223-230.	0.9	37

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73	PHOTOSENSITIZATION BY FENOFIBRATE. II. In vitro PHOTOTOXICITY OF THE MAJOR METABOLITES. Photochemistry and Photobiology, 1994, 59, 171-174.	1.3	36
74	Gas chromatographic-mass spectrometric study of photodegradation of carbamate pesticides. Journal of Chromatography A, 1996, 738, 225-231.	1.8	36
75	Triplet Reactivity and Regio-/Stereoselectivity in the Macrocyclization of Diastereomeric Ketoprofenâ˜Quencher ConjugatesviaRemote Hydrogen Abstractions. Journal of the American Chemical Society, 2007, 129, 7407-7420.	6.6	36
76	Photosensitization of DNA by 5â€Methylâ€2â€Pyrimidone Deoxyribonucleoside: (6â€4) Photoproduct as a Possible Trojan Horse. Angewandte Chemie - International Edition, 2013, 52, 6476-6479.	7.2	36
77	INVOLVEMENT OF DRUG-DERIVED PEROXIDES IN THE PHOTOTOXICITY OF NAPROXEN and TIAPROFENIC ACID. Photochemistry and Photobiology, 1993, 57, 486-490.	1.3	35
78	PHOTODEGRADATION AND in vitro PHOTOTOXICITY OF FENOFIBRATE, A PHOTOSENSITIZING ANTI-HYPEIUIPOPROTEINEMIC DRUG. Photochemistry and Photobiology, 1993, 58, 471-476.	1.3	35
79	Complexes between Fluorescent Cholic Acid Derivatives and Human Serum Albumin. A Photophysical Approach To Investigate the Binding Behavior. Journal of Physical Chemistry B, 2010, 114, 4710-4716.	1.2	35
80	p-Coumaric acid photodegradation with solar light, using a 2,4,6-triphenylpyrylium salt as photosensitizer A comparison with other oxidation methods. Applied Catalysis B: Environmental, 1999, 23, 205-214.	10.8	34
81	Inversion of 4-methoxybenzophenone triplet in aqueous solutions. Photochemical and Photobiological Sciences, 2002, 1, 704-708.	1.6	34
82	Characterisation of the lowest singlet and triplet excited states of S-flurbiprofen. Photochemical and Photobiological Sciences, 2004, 3, 1038-1041.	1.6	34
83	The photochemistry of 8-bromo-2â€²-deoxyadenosine. A direct entry to cyclopurine lesions. Photochemical and Photobiological Sciences, 2004, 3, 1042-1046.	1.6	34
84	Evaluation of ketoprofen (R, S and) phototoxicity by a battery of in vitro assays. Journal of Photochemistry and Photobiology B: Biology, 1995, 31, 133-138.	1.7	33
85	Development of an expert system rulebase for the prospective identification of photoallergens. Journal of Photochemistry and Photobiology B: Biology, 2000, 58, 54-61.	1.7	33
86	Steady-State and Time-Resolved Studies on Oxetane Cycloreversion Using (Thia)pyrylium Salts as Electron-Transfer Photosensitizers. Organic Letters, 2001, 3, 1965-1967.	2.4	33
87	Involvement of Triplet Excited States and Olefin Radical Cations in Electron-Transfer Cycloreversion of Four-Membered Ring Compounds Photosensitized by (Thia)pyrylium Salts. Journal of Organic Chemistry, 2002, 67, 4138-4142.	1.7	33
88	Type II Guanine Oxidation Photoinduced by the Antibacterial Fluoroquinolone Rufloxacin in Isolated DNA and in 2â€˜-Deoxyguanosine. Chemical Research in Toxicology, 2002, 15, 1142-1149.	1.7	33
89	A â€œCamel through the Eye of a Needleâ€: Direct Introduction of the TPP Ion inside Y-Zeolites by Formal Ion Exchange in Aqueous Medium. Angewandte Chemie - International Edition, 2003, 42, 1653-1655.	7.2	33
90	Photoinduced processes in naproxen-based chiral dyads. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2007, 8, 128-142.	5.6	33

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91	Cooperative effect of acid sites in the photocyclization of azobenzene within the zeolite microenvironment. Journal of the American Chemical Society, 1993, 115, 2177-2180.	6.6	32
92	Photochemical and Chemical Electron Transfer Reactions of Bicyclo[2.1.0]pentanes (Housanes) in Solution and in Zeolite Cavities. Journal of the American Chemical Society, 1996, 118, 2380-2386.	6.6	32
93	Insecticidal, Anti-juvenile Hormone, and Fungicidal Activities of Organic Extracts from DifferentPenicilliumSpecies and Their Isolated Active Components. Journal of Agricultural and Food Chemistry, 1999, 47, 2120-2124.	2.4	32
94	Intramolecular Interactions in the Triplet Excited States of Benzophenoneâ€“Thymine Dyads. Chemistry - A European Journal, 2006, 12, 553-561.	1.7	32
95	Studies on the synthesis of pentacyclic strychnos indole alkaloids. photocyclization of n-chloroacetyl-1,2,3,4,5,6-hexahydro-1,5-methanoazocino[4,3-b]indole derivatives. Tetrahedron, 1985, 41, 2557-2566.	1.0	31
96	Generation of Detectable Singlet Aryl Cations by Photodehalogenation of Fluoroquinolones. Journal of Physical Chemistry B, 2006, 110, 6441-6443.	1.2	31
97	Use of Triplet Excited States for the Study of Drug Binding to Human and Bovine Serum Albumins. ChemMedChem, 2006, 1, 1015-1020.	1.6	31
98	Experimental and Theoretical Studies on the Radical-Cation-Mediated Imino-Dielsâ€“Alder Reaction. Organic Letters, 2011, 13, 5116-5119.	2.4	30
99	Diastereomeric Differentiation in the Quenching of Excited States by Hydrogen Donors. Angewandte Chemie - International Edition, 2003, 42, 2531-2534.	7.2	29
100	Stereoselective fluorescence quenching by photoinduced electron transfer in naphthalene-amine dyads. Chemical Communications, 2003, , 1088-1089.	2.2	28
101	Stereodifferentiation in the Decay of Triplets and Biradicals Involved in Intramolecular Hydrogen Transfer from Phenols or Indoles to Ï€,Ï€* Aromatic Ketones. Journal of Organic Chemistry, 2004, 69, 374-381.	1.7	28
102	Different photodegradation behavior of barnidipine under natural and forced irradiation. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 215, 205-213.	2.0	28
103	Photophysical Probes To Assess the Potential of Cholic Acid Aggregates as Drug Carriers. Journal of Physical Chemistry B, 2012, 116, 10213-10218.	1.2	28
104	Photophysical properties of 5-substituted 2-thiopyrimidines. Photochemical and Photobiological Sciences, 2013, 12, 1460-1465.	1.6	28
105	Fluoroquinolone Photodegradation Influences Specific Basophil Activation. International Archives of Allergy and Immunology, 2013, 160, 377-382.	0.9	28
106	Hetero-cycloreversions Mediated by Photoinduced Electron Transfer. Accounts of Chemical Research, 2014, 47, 1359-1368.	7.6	28
107	Oxidatively Generated Lesions as Internal Photosensitizers for Pyrimidine Dimerization in DNA. ACS Chemical Biology, 2018, 13, 542-547.	1.6	28
108	Oxicam-induced photosensitivity. Journal of the American Academy of Dermatology, 1992, 26, 545-548.	0.6	27

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109	Stepwise Cycloreversion of Oxetane Radical Cations with Initial Câ^'O Bond Cleavage. Journal of the American Chemical Society, 2002, 124, 6532-6533.	6.6	27
110	Stability and performance of silica gel-supported triphenylpyrylium cation as heterogeneous photocatalyst. Catalysis Today, 2002, 76, 113-119.	2.2	27
111	Abatement of methidathion and carbaryl from aqueous solutions using organic photocatalysts. Catalysis Today, 2009, 144, 106-111.	2.2	27
112	Drugâ€"protein interactions assessed by fluorescence measurements in the real complexes and in model dyads. Chemical Physics Letters, 2010, 486, 147-153.	1.2	27
113	Oxidative decarboxylation of naproxen. Journal of Pharmaceutical Sciences, 1992, 81, 479-482.	1.6	26
114	A Photophysical and Photochemical Study of 6-Methoxy-2-naphthylacetic Acid, the Major Metabolite of the Phototoxic Nonsteroidal Antiinflammatory Drug Nabumetone. Photochemistry and Photobiology, 2000, 71, 173.	1.3	26
115	Pyrylium salt-photosensitized degradation of phenolic contaminants present in olive oil wastewater with solar lightPart III. Tyrosol and p-hydroxyphenylacetic acid. Applied Catalysis B: Environmental, 2002, 35, 167-174.	10.8	26
116	Chiral discrimination in the intramolecular abstraction of allylic hydrogens by benzophenone triplets. Chemical Communications, 2003, , 1592-1593.	2.2	26
117	Stereodifferentiation in the fluorescence of naproxenâ€"arginine salts in the solid state. Tetrahedron: Asymmetry, 2005, 16, 2167-2171.	1.8	26
118	The Long-Lived Triplet Excited State of an Elongated Ketoprofen Derivative and Its Interactions with Amino Acids and Nucleosides. Journal of Physical Chemistry B, 2007, 111, 8277-8282.	1.2	26
119	Dansyl Derivatives of Cholic Acid as Tools to Build Speciation Diagrams for Sodium Cholate Aggregation. Journal of Physical Chemistry Letters, 2011, 2, 782-785.	2.1	26
120	Gender and functional CYP2C and NAT2 polymorphisms determine the metabolic profile of metamizole. Biochemical Pharmacology, 2014, 92, 457-466.	2.0	26
121	Pyrazoles and Isoxazoles Derived from 2-Hydroxyaryl Phenylethynyl Ketones: Synthesis and Spectrophotometric Evaluation of Their Potential Applicability as Sunscreens. Heterocycles, 1991, 32, 1745.	0.4	25
122	In vitro photoperoxidation as an indicator of the potential phototoxicity of non-steroidal anti-inflammatory 2-arylpropionic acids. Toxicology in Vitro, 1993, 7, 523-526.	1.1	25
123	Photochemistry of allylphenol derivatives. Role of the phenolic and styrenic excited states in the behavior of bichromophoric cinnamylphenol. Journal of Organic Chemistry, 1994, 59, 197-202.	1.7	25
124	Isolation and Synthesis ofN-(2-Methyl-3-oxodec-8-enoyl)-2-pyrroline and 2-(Hept-5-enyl)-3-methyl-4-oxo-6,7,8,8a-tetrahydro-4H-pyrrolo[2,1-b]1,3-oxazine â€" Two New Fungal Metabolites with in vivo Anti-Juvenile-Hormone and Insecticidal Activity. European Journal of Organic Chemistry, 1999, 1999, 221-226.	1.2	25
125	Irreversible photo-oxidation of propranolol triggered by self-photogenerated singlet molecular oxygen. Photochemical and Photobiological Sciences, 2002, 1, 136-140.	1.6	25
126	The Role of Aromatic Radical Cations and Benzylic Cations in the 2,4,6-Triphenylpyrylium Tetrafluoroborate Photosensitized Oxidation of Ring-Methoxylated Benzyl Alcohols in CH2Cl2 Solution. Journal of Organic Chemistry, 2004, 69, 8874-8885.	1.7	25

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127	The Triplet State of a N-Phenylphthalimidine with High Intersystem Crossing Efficiency:â€‰Characterization by Transient Absorption Spectroscopy and DNA Sensitization Properties. Journal of Physical Chemistry B, 2004, 108, 14148-14153.	1.2	25
128	Development of a Monoclonal Immunoassay Selective for Chlorinated Cyclodiene Insecticides. Journal of Agricultural and Food Chemistry, 2004, 52, 2776-2784.	2.4	25
129	Diaryl Ketones as Photoactivators. Mini-Reviews in Organic Chemistry, 2006, 3, 117-135.	0.6	25
130	Excited-State Interactions in Flurbiprofenâ^'Tryptophan Dyads. Journal of Physical Chemistry B, 2007, 111, 9363-9371.	1.2	25
131	A photophysical approach to investigate the photooxidation mechanism of pesticides: Hydroxyl radical versus electron transfer. Applied Catalysis B: Environmental, 2011, 103, 48-53.	10.8	25
132	Photoinduced intersystem crossing in DNA oxidative lesions and epigenetic intermediates. Chemical Communications, 2020, 56, 4404-4407.	2.2	25
133	Photodegradation of piroxicam under aerobic conditions.. Journal of Photochemistry and Photobiology B: Biology, 1991, 8, 199-202.	1.7	24
134	Photochemistry of o-allylphenol. Identification of the minor products and new mechanistic proposals. Journal of Organic Chemistry, 1993, 58, 3304-3307.	1.7	24
135	Photodegradation of Dichlorprop and 2-Naphthoxyacetic Acid in Water. Combined GCâ^'MS and GCâ^'FTIR Study. Journal of Agricultural and Food Chemistry, 1997, 45, 1916-1919.	2.4	24
136	Reductive PET Cycloreversion of Oxetanes:Â Singlet Multiplicity, Regioselectivity, and Detection of Olefin Radical Anion. Journal of Organic Chemistry, 2003, 68, 10103-10108.	1.7	24
137	A mechanistic study on the oxidative photodegradation of 2,6-dichlorodiphenylamine-derived drugs: Photo-Fenton versus photocatalysis with a triphenylpyrylium salt. Applied Catalysis B: Environmental, 2013, 140-141, 412-418.	10.8	24
138	Zeolite-based heterogeneous photosensitizers containing triphenylpyrylium and dibenzotropylium cations. Modifications of the product selectivity in the cyclodimerization of 1,3-cyclohexadiene. Tetrahedron, 1996, 52, 7755-7760.	1.0	23
139	Tiaprofenic Acid-photosensitized Damage to Nucleic Acids: A Mechanistic Study Using Complementary in vitro Approaches. Photochemistry and Photobiology, 2000, 71, 499.	1.3	23
140	Photochemistry of 2-Hydroxy-4-trifluoromethylbenzoic Acid, Major Metabolite of the Photosensitizing Platelet Antiaggregant Drug TriflusalÂ¶. Photochemistry and Photobiology, 2001, 73, 463-468.	1.3	23
141	Mechanism of Triplet Photosensitized Dielsâ^'Alder Reaction between Indoles and Cyclohexadienes:Â Theoretical Support for an Adiabatic Pathway. Journal of Organic Chemistry, 2006, 71, 6932-6941.	1.7	23
142	Sepiolites as supporting material for organic sensitisers employed in heterogeneous solar photocatalysis. Journal of Molecular Catalysis A, 2007, 271, 221-226.	4.8	23
143	Dansyl-Labeled Cholic Acid as a Tool To Build Speciation Diagrams for the Aggregation of Bile Acids. Journal of Physical Chemistry B, 2012, 116, 14776-14780.	1.2	23
144	New photochemical approaches to the synthesis of chromones. Tetrahedron, 1987, 43, 143-148.	1.0	22

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