

Miguel A A Miranda

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6088934/miguel-a-a-miranda-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

539
papers

9,904
citations

45
h-index

71
g-index

604
ext. papers

10,674
ext. citations

5.5
avg, IF

6.03
L-index

#	Paper	IF	Citations
539	Organic photocatalysts for the oxidation of pollutants and model compounds. <i>Chemical Reviews</i> , 2012 , 112, 1710-50	68.1	302
538	2,4,6-Triphenylpyrylium Tetrafluoroborate as an Electron-Transfer Photosensitizer. <i>Chemical Reviews</i> , 1994 , 94, 1063-1089	68.1	276
537	Enantioselective intramolecular [2 + 2]-photocycloaddition reactions of 4-substituted quinolones catalyzed by a chiral sensitizer with a hydrogen-bonding motif. <i>Journal of the American Chemical Society</i> , 2011 , 133, 16689-97	16.4	177
536	Photosensitizing drugs containing the benzophenone chromophore. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1998 , 43, 1-26	6.7	170
535	A Colorimetric ATP Sensor Based on 1,3,5-Triarylpent-2-en-1,5-diones. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 2640-2643	16.4	155
534	Benzophenone photosensitized DNA damage. <i>Accounts of Chemical Research</i> , 2012 , 45, 1558-70	24.3	144
533	Photoreactivity of the nonsteroidal anti-inflammatory 2-arylpropionic acids with photosensitizing side effects. <i>Photochemistry and Photobiology</i> , 2001 , 74, 637-55	3.6	136
532	Photochemical and photobiological properties of ketoprofen associated with the benzophenone chromophore. <i>Photochemistry and Photobiology</i> , 1994 , 60, 96-101	3.6	134
531	Towards the development of colorimetric probes to discriminate between isomeric dicarboxylates. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 647-50	16.4	131
530	Synthesis and pharmacological evaluation of 2'-hydroxychalcones and flavones as inhibitors of inflammatory mediators generation. <i>Journal of Medicinal Chemistry</i> , 1995 , 38, 2794-7	8.3	111
529	Highly Efficient Photoinduced Electron Transfer with 2,4,6-Triphenylpyrylium Cation Incorporated inside Extra Large Pore Zeotype MCM-41. <i>Journal of the American Chemical Society</i> , 1994 , 116, 9767-9768	16.4	108
528	Solar photo-catalysis to remove paper mill wastewater pollutants. <i>Solar Energy</i> , 2005 , 79, 393-401	6.8	99
527	Scope and limitations of the TEMPO/EPR method for singlet oxygen detection: the misleading role of electron transfer. <i>Free Radical Biology and Medicine</i> , 2014 , 77, 64-70	7.8	97
526	Human serum albumin-mediated stereodifferentiation in the triplet state behavior of (S)- and (R)-carprofen. <i>Journal of the American Chemical Society</i> , 2004 , 126, 9538-9	16.4	94
525	The triplet energy of thymine in DNA. <i>Journal of the American Chemical Society</i> , 2006 , 128, 6318-9	16.4	86
524	Photosensitized pyrimidine dimerisation in DNA. <i>Chemical Science</i> , 2011 , 2, 1219	9.4	84
523	Photoinduced Electron Transfer within Zeolite Cavities: cis-Stilbene Isomerization Photosensitized by 2,4,6-Triphenylpyrylium Cation Imprisoned inside Zeolite Y. <i>Journal of the American Chemical Society</i> , 1994 , 116, 2276-2280	16.4	83

522	Triplet excited States as chiral reporters for the binding of drugs to transport proteins. <i>Journal of the American Chemical Society</i> , 2005 , 127, 10134-5	16.4	82
521	In Vitro Phototoxicity Testing: The Report and Recommendations of ECVAM Workshop 21,2. <i>ATLA Alternatives To Laboratory Animals</i> , 1994 , 22, 314-348	2.1	78
520	Filter-filter interactions. Photostabilization, triplet quenching and reactivity with singlet oxygen. <i>Photochemical and Photobiological Sciences</i> , 2010 , 9, 552-8	4.2	77
519	A blocked diketo form of avobenzene: photostability, photosensitizing properties and triplet quenching by a triazine-derived UVB-filter. <i>Photochemistry and Photobiology</i> , 2009 , 85, 178-84	3.6	74
518	Photodynamic lipid peroxidation by the photosensitizing nonsteroidal antiinflammatory drugs suprofen and tiaprofenic acid. <i>Photochemistry and Photobiology</i> , 1994 , 59, 35-9	3.6	72
517	Ozonisation coupled with biological degradation for treatment of phenolic pollutants: a mechanistically based study. <i>Chemosphere</i> , 2003 , 53, 79-86	8.4	71
516	Photo-Fenton reaction for the abatement of commercial surfactants in a solar pilot plant. <i>Solar Energy</i> , 2004 , 77, 559-566	6.8	70
515	Use of ozone and/or UV in the treatment of effluents from board paper industry. <i>Chemosphere</i> , 2005 , 60, 1111-7	8.4	69
514	Photolytic degradation of ibuprofen. Toxicity of the isolated photoproducts on fibroblasts and erythrocytes. <i>Photochemistry and Photobiology</i> , 1987 , 46, 991-6	3.6	69
513	A molecular tool kit for the variable design of logic operations (NOR, INH, EnNOR). <i>Chemical Communications</i> , 2006 , 2051-3	5.8	67
512	Triplet excited fluoroquinolones as mediators for thymine cyclobutane dimer formation in DNA. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 7409-14	3.4	63
511	Photosensitized DNA damage: the case of fluoroquinolones. <i>Photochemistry and Photobiology</i> , 2009 , 85, 861-8	3.6	60
510	Phototoxicity associated with diclofenac: a photophysical, photochemical, and photobiological study on the drug and its photoproducts. <i>Chemical Research in Toxicology</i> , 1998 , 11, 946-52	4	59
509	Photosensitivity induced by fibric acid derivatives and its relation to photocontact dermatitis to ketoprofen. <i>Journal of the American Academy of Dermatology</i> , 1992 , 27, 204-8	4.5	56
508	6-Endo-Dig vs. 5-Exo-Dig ring closure in o-hydroxyaryl phenylethynyl ketones. A new approach to the synthesis of flavones and aurones. <i>Journal of Organic Chemistry</i> , 1986 , 51, 4432-4436	4.2	56
507	Time-Resolved Near Infrared Studies on Singlet Oxygen Production by the Photosensitizing 2-Arylpropionic Acids*. <i>Photochemistry and Photobiology</i> , 1997 , 65, 828-832	3.6	52
506	Selective fluorescence sensing of Li ⁺ in an aqueous environment by a ferrocene-anthracene-linked dyad. <i>Organic Letters</i> , 2004 , 6, 4599-602	6.2	51
505	Acridine yellow as solar photocatalyst for enhancing biodegradability and eliminating ferulic acid as model pollutant. <i>Applied Catalysis B: Environmental</i> , 2007 , 73, 220-226	21.8	50

504	Proton-induced fluorescence switching in novel naphthalimide-dansylamide dyads. <i>Journal of Organic Chemistry</i> , 2005 , 70, 10565-8	4.2	50
503	(5'S)- and (5'R)-5',8-cyclo-2'-deoxyguanosine: mechanistic insights on the 2'-deoxyguanosin-5'-yl radical cyclization. <i>Chemical Research in Toxicology</i> , 2007 , 20, 1820-4	4	48
502	An inhibit (INH) molecular logic gate based on 1,8-naphthalimide-sensitised europium luminescence. <i>Photochemical and Photobiological Sciences</i> , 2004 , 3, 639-42	4.2	48
501	Photochemical properties of ofloxacin involved in oxidative DNA damage: a comparison with rifloxacin. <i>Chemical Research in Toxicology</i> , 2003 , 16, 562-70	4	48
500	Pyrylium salt-photosensitised degradation of phenolic contaminants present in olive oil wastewaters with solar light. <i>Applied Catalysis B: Environmental</i> , 2001 , 30, 437-444	21.8	48
499	Stereodifferentiating drug-biomolecule interactions in the triplet excited state: studies on supramolecular carprofen/protein systems and on carprofen-tryptophan model dyads. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 423-31	3.4	47
498	New photodegradation pathways for Naproxen, a phototoxic non-steroidal anti-inflammatory drug. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1990 , 54, 131-134	4.7	47
497	An efficient carbonyl-alkene metathesis of bicyclic oxetanes: photoinduced electron transfer reduction of the Paterno-B \ddot{u} hi adducts from 2,3-dihydrofuran and aromatic aldehydes. <i>Photochemical and Photobiological Sciences</i> , 2006 , 5, 51-5	4.2	46
496	Photoreaction between 2-benzoylthiophene and phenol or indole. <i>Journal of Organic Chemistry</i> , 2003 , 68, 5104-13	4.2	45
495	Triarylmethyl cations Encapsulated within Zeolite Supercages. <i>Journal of the American Chemical Society</i> , 1996 , 118, 11006-11013	16.4	45
494	Photoactive assemblies of organic compounds and biomolecules: drug-protein supramolecular systems. <i>Chemical Society Reviews</i> , 2014 , 43, 4102-22	58.5	44
493	Stereodifferentiation in the photochemical cycloreversion of diastereomeric methoxynaphthalene-oxetane dyads. <i>Journal of Organic Chemistry</i> , 2005 , 70, 1376-81	4.2	44
492	Role of excited state intramolecular charge transfer in the photophysical properties of norfloxacin and its derivatives. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 2607-12	2.8	44
491	Photophysical and photochemical characterization of a photosensitizing drug: a combined steady state photolysis and laser flash photolysis study on carprofen. <i>Chemical Research in Toxicology</i> , 1997 , 10, 820-7	4	40
490	Damage to mitochondria of cultured human skin fibroblasts photosensitized by fluoroquinolones. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2000 , 58, 20-5	6.7	40
489	A mechanistic study on the phototoxicity of atorvastatin: singlet oxygen generation by a phenanthrene-like photoproduct. <i>Chemical Research in Toxicology</i> , 2009 , 22, 173-78	4	39
488	Triplet Photoreactivity of the Diaryl Ketone Tiaprofenic Acid and Its Decarboxylated Photoproduct. Photobiological Implications. <i>Photochemistry and Photobiology</i> , 1998 , 67, 420-425	3.6	39
487	Photosensitization of thymine nucleobase by benzophenone derivatives as models for photoinduced DNA damage: Paterno-B \ddot{u} hi vs energy and electron transfer processes. <i>Chemical Research in Toxicology</i> , 2004 , 17, 857-62	4	39

486	Pyrylium salt-photosensitized degradation of phenolic contaminants derived from cinnamic acid with solar light. <i>Applied Catalysis B: Environmental</i> , 2000 , 28, 127-133	21.8	39
485	Drug-photosensitized protein modification: identification of the reactive sites and elucidation of the reaction mechanisms with tiaprofenic acid/albumin as model system. <i>Chemical Research in Toxicology</i> , 1998 , 11, 172-7	4	39
484	In vitro assessment of the phototoxicity of anti-inflammatory 2-arylpropionic acids. <i>Toxicology in Vitro</i> , 1991 , 5, 451-5	3.6	39
483	Brevioxime: A New Juvenile Hormone Biosynthesis Inhibitor Isolated from <i>Penicillium brevicompactum</i> . <i>Journal of Organic Chemistry</i> , 1997 , 62, 8544-8545	4.2	38
482	Photonucleophilic aromatic substitution of 6-fluoroquinolones in basic media: triplet quenching by hydroxide anion. <i>Journal of Organic Chemistry</i> , 2004 , 69, 7256-61	4.2	38
481	One- vs two-photon processes in the photochemistry of 1,n-dihaloalkanes. <i>Accounts of Chemical Research</i> , 2001 , 34, 717-26	24.3	38
480	Hapten Synthesis and Production of Monoclonal Antibodies to DDT and Related Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 3694-3702	5.7	37
479	Excited state enantiodifferentiating interactions between a chiral benzophenone derivative and nucleosides. <i>Journal of the American Chemical Society</i> , 2005 , 127, 12774-5	16.4	37
478	Lysosomes are sites of fluoroquinolone photosensitization in human skin fibroblasts: a microspectrofluorometric approach. <i>Photochemistry and Photobiology</i> , 1999 , 70, 123-9	3.6	37
477	Triplet reactivity and regio-/stereoselectivity in the macrocyclization of diastereomeric ketoprofen-quencher conjugates via remote hydrogen abstractions. <i>Journal of the American Chemical Society</i> , 2007 , 129, 7407-20	16.4	36
476	Photochemistry of naproxen in the presence of β -cyclodextrin. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1997 , 104, 119-121	4.7	34
475	Isolation, Structural Assignment, and Synthesis of N-(2-Methyl-3-oxodecanoyl)-2-pyrroline, a New Natural Product from <i>Penicillium brevicompactum</i> with in Vivo Anti-Juvenile Hormone Activity. <i>Journal of Organic Chemistry</i> , 1998 , 63, 8530-8535	4.2	34
474	Lysosomes Are Sites of Fluoroquinolone Photosensitization in Human Skin Fibroblasts: A Microspectrofluorometric Approach*. <i>Photochemistry and Photobiology</i> , 1999 , 70, 123-129	3.6	34
473	Acid Zeolites as Electron Acceptors. Use of Thianthrene Radical Cation as a Probe. <i>Chemistry of Materials</i> , 1995 , 7, 2136-2143	9.6	34
472	Piroxicam-induced photosensitivity and contact sensitivity to thiosalicylic acid. <i>Journal of the American Academy of Dermatology</i> , 1990 , 23, 479-83	4.5	34
471	Characterisation of the lowest singlet and triplet excited states of S-flurbiprofen. <i>Photochemical and Photobiological Sciences</i> , 2004 , 3, 1038-41	4.2	33
470	Inversion of 4-methoxybenzophenone triplet in aqueous solutions. <i>Photochemical and Photobiological Sciences</i> , 2002 , 1, 704-8	4.2	33
469	Photosensitization by fenofibrate. II. In vitro phototoxicity of the major metabolites. <i>Photochemistry and Photobiology</i> , 1994 , 59, 171-4	3.6	33

468	Involvement of drug-derived peroxides in the phototoxicity of naproxen and tiaprofenic acid. <i>Photochemistry and Photobiology</i> , 1993 , 57, 486-90	3.6	33
467	Complexes between fluorescent cholic acid derivatives and human serum albumin. a photophysical approach to investigate the binding behavior. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 4710-6	3.4	32
466	Steady-state and time-resolved studies on oxetane cycloreversion using (thia)pyrylium salts as electron-transfer photosensitizers. <i>Organic Letters</i> , 2001 , 3, 1965-7	6.2	32
465	Enantioselective Discrimination in the Intramolecular Quenching of an Excited Aromatic Ketone by a Ground-State Phenol. <i>Journal of the American Chemical Society</i> , 1999 , 121, 11569-11570	16.4	32
464	Evaluation of ketoprofen (R,S and R/S) phototoxicity by a battery of in vitro assays. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1995 , 31, 133-8	6.7	32
463	Metal-Free Photocatalytic Reductive Dehalogenation Using Visible-Light: A Time-Resolved Mechanistic Study. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 2164-2169	3.2	31
462	Photosensitization of DNA by 5-methyl-2-pyrimidone deoxyribonucleoside: (6-4) photoproduct as a possible Trojan horse. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 6476-9	16.4	31
461	Transient Species in the Photochemistry of Tiaprofenic Acid and Its Decarboxylated Photoproduct*. <i>Photochemistry and Photobiology</i> , 1998 , 68, 633-639	3.6	31
460	Photoinduced processes in naproxen-based chiral dyads. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2007 , 8, 128-142	16.4	31
459	A "camel through the eye of a needle": direct introduction of the TPP+ ion inside Y-zeolites by formal ion exchange in aqueous medium. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 1653-5	16.4	31
458	Type II guanine oxidation photoinduced by the antibacterial fluoroquinolone Rufloxacin in isolated DNA and in 2'-deoxyguanosine. <i>Chemical Research in Toxicology</i> , 2002 , 15, 1142-9	4	31
457	Use of triplet excited States for the study of drug binding to human and bovine serum albumins. <i>ChemMedChem</i> , 2006 , 1, 1015-20	3.7	30
456	p-Coumaric acid photodegradation with solar light, using a 2,4,6-triphenylpyrylium salt as photosensitizer: A comparison with other oxidation methods. <i>Applied Catalysis B: Environmental</i> , 1999 , 23, 205-214	21.8	30
455	Insecticidal, anti-juvenile hormone, and fungicidal activities of organic extracts from different <i>Penicillium</i> species and their isolated active components. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 2120-4	5.7	30
454	Laser Flash, Laser-Drop, and Preparative Photochemistry of 1,5-Diiodo-1,5-diphenylpentane. Detection of a Hypervalent Iodine Radical Intermediate. <i>Journal of the American Chemical Society</i> , 1995 , 117, 5049-5054	16.4	30
453	Intramolecular interactions in the triplet excited states of benzophenone-thymine dyads. <i>Chemistry - A European Journal</i> , 2005 , 12, 553-61	4.8	29
452	Gas chromatographic-mass spectrometric study of photodegradation of carbamate pesticides. <i>Journal of Chromatography A</i> , 1996 , 738, 225-31	4.5	29
451	Cooperative effect of acid sites in the photocyclization of azobenzene within the zeolite microenvironment. <i>Journal of the American Chemical Society</i> , 1993 , 115, 2177-2180	16.4	29

- 450 Photodegradation and in vitro phototoxicity of fenofibrate, a photosensitizing anti-hyperlipoproteinemic drug. *Photochemistry and Photobiology*, **1993**, 58, 471-6 3.6 29
- 449 Generation of detectable singlet aryl cations by photodehalogenation of fluoroquinolones. *Journal of Physical Chemistry B*, **2006**, 110, 6441-3 3.4 28
- 448 The photochemistry of 8-bromo-2'-deoxyadenosine. A direct entry to cyclopurine lesions. *Photochemical and Photobiological Sciences*, **2004**, 3, 1042-6 4.2 28
- 447 Stereodifferentiation in the decay of triplets and biradicals involved in intramolecular hydrogen transfer from phenols or indoles to pi,pi aromatic ketones. *Journal of Organic Chemistry*, **2004**, 69, 374-81 4.2 28
- 446 Fluoroquinolone photodegradation influences specific basophil activation. *International Archives of Allergy and Immunology*, **2013**, 160, 377-82 3.7 27
- 445 Diastereomeric differentiation in the quenching of excited states by hydrogen donors. *Angewandte Chemie - International Edition*, **2003**, 42, 2531-4 16.4 27
- 444 Stereoselective fluorescence quenching by photoinduced electron transfer in naphthalene-amine dyads. *Chemical Communications*, **2003**, 1088-9 5.8 27
- 443 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, 4138-42 4.2 27
- 442 Development of an expert system rulebase for the prospective identification of photoallergens. *Journal of Photochemistry and Photobiology B: Biology*, **2000**, 58, 54-61 6.7 27
- 441 Photophysical probes to assess the potential of cholic acid aggregates as drug carriers. *Journal of Physical Chemistry B*, **2012**, 116, 10213-8 3.4 26
- 440 Experimental and theoretical studies on the radical-cation-mediated imino-Diels-Alder reaction. *Organic Letters*, **2011**, 13, 5116-9 6.2 26
- 439 Pyrylium salt-photosensitized degradation of phenolic contaminants present in olive oil wastewater with solar light: Part III. Tyrosol and p-hydroxyphenylacetic acid. *Applied Catalysis B: Environmental*, **2002**, 35, 167-174 21.8 26
- 438 Chiral discrimination in the intramolecular abstraction of allylic hydrogens by benzophenone triplets. *Chemical Communications*, **2003**, 1592-1593 5.8 26
- 437 Dansyl Derivatives of Cholic Acid as Tools to Build Speciation Diagrams for Sodium Cholate Aggregation. *Journal of Physical Chemistry Letters*, **2011**, 2, 782-785 6.4 25
- 436 The Triplet State of a N-Phenylphthalimidine with High Intersystem Crossing Efficiency: Characterization by Transient Absorption Spectroscopy and DNA Sensitization Properties. *Journal of Physical Chemistry B*, **2004**, 108, 14148-14153 3.4 25
- 435 Stability and performance of silica gel-supported triphenylpyrylium cation as heterogeneous photocatalyst. *Catalysis Today*, **2002**, 76, 113-119 5.3 25
- 434 Stereodifferentiation in the fluorescence of naproxen-arginine salts in the solid state. *Tetrahedron: Asymmetry*, **2005**, 16, 2167-2171 25
- 433 Stepwise cycloreversion of oxetane radical cations with initial C-O bond cleavage. *Journal of the American Chemical Society*, **2002**, 124, 6532-3 16.4 25

432	Oxidative decarboxylation of naproxen. <i>Journal of Pharmaceutical Sciences</i> , 1992 , 81, 479-82	3.9	25
431	Photophysical properties of 5-substituted 2-thiopyrimidines. <i>Photochemical and Photobiological Sciences</i> , 2013 , 12, 1460-5	4.2	24
430	Drug-protein interactions assessed by fluorescence measurements in the real complexes and in model dyads. <i>Chemical Physics Letters</i> , 2010 , 486, 147-153	2.5	24
429	Different photodegradation behavior of barnidipine under natural and forced irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010 , 215, 205-213	4.7	24
428	Reductive PET cycloreversion of oxetanes: singlet multiplicity, regioselectivity, and detection of olefin radical anion. <i>Journal of Organic Chemistry</i> , 2003 , 68, 10103-8	4.2	24
427	Photochemical and Chemical Electron Transfer Reactions of Bicyclo[2.1.0]pentanes (Housanes) in Solution and in Zeolite Cavities. <i>Journal of the American Chemical Society</i> , 1996 , 118, 2380-2386	16.4	24
426	In vitro photoperoxidation as an indicator of the potential phototoxicity of non-steroidal anti-inflammatory 2-arylpropionic acids. <i>Toxicology in Vitro</i> , 1993 , 7, 523-6	3.6	24
425	Allergic Reactions to Metamizole: Immediate and Delayed Responses. <i>International Archives of Allergy and Immunology</i> , 2016 , 169, 223-30	3.7	23
424	Hetero-cycloreversions mediated by photoinduced electron transfer. <i>Accounts of Chemical Research</i> , 2014 , 47, 1359-68	24.3	23
423	Gender and functional CYP2C and NAT2 polymorphisms determine the metabolic profile of metamizole. <i>Biochemical Pharmacology</i> , 2014 , 92, 457-66	6	23
422	Excited-state interactions in flurbiprofen-tryptophan dyads. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 9363-71	3.4	23
421	Mechanism of triplet photosensitized Diels-Alder Reaction between indoles and cyclohexadienes: theoretical support for an adiabatic pathway. <i>Journal of Organic Chemistry</i> , 2006 , 71, 6932-41	4.2	23
420	Tiaprofenic acid-photosensitized damage to nucleic acids: a mechanistic study using complementary in vitro approaches. <i>Photochemistry and Photobiology</i> , 2000 , 71, 499-505	3.6	23
419	Photodegradation of piroxicam under aerobic conditions. The photochemical keys of the piroxicam enigma?. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1991 , 8, 199-202	6.7	23
418	Oxicam-induced photosensitivity. Patch and photopatch testing studies with tenoxicam and piroxicam photoproducts in normal subjects and in piroxicam-droxicam photosensitive patients. <i>Journal of the American Academy of Dermatology</i> , 1992 , 26, 545-8	4.5	23
417	Dansyl-labeled cholic acid as a tool to build speciation diagrams for the aggregation of bile acids. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 14776-80	3.4	22
416	A photophysical approach to investigate the photooxidation mechanism of pesticides: Hydroxyl radical versus electron transfer. <i>Applied Catalysis B: Environmental</i> , 2011 , 103, 48-53	21.8	22
415	Photodegradation of Dichlorprop and 2-Naphthoxyacetic Acid in Water. Combined GCMS and GCETIR Study. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 1916-1919	5.7	22

414	Degradation of Two Commercial Anionic Surfactants by Means of Ozone and/or UV Irradiation. <i>Environmental Engineering Science</i> , 2007 , 24, 790-794	2	22
413	The role of aromatic radical cations and benzylic cations in the 2,4,6-triphenylpyrylium tetrafluoroborate photosensitized oxidation of ring-methoxylated benzyl alcohols in CH ₂ Cl ₂ solution. <i>Journal of Organic Chemistry</i> , 2004 , 69, 8874-85	4.2	22
412	Photosensitization by drugs. <i>Pure and Applied Chemistry</i> , 2001 , 73, 481-486	2.1	22
411	Isolation and Synthesis of N-(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 [Two New Fungal Metabolites with in vivo Anti-Juvenile-Hormone and Insecticidal Activity. <i>European Journal of Organic Chemistry</i> , 2003 , 2003, 331-337	3.2	22
410	Pyrazoles and Isoxazoles Derived from 2-Hydroxyaryl Phenylethynyl Ketones: Synthesis and Spectrophotometric Evaluation of Their Potential Applicability as Sunscreens. <i>Heterocycles</i> , 1991 , 32, 1745	0.8	22
409	Oxidatively Generated Lesions as Internal Photosensitizers for Pyrimidine Dimerization in DNA. <i>ACS Chemical Biology</i> , 2018 , 13, 542-547	4.9	21
408	A mechanistic study on the oxidative photodegradation of 2,6-dichlorodiphenylamine-derived drugs: Photo-Fenton versus photocatalysis with a triphenylpyrylium salt. <i>Applied Catalysis B: Environmental</i> , 2013 , 140-141, 412-418	21.8	21
407	A photophysical and photochemical study of 6-methoxy-2-naphthylacetic acid, the major metabolite of the phototoxic nonsteroidal antiinflammatory drug nabumetone. <i>Photochemistry and Photobiology</i> , 2000 , 71, 173-7	3.6	21
406	Molecular basis of drug phototoxicity: photosensitized cell damage by the major photoproduct of tiaprofenic acid. <i>Photochemistry and Photobiology</i> , 1994 , 60, 586-90	3.6	21
405	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. <i>Tetrahedron</i> , 1985 , 41, 2557-2566	2.4	21
404	Abatement of methidathion and carbaryl from aqueous solutions using organic photocatalysts. <i>Catalysis Today</i> , 2009 , 144, 106-111	5.3	20
403	Transient absorption spectroscopy for determining multiple site occupancy in drug-protein conjugates. A comparison between human and bovine serum albumins using flurbiprofen methyl ester as a probe. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 2694-9	3.4	20
402	The long-lived triplet excited state of an elongated ketoprofen derivative and its interactions with amino acids and nucleosides. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 8277-82	3.4	20
401	Development of a monoclonal immunoassay selective for chlorinated cyclodiene insecticides. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 2776-84	5.7	20
400	Binding of naproxen enantiomers to human serum albumin studied by fluorescence and room-temperature phosphorescence. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 105, 67-73	4.4	19
399	Dansyl labeling to modulate the relative affinity of bile acids for the binding sites of human serum albumin. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 10518-24	3.4	19
398	Fluorescent benzofurazan-cholic acid conjugates for in vitro assessment of bile acid uptake and its modulation by drugs. <i>ChemMedChem</i> , 2009 , 4, 466-72	3.7	19
397	Photobinding of Tiaprofenic Acid and Suprofen to Proteins and Cells: A Combined Study Using Radiolabeling, Antibodies and Laser Flash Photolysis of Model Bichromophores. <i>Photochemistry and Photobiology</i> , 1998 , 68, 660-665	3.6	19

- 396 DNA Damage and Radical Reactions: Mechanistic Aspects, Formation in Cells and Repair Studies. *Chimia*, **2008**, 62, 742-749 1.3 19
- 395 Diaryl Ketones as Photoactivators. *Mini-Reviews in Organic Chemistry*, **2006**, 3, 117-135 1.7 19
- 394 Geometrical effects on the intramolecular quenching of π,π^* aromatic ketones by phenols and indoles. *Journal of Organic Chemistry*, **2004**, 69, 8618-25 4.2 19
- 393 Direct Photophysical Evidence for Quenching of the Triplet Excited State of 2,4,6-Triphenyl(thia)pyrylium Salts by 2,3-Diaryloxetanes. *Journal of Physical Chemistry A*, **2003**, 107, 2478-2482¹⁹ 3.8
- 392 Synthesis, loading control and preliminary tests of 2,4,6-triphenylpyrylium supported onto Y-zeolite as solar photocatalyst. *Catalysis Today*, **2005**, 101, 383-388 5.3 19
- 391 Photochemistry of 2-Hydroxy-4-trifluoromethylbenzoic Acid, Major Metabolite of the Photosensitizing Platelet Antiaggregant Drug Triflusal η . *Photochemistry and Photobiology*, **2001**, 73, 463-468 3.6 19
- 390 Absolute rate constants for water protonation of 1-(3-benzoylphenyl)alkyl carbanions. *Organic Letters*, **2002**, 4, 3083-5 6.2 19
- 389 Irreversible photo-oxidation of propranolol triggered by self-photogenerated singlet molecular oxygen. *Photochemical and Photobiological Sciences*, **2002**, 1, 136-40 4.2 19
- 388 Regio- and stereo-selectivity in the intramolecular quenching of the excited benzoylthiophene chromophore by tryptophan. *Chemical Communications*, **2000**, 2257-2258 5.8 19
- 387 Photobinding of drugs to cells as an indicator of potential photoallergy. *Toxicology in Vitro*, **1995**, 9, 499-503 5.03 19
- 386 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 2.4 19
- 385 Photochemistry of o-allylphenol. Identification of the minor products and new mechanistic proposals. *Journal of Organic Chemistry*, **1993**, 58, 3304-3307 4.2 19
- 384 Photosensitized Dehydrogenation of Flavanones to Flavones Using 2,4,6-Triphenylpyrylium Tetrafluoroborate (TPT). *Heterocycles*, **1989**, 29, 115 0.8 19
- 383 Photochemistry of 2,6-Dichlorodiphenylamine and 1-Chlorocarbazole, the Photoactive Chromophores of Diclofenac, Meclofenamic Acid and Their Major Photoproducts. *Photochemistry and Photobiology*, **1998**, 68, 640 3.6 19
- 382 Enhanced photostability of the anthracene chromophore in aqueous medium upon protein encapsulation. *Journal of Physical Chemistry B*, **2010**, 114, 11363-9 3.4 18
- 381 Unconjugated bile salts shuttle through hepatocyte peroxisomes for taurine conjugation. *Hepatology*, **2010**, 52, 2167-76 11.2 18
- 380 Pyrylium and thiopyrylium salts as electron transfer photosensitizers for the [27 \rightleftharpoons 27 \leftarrow] cyclodimerization of poly (vinyl cinnamate) in solution. *Journal of Photochemistry and Photobiology A: Chemistry*, **1998**, 113, 155-161 4.7 18
- 379 Sepiolites as supporting material for organic sensitizers employed in heterogeneous solar photocatalysis. *Journal of Molecular Catalysis A*, **2007**, 271, 221-226 18

378	Stereoselective intramolecular hydrogen abstraction by a chiral benzophenone derivative. <i>Chemical Communications</i> , 2002 , 280-1	5.8	18
377	Involvement of type I and type II mechanisms in the linoleic acid peroxidation photosensitized by tiaprofenic acid. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2000 , 58, 1-5	6.7	18
376	Antibodies directed to drug epitopes to investigate the structure of drug-protein photoadducts. Recognition of a common photobound substructure in tiaprofenic acid/ketoprofen cross-photoreactivity. <i>Chemical Research in Toxicology</i> , 2001 , 14, 1486-91	4	18
375	New photochemical approaches to the synthesis of chromones. <i>Tetrahedron</i> , 1987 , 43, 143-148	2.4	18
374	A New Synthesis of 4-Chromanones. <i>Heterocycles</i> , 1982 , 19, 1819	0.8	18
373	Photoinduced N-demethylation of rifloxacin and its methyl ester under aerobic conditions. <i>Photochemistry and Photobiology</i> , 2002 , 76, 252-8	3.6	18
372	A mechanistic study on photocatalysis by thiapyrylium salts. Photodegradation of dimethoate, alachlor and pyrimethanil under simulated sunlight. <i>Applied Catalysis B: Environmental</i> , 2012 , 123-124, 208-213	21.8	17
371	Solvent dependence of the photophysical properties of 2-chlorothioxanthone, the principal photoproduct of chlorprothixene. <i>Photochemistry and Photobiology</i> , 2011 , 87, 611-7	3.6	17
370	In situ Transient Absorption Spectroscopy to Assess Competition between Serum Albumin and Alpha-1-Acid Glycoprotein for Drug Transport. <i>Journal of Physical Chemistry Letters</i> , 2010 , 1, 829-833	6.4	17
369	Photobehavior of mixed n π / π triplets: simultaneous detection of the two transients, solvent-dependent hydrogen abstraction, and reequilibration upon protein binding. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 10768-74	3.4	17
368	Two-photon processes in the photo-Claisen and photo-Friesrearrangements. Direct observation of dienic ketenes generated by photolysis of transient cyclohexa-2,4-dienones. <i>Chemical Communications</i> , 1997 , 1487-1488	5.8	17
367	Involvement of triplet excited states in the electron transfer photodegradation of cinnamic acids using pyrylium and thiapyrylium salts as photocatalysts. <i>Photochemical and Photobiological Sciences</i> , 2007 , 6, 848-52	4.2	17
366	Proton, electron and energy transfer processes in excited phenol-olefin dyads. <i>Chemical Society Reviews</i> , 2005 , 34, 783-96	58.5	17
365	Wavelength-dependent stereodifferentiation in the fluorescence quenching of asymmetric naphthalene-based dyads by amines. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 2711-7	2.8	17
364	Efficient and selective photogeneration of cholesterol-derived radicals by intramolecular hydrogen abstraction in model dyads. <i>Organic Letters</i> , 2006 , 8, 4597-600	6.2	17
363	Oxidative degradation of 2,4-xylydine by photosensitization with 2,4,6-triphenylpyrylium: homogeneous and heterogeneous catalysis. <i>Chemosphere</i> , 2004 , 57, 1123-30	8.4	17
362	Intramolecular electron transfer between tyrosine and tryptophan photosensitized by a chiral pi,pi* aromatic ketone. <i>Chemistry - A European Journal</i> , 2005 , 11, 3443-8	4.8	17
361	Photochemistry of allylphenol derivatives. Role of the phenolic and styrenic excited states in the behavior of bichromophoric cinnamylphenol. <i>Journal of Organic Chemistry</i> , 1994 , 59, 197-202	4.2	17

360	Photochemistry of 5-aryl-2(3H)-furanones.. <i>Tetrahedron</i> , 1981 , 37, 2111-2114	2.4	17
359	Topological control in radical reactions of cholesterol in model dyads. <i>Chemical Science</i> , 2013 , 4, 1608	9.4	16
358	Photosensitization of DNA by 5-Methyl-2-Pyrimidone Deoxyribonucleoside: (6-4) Photoproduct as a Possible Trojan Horse. <i>Angewandte Chemie</i> , 2013 , 125, 6604-6607	3.6	16
357	Synthesis of new, UV-photoactive dansyl derivatives for flow cytometric studies on bile acid uptake. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 4973-80	3.9	16
356	Generation of reactive intermediates in photoallergic dermatitis. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2010 , 10, 303-8	3.3	16
355	Cholesterol-diaryl ketone stereoisomeric dyads as models for "clean" type I and type II photooxygenation mechanisms. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 860-7	3.9	16
354	Model studies on a carprofen derivative as dual photosensitizer for thymine dimerization and (6-4) photoproduct repair. <i>ChemBioChem</i> , 2007 , 8, 402-7	3.8	16
353	Determination of enantiomeric compositions by transient absorption spectroscopy using proteins as chiral selectors. <i>Chemistry - A European Journal</i> , 2008 , 14, 11284-7	4.8	16
352	Intramolecular electron transfer in diastereomeric naphthalene-amine dyads: a fluorescence and laser flash photolysis study. <i>Photochemical and Photobiological Sciences</i> , 2005 , 4, 69-74	4.2	16
351	Mechanism of lipid peroxidation photosensitized by tiaprofenic acid: product studies using linoleic acid and 1,4-cyclohexadienes as model substrates. <i>Photochemistry and Photobiology</i> , 2001 , 73, 359-65	3.6	16
350	Photochemistry of tiaprofenic acid, a nonsteroidal anti-inflammatory drug with phototoxic side effects. <i>Journal of Pharmaceutical Sciences</i> , 1992 , 81, 181-2	3.9	16
349	A short synthesis of dimethyl tricyclo[3.3.0.0 ^{3,7}]octane-1,5-dicarboxylate and its 3,7-dimethyl derivative. A new route to the tricyclo[3.3.0.0 ^{3,7}]octane skeleton. <i>Chemische Berichte</i> , 1988 , 121, 647-654		16
348	Enhanced photo(geno)toxicity of demethylated chlorpromazine metabolites. <i>Toxicology and Applied Pharmacology</i> , 2016 , 313, 131-137	4.6	15
347	Stereodifferentiation in the compartmentalized photooxidation of a protein-bound anthracene. <i>Organic Letters</i> , 2011 , 13, 3860-3	6.2	15
346	Photodegradation and photobinding of tiaprofenic acid: in vitro versus in vivo. <i>Photochemistry and Photobiology</i> , 1997 , 66, 432-5	3.6	15
345	Cycloreversion of azetidines via oxidative electron transfer. steady-state and time-resolved studies. <i>Organic Letters</i> , 2008 , 10, 5207-10	6.2	15
344	Positive photocatalysis of a Diels-Alder reaction by quenching of excited naphthalene-indole charge-transfer complex with cyclohexadiene. <i>Organic Letters</i> , 2007 , 9, 453-6	6.2	15
343	Pyrene-benzoylthiophene bichromophores as selective triplet photosensitizers. <i>Chemical Communications</i> , 2005 , 5569-71	5.8	15

342	Theoretical calculations on the cycloreversion of oxetane radical cations. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 2602-7	2.8	15
341	Isolation of N-(2-Methyl-3-oxodecanoyl)pyrrole and N-(2-Methyl-3-oxodec-8-enoyl)pyrrole, Two New Natural Products from <i>Penicillium brevicompactum</i> , and Synthesis of Analogues with Insecticidal and Fungicidal Activity. <i>Journal of Agricultural and Food Chemistry</i> , 1998 , 46, 4748-4753	5.7	15
340	Formation of dichloromethyl phenyl ethers as major products in the photo-Reimer-Tiemann reaction without base. <i>Tetrahedron</i> , 1995 , 51, 5825-5830	2.4	15
339	A general procedure for isotopic (deuterium) labelling of non-steroidal antiinflammatory 2-arylpropionic acids. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1994 , 34, 93-100	1.9	15
338	Immediate hypersensitivity reactions to ibuprofen and other arylpropionic acid derivatives. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016 , 71, 1048-56	9.3	14
337	Singlet oxygen production by pyrano and furano 1,4-naphthoquinones in non-aqueous medium. <i>Photochemical and Photobiological Sciences</i> , 2012 , 11, 1201-9	4.2	14
336	Experimental and theoretical studies on the mechanism of photochemical hydrogen transfer from 2-aminobenzimidazole to α and β aromatic ketones. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 11920-6	3.4	14
335	Synthesis of new 2-(2-hydroxyaryl)benzotriazoles and evaluation of their photochemical behavior as potential UV-filters. <i>Molecules</i> , 2010 , 15, 6205-16	4.8	14
334	Steady-state and laser flash photolysis studies on photochemical formation of 4-tert-butyl-4'-methoxydibenzoylmethane from its derivative via the Norrish Type II reaction in solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010 , 209, 153-157	4.7	14
333	Laser Flash, Laser-Drop, and Lamp Photolysis of 1,3-Dichloro-1,3-diphenylpropane. One-versus-Two-Photon Reaction Pathways. <i>Journal of Organic Chemistry</i> , 1997 , 62, 5713-5719	4.2	14
332	Phototoxicity of Drugs 1997 , 289-315		14
331	Novel [4+2] cycloaddition between thiobenzophenone and aryl-substituted alkenes via photoinduced electron transfer. <i>Organic Letters</i> , 2007 , 9, 3587-90	6.2	14
330	Chemical radiation studies of 8-bromo-2'-deoxyinosine and 8-bromoinosine in aqueous solutions. <i>Chemistry - A European Journal</i> , 2006 , 12, 7684-93	4.8	14
329	A Laser Flash Photolysis Study on Fenofibric Acid. <i>Photochemistry and Photobiology</i> , 1999 , 70, 853-857	3.6	14
328	Photodecarboxylation of 2-phenylpropionic acid in solution and included within β -cyclodextrin. <i>Tetrahedron</i> , 1995 , 51, 2953-2958	2.4	14
327	Characterization of persistent β -diphenyl substituted allyl cations within monodirectional acid zeolites. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 2477-2478		14
326	Lamp versus Laser Photolysis of a Bichromophoric Dichloroalkane: Chemical Evidence for the Two-Photon Generation of the 1,5-Diphenylpentanedyl Biradical. <i>Journal of Organic Chemistry</i> , 1996 , 61, 3773-3777	4.2	14
325	Photochemistry of the non-steroidal anti-inflammatory drugs, propionic acid-derived. <i>Die Pharmazie</i> , 1991 , 46, 767-71	1.5	14

324	A laser flash photolysis and pulse radiolysis study of primary photochemical processes of flumequine. <i>Photochemistry and Photobiology</i> , 2000 , 72, 451-7	3.6	14
323	Type I vs Type II photodegradation of pollutants. <i>Catalysis Today</i> , 2018 , 313, 161-166	5.3	14
322	Photocatalytic Treatment of Cork Wastewater Pollutants. Degradation of Gallic Acid and Trichloroanisole using Triphenyl(thia)pyrylium salts. <i>Applied Catalysis B: Environmental</i> , 2015 , 179, 433-438	21.8	13
321	The (6-4) Dimeric Lesion as a DNA Photosensitizer. <i>ChemPhysChem</i> , 2016 , 17, 1979-82	3.2	13
320	Reactivity of nucleosides with a hydroxyl radical in non-aqueous medium. <i>Chemistry - A European Journal</i> , 2012 , 18, 8024-7	4.8	13
319	Enhanced photosafety of cinacalcet upon complexation with serum albumin. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 1158-64	3.4	13
318	Site-dependent photo-fries rearrangement within serum albumins. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 2910-5	3.4	13
317	Photonucleophilic addition of the epsilon-amino group of lysine to a triflusal metabolite as a mechanistic key to photoallergy mediated by the parent drug. <i>ChemMedChem</i> , 2009 , 4, 1196-202	3.7	13
316	In situ transient spectroscopy for the study of glucuronidase activity within serum albumin. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 6861-5	3.4	13
315	Metabolomics in drug intolerance. <i>Current Drug Metabolism</i> , 2009 , 10, 947-55	3.5	13
314	2,4,6-triphenylpyrylium tetrafluoroborate-photosensitized Reactions of o-cinnamylphenols and o-hydroxystilbenes. <i>Tetrahedron</i> , 1997 , 53, 681-688	2.4	13
313	Influence of substitution at the benzylic position on the behavior of stereoisomeric phosphorus compounds as precursors of stabilized carbon-centered radicals. <i>Organic Letters</i> , 2005 , 7, 3869-72	6.2	13
312	Competition between Cyclization and Dehalogenation in the Photochemistry of Cinnamylphenols with Halogen Substituents at the Phenolic and Styrenic Chromophores. <i>Journal of Organic Chemistry</i> , 1998 , 63, 1323-1326	4.2	13
311	Phototoxicity of non-steroidal anti-inflammatory drugs: in vitro testing of the photoproducts of Butibufen and Flurbiprofen. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1992 , 13, 71-81	6.7	13
310	Application of the Photo-Fries Rearrangement of Aryl Dihydrocinnamates to the Synthesis of Flavonoids. <i>Heterocycles</i> , 1985 , 23, 1983	0.8	13
309	Impact of chirality on the photoinduced charge transfer in linked systems containing naproxen enantiomers. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 12733-41	3.6	13
308	Excited state interactions between flurbiprofen and tryptophan in drug-protein complexes and in model dyads. Fluorescence studies from the femtosecond to the nanosecond time domains. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 4727-34	3.6	12
307	New photoactive compounds to probe cholic acid and cholesterol inside mixed micelles. <i>Organic Letters</i> , 2013 , 15, 298-301	6.2	12

306	Time-resolved kinetic assessment of the role of singlet and triplet excited states in the photocatalytic treatment of pollutants at different concentrations. <i>Applied Catalysis B: Environmental</i> , 2017 , 203, 381-388	21.8	12
305	Naphthalene triplet excited state as a probe for the assessment of drug distribution in binary protein systems. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 4460-8	3.4	12
304	DFT study on the molecular mechanism of the [4 + 2] cycloaddition between thiobenzophenone and arylalkenes via radical cations. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 5718-22	2.8	12
303	Characterization, reactivity and photosensitizing properties of the triplet excited state of alpha-lapachone. <i>Physical Chemistry Chemical Physics</i> , 2008 , 10, 6645-52	3.6	12
302	Degradation of rosolic acid by advanced oxidation processes: ozonation vs. solar photocatalysis. <i>Desalination</i> , 2007 , 212, 114-122	10.3	12
301	Drug-biomolecule interactions in the excited states. <i>Pure and Applied Chemistry</i> , 2006 , 78, 2277-2286	2.1	12
300	Benzo[d]-1,2-oxaphospholes as precursors of stabilized C-centered radicals. <i>Organic Letters</i> , 2004 , 6, 561-4	6.2	12
299	Comparative study of the reactivities of substituted 3-(benzoyl)benzyl carbanions in water and in DMSO. <i>Journal of Organic Chemistry</i> , 2004 , 69, 7066-71	4.2	12
298	Diels-Alder reaction between indoles and cyclohexadienes photocatalyzed by pi,pi aromatic ketones. <i>Organic Letters</i> , 2004 , 6, 3905-8	6.2	12
297	In vitro studies on DNA-photosensitization by different drug stereoisomers. <i>Toxicology in Vitro</i> , 2003 , 17, 651-6	3.6	12
296	Entropy-controlled diastereoselectivity in the photocyclization of rigid derivatives of o-allylaniline. <i>Journal of Organic Chemistry</i> , 2002 , 67, 7915-8	4.2	12
295	Photobinding of carprofen to protein. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2000 , 58, 13-9	6.7	12
294	Mechanisms of drug photobinding to proteins: photobinding of suprofen to human serum albumin. <i>Toxicology in Vitro</i> , 2001 , 15, 333-7	3.6	12
293	Photocyclization of enol acetates of o-acetoxyacetophenones to chromones. <i>Tetrahedron Letters</i> , 1981 , 22, 1749-1750	2	12
292	Magnetic light and forbidden photochemistry: the case of singlet oxygen. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 11824-11831	7.1	11
291	Spin Selectivity in Chiral Linked Systems. <i>Chemistry - A European Journal</i> , 2018 , 24, 3882-3892	4.8	11
290	Direct detection of the triphenylpyrylium-derived short-lived intermediates in the photocatalyzed degradation of acetaminophen, acetamiprid, caffeine and carbamazepine. <i>Journal of Hazardous Materials</i> , 2018 , 356, 91-97	12.8	11
289	Two-channel dansyl/tryptophan emitters with a cholic acid bridge as reporters for local hydrophobicity within supramolecular systems based on bile salts. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 8499-504	3.9	11

- 288 A novel synthetic approach to tyrosine dimers based on pterin photosensitization. *Dyes and Pigments*, **2017**, 147, 67-74 4.6 11
- 287 Excited-state interactions in diastereomeric flurbiprofen-thymine dyads. *Journal of Physical Chemistry A*, **2012**, 116, 8807-14 2.8 11
- 286 Enhanced photochemical [6+2] electrocyclicization within the lipophilic protein binding site. *Organic Letters*, **2012**, 14, 1788-91 6.2 11
- 285 Ring splitting of azetidin-2-ones via radical anions. *Organic and Biomolecular Chemistry*, **2012**, 10, 7928-33 3.9 11
- 284 Sweet chiral porphyrins as singlet oxygen sensitizers for asymmetric Type II photooxygenation. *Photochemical and Photobiological Sciences*, **2011**, 10, 1431-5 4.2 11
- 283 Solvent effects in hydrogen abstraction from cholesterol by benzophenone triplet excited state. *Organic Letters*, **2011**, 13, 4096-9 6.2 11
- 282 Photoinduced electron-transfer cycloreversion of thietanes: the role of ion-molecule complexes. *Organic Letters*, **2010**, 12, 1884-7 6.2 11
- 281 Laser flash photolysis study of the triplet reactivity of beta-lapachones. *Photochemical and Photobiological Sciences*, **2008**, 7, 467-73 4.2 11
- 280 Photogeneration of 2-deoxyribonolactone in benzophenone-purine dyads. Formation of ketyl-C1' biradicals. *Organic Letters*, **2008**, 10, 4409-12 6.2 11
- 279 Stereodifferentiation in the formation and decay of the encounter complex in bimolecular electron transfer with photoactivated acceptors. *Chemical Communications*, **2005**, 3180-2 5.8 11
- 278 Stereoselectivity in the triplet decay of chiral benzophenone-naphthalene bichromophoric systems. *Photochemical and Photobiological Sciences*, **2004**, 3, 36-8 4.2 11
- 277 Photogeneration of o-quinone methides from o-cycloalkenylphenols. *Journal of Organic Chemistry*, **2003**, 68, 9643-7 4.2 11
- 276 Chemical and transient spectroscopic evidence for C2-C3 cleavage of 2,3-diaryloxetane radical cations. *Chemical Communications*, **2003**, 364-5 5.8 11
- 275 The 4,4'-(1,2-ethanediyl)bisbenzyl biradical: its generation, detection, and (photo)chemical behavior in solution. *Journal of Organic Chemistry*, **2001**, 66, 2717-21 4.2 11
- 274 Carbon-Carbon Bond Cleavage of the [2.2]Paracyclophane Radical Cation Generated by Electron Transfer Oxidation with Cerium(IV) Ammonium Nitrate. *Chemische Berichte*, **1994**, 127, 875-879 11
- 273 Preparation and photolysis of diaryl esters of acetylenedicarboxylic acid. *Tetrahedron*, **1992**, 48, 3437-3444 11
- 272 Cerium (IV)-Catalyzed Single Electron Transfer (SET) on Acenaphthene and 1,4-Dihydronaphtho-[1,8-d,e][1,2]diazepine: Chemical Evidence for Distinct Radical Cations. *Angewandte Chemie International Edition in English*, **1987**, 26, 797-798 11
- 271 Cyclic acetals as carbonyl blocking groups in the photo-fries rearrangement of acyl substituted aryl esters. *Tetrahedron*, **1985**, 41, 3131-3134 2.4 11

270	Photochemistry of 2(3H)- and 2(5H)-Furanones. <i>Heterocycles</i> , 1990 , 31, 751	0.8	11
269	Repair of a Dimeric Azetidone Related to the Thymine-Cytosine (6-4) Photoproduct by Electron Transfer Photoreduction. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6037-40	16.4	11
268	Triplet photosensitization mechanism of thymine by an oxidized nucleobase: from a dimeric model to DNA environment. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 25666-25675	3.6	11
267	Photoinduced intersystem crossing in DNA oxidative lesions and epigenetic intermediates. <i>Chemical Communications</i> , 2020 , 56, 4404-4407	5.8	10
266	Photosensitized Thymine Dimerization via Delocalized Triplet Excited States. <i>Chemistry - A European Journal</i> , 2015 , 21, 17051-6	4.8	10
265	Photosensitizing properties of triplet beta-lapachones in acetonitrile solution. <i>Photochemistry and Photobiology</i> , 2009 , 85, 153-9	3.6	10
264	Photolabile N-hydroxypyrid-2(1H)-one derivatives of guanine nucleosides: a new method for independent guanine radical generation. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 4965-72	3.9	10
263	2,4,6-Triphenylthiapyrylium cation as homogeneous solar photocatalyst. <i>Catalysis Today</i> , 2007 , 129, 37-43	3.3	10
262	Durability and photophysical properties of surfactant-covered porous silicon particles in aqueous suspensions. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2008 , 205, 2585-2588	1.6	10
261	Photochemical and photophysical properties of indoprofen. <i>Photochemistry and Photobiology</i> , 2003 , 77, 487-91	3.6	10
260	Electron-Transfer Cycloreversion of 2,3-Diaryloxetanes: Influence of the Substitution and the Photosensitizer on the Regioselectivity. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 1424-1431	3.2	10
259	A laser flash photolysis study of fenofibric acid in aqueous buffered media: unexpected triplet state inversion in a derivative of 4-alkoxybenzophenone. <i>Photochemistry and Photobiology</i> , 2002 , 75, 193-200	3.6	10
258	Chemical Evidence for Intramolecular Proton, Electron, and Energy Transfer in the Photochemistry of o-Allylphenol Derivatives. <i>Journal of Organic Chemistry</i> , 1995 , 60, 3243-3245	4.2	10
257	Unusual (1,2) Wittig rearrangement of a carbanion generated in neutral aqueous medium by photodecarboxylation of a phenoxyacetic acid analogue. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1994 , 78, 149-151	4.7	10
256	Influence of the stereochemistry on the rate of cyclization of and α -hydroxyaryl alkenyl ketones. Mechanistic implications. <i>Tetrahedron</i> , 1987 , 43, 2323-2328	2.4	10
255	Indirect hydroquinone succinylation via a photo-Fries rearrangement. Application to the synthesis of enol lactones. <i>Tetrahedron Letters</i> , 1980 , 21, 2281-2282	2	10
254	A New Synthesis of Precocene II and Precocene III Based on the Photo-Fries Rearrangement of a Sesamol Ester. <i>Heterocycles</i> , 1991 , 32, 1159	0.8	10
253	Photogeneration of Quinone Methides as Latent Electrophiles for Lysine Targeting. <i>Journal of Organic Chemistry</i> , 2018 , 83, 13019-13029	4.2	10

252	Photocatalytic degradation of phenolic pollutants using N-methylquinolinium and 9-mesityl-10-methylacridinium salts. <i>Catalysis Today</i> , 2019 , 328, 243-251	5.3	9
251	Photo(geno)toxicity changes associated with hydroxylation of the aromatic chromophores during diclofenac metabolism. <i>Toxicology and Applied Pharmacology</i> , 2018 , 341, 51-55	4.6	9
250	Photocatalytic functionalization for the synthesis of drugs and analogs. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2017 , 6, 139-149	7.9	9
249	Stereoselective binding of flurbiprofen enantiomers and their methyl esters to human serum albumin studied by time-resolved phosphorescence. <i>Chirality</i> , 2012 , 24, 840-6	2.1	9
248	Two-photon chemistry from upper triplet states of thymine. <i>Journal of the American Chemical Society</i> , 2013 , 135, 16714-9	16.4	9
247	Influence of drug encapsulation within mixed micelles on the excited state dynamics and accessibility to ionic quenchers. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 9327-32	3.4	9
246	Spin effects in intramolecular electron transfer in naproxen-N-methylpyrrolidine dyad. <i>Chemical Physics Letters</i> , 2011 , 516, 51-55	2.5	9
245	The photochemical reactivity of triplet Elapachone-3-sulfonic acid towards biological substrates. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 966-972	1.5	9
244	Coupling of phenoxy and alkyl radicals derived from the photolysis of phenol/ketone pairs: an intermolecular approach to the photo-Claisen rearrangement. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1998 , 117, 17-19	4.7	9
243	Ground and excited-state intramolecular interactions in phenol-lefin bichromophoric compounds. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998 , 2175-2180		9
242	Diastereodifferentiation of novel naphthalene dyads by fluorescence quenching and excimer formation. <i>ChemPhysChem</i> , 2006 , 7, 2175-83	3.2	9
241	Modification of Guanine with Photolabile N-Hydroxypyridine-2(1H)-thione: Monomer Synthesis, Oligonucleotide Elaboration, and Photochemical Studies. <i>Helvetica Chimica Acta</i> , 2006 , 89, 2371-2386	2	9
240	Primary photochemical processes of the phototoxic neuroleptic cyamemazine: a study by laser flash photolysis and steady-state irradiation. <i>Photochemistry and Photobiology</i> , 2004 , 80, 535-41	3.6	9
239	Involvement of oxirane intermediates in the electron transfer photooxygenation of 1,1- and 1,2-diarylethylenes sensitized by 2,4,6-triphenylpyrylium tetrafluoroborate. <i>Tetrahedron</i> , 1994 , 50, 8773-8780	2.4	9
238	In vitro phototoxicity of clofibrate. Photochemical and photohemolytic studies on its metabolite clofibric acid. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1993 , 21, 61-7	6.7	9
237	A new synthetic entry into the tricyclo[3.3.0.0 ^{3,7}] octane skeleton. <i>Tetrahedron Letters</i> , 1987 , 28, 1831-1832		9
236	Photochemistry and Photobiological Properties of Dicloran, a Postharvest Fungicide with Photosensitizing Side Effects. <i>Photochemistry and Photobiology</i> , 1998 , 67, 532-537	3.6	9
235	Enhanced Photodegradation of Synthetic Dyes Mediated by Ag ₃ PO ₄ -Based Semiconductors under Visible Light Irradiation. <i>Catalysts</i> , 2020 , 10, 774	4	9

234	Photosensitivity to Triflusal: Formation of a Photoadduct with Ubiquitin Demonstrated by Photophysical and Proteomic Techniques. <i>Frontiers in Pharmacology</i> , 2016 , 7, 277	5.6	9
233	Photochemical reactions of halogenated aromatic 1,3-diketones in solution studied by steady state, one- and two-color laser flash photolyses. <i>Photochemical and Photobiological Sciences</i> , 2015 , 14, 1673-84 ^{4.2}	4.2	8
232	Retarded photooxidation of cyamemazine in biomimetic microenvironments. <i>Photochemistry and Photobiology</i> , 2014 , 90, 1012-6	3.6	8
231	Oxetane ring enlargement through nucleophilic trapping of radical cations by acetonitrile. <i>Organic Letters</i> , 2012 , 14, 5700-3	6.2	8
230	Spin Chemistry Investigation of Peculiarities of Photoinduced Electron Transfer in Donor-Acceptor Linked System. <i>Applied Magnetic Resonance</i> , 2011 , 41, 205-220	0.8	8
229	Stereodifferentiation in fluorescence quenching within cholic acid aggregates. <i>Chemical Communications</i> , 2010 , 46, 4965-7	5.8	8
228	Photocyclization of 2-cinnamylphenols via excited state proton transfer (ESPT) involving the lowest-lying styrenic singlet. <i>Tetrahedron</i> , 1997 , 53, 14729-14736	2.4	8
227	Intramolecular exciplexes based on benzoxazole: photophysics and applications as fluorescent cation sensors. <i>Photochemical and Photobiological Sciences</i> , 2008 , 7, 633-41	4.2	8
226	Pyrene-benzoylthiophene exciplexes as selective catalysts for the [2+2] cycloaddition between cyclohexadiene and styrenes. <i>Organic Letters</i> , 2007 , 9, 2067-70	6.2	8
225	Detoxification of Aqueous Solutions Containing the Commercial Pesticide Metasystox by TiO ₂ -Mediated Solar Photocatalysis. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2007 , 129, 74-79	2.3	8
224	Laser flash photolysis of [3,n]paracyclophan-2-ones. Direct observation and chemical behavior of 4,4'-(1,n-alkanediyl)bisbenzyl biradicals. <i>Journal of Organic Chemistry</i> , 2002 , 67, 6131-5	4.2	8
223	Excited state interactions in phenol/olefin bichromophoric compounds: direct detection of an intramolecular exciplex. <i>Chemical Communications</i> , 2000 , 1747-1748	5.8	8
222	An In Vitro Approach to Drug Photoallergy: Use of Drug-directed Antibodies to Assess Photobinding of Non-steroidal Anti-inflammatories to Skin Cells. <i>Toxicology in Vitro</i> , 1999 , 13, 701-5	3.6	8
221	Norrish type I photoreaction in the presence of phenols; an intermolecular photo-Fries rearrangement. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 2009-2010		8
220	Photolysis of enol acetates and bromo derivatives of o-(acyloxy)acetophenones. <i>Liebigs Annalen Der Chemie</i> , 1985 , 1985, 589-598		8
219	Triplet Energy Transfer versus Excited State Cyclization as the Controlling Step in Photosensitized Bipyrimidine Dimerization. <i>Journal of Organic Chemistry</i> , 2019 , 84, 13329-13335	4.2	7
218	Mechanistic Studies on the Photoallergy Mediated by Fenofibric Acid: Photoreactivity with Serum Albumins. <i>Chemical Research in Toxicology</i> , 2016 , 29, 40-6	4	7
217	Photochemical formation of a fluorescent thymidine-pterin adduct in DNA. <i>Dyes and Pigments</i> , 2019 , 160, 624-632	4.6	7

- 216 Photooxygenation mechanisms in naproxen-amino acid linked systems. *Photochemical and Photobiological Sciences*, **2014**, 13, 224-30 4.2 7
- 215 A New Pathway for Protein Haptenation by β -Lactams. *Chemistry - A European Journal*, **2017**, 23, 13986-13994 7
- 214 Hydroxyl radical as an unlikely key intermediate in the photodegradation of emerging pollutants. *Photochemistry and Photobiology*, **2014**, 90, 1467-9 3.6 7
- 213 Time-resolved fluorescence study of exciplex formation in diastereomeric naproxen-pyrrolidine dyads. *Journal of Physical Chemistry B*, **2013**, 117, 16206-11 3.4 7
- 212 Potential phototoxicity of rosuvastatin mediated by its dihydrophenanthrene-like photoproduct. *Chemical Research in Toxicology*, **2011**, 24, 1779-85 4 7
- 211 Probing lipid peroxidation by using linoleic acid and benzophenone. *Chemistry - A European Journal*, **2011**, 17, 10089-96 4.8 7
- 210 Photochemical and photophysical properties of dibenzoylmethane derivatives within protein. *Photochemical and Photobiological Sciences*, **2011**, 10, 1474-9 4.2 7
- 209 Photoreaction between benzoylthiophenes and N-BOC-tryptophan methyl ester. *Photochemistry and Photobiology*, **2006**, 82, 231-6 3.6 7
- 208 Diastereomeric Differentiation in the Quenching of Excited States by Hydrogen Donors. *Angewandte Chemie*, **2003**, 115, 2635-2638 3.6 7
- 207 Isolation, structural assignment and insecticidal activity of (1R,2R,3R,4S)-1,2-epoxy-1-methyl-4-(1-methylethyl)-cyclohex-3-yl acetate, a natural product from *Minthostachys tomentosa*. *Tetrahedron: Asymmetry*, **2001**, 12, 677-683 7
- 206 Novel generation of an o-quinone methide from 2-(2'-cyclohexenyl)phenol by excited state intramolecular proton transfer and subsequent C-C fragmentation. *Chemical Communications*, **2002**, 2636-7 5.8 7
- 205 Triphenylpyrylium Tetrafluoroborate-Sensitized Photochemistry of the Terpenes Sabinene, β -Phellandrene, and β -Caryophyllene. *European Journal of Organic Chemistry*, **2000**, 2000, 1563-1567 3.2 7
- 204 Flash Photolysis of 1,3-Dichloro-1,3-diphenylpropane in Polar Solvents: Generation of a Stabilized β -Chloropropyl Cation, Subsequent Formation of a Propenyl Cation, and Nucleophilic Trapping of Both Cations. *Journal of Physical Chemistry A*, **1998**, 102, 5724-5727 2.8 7
- 203 Isolation of Cross-Coupling Products in Model Studies on the Photochemical Modification of Proteins by Tiaprofenic Acid. *European Journal of Organic Chemistry*, **1999**, 1999, 497-502 3.2 7
- 202 Five-Membered-Ring 9-I-2 Radicals: Direct Detection and Comparison with Other Hypervalent Iodine Radicals. *Organic Letters*, **1999**, 1, 1587-1589 6.2 7
- 201 Two-Photon Generation of the 1,4-Diphenyl-1,4-butanediyl Biradical: Direct Detection and Product Studies. *Journal of Organic Chemistry*, **1999**, 64, 7842-7845 4.2 7
- 200 Lamp versus laser photolysis of 1,3-dichloro-1,3-diphenylpropane in cyclohexane. Direct observation of 1,3-diphenylpropenyl radical. *Tetrahedron Letters*, **1996**, 37, 4923-4926 2 7
- 199 C₄H₇O₂⁺ ions. Thermochemistry in sulfuric acid solution and chemical-ionization mass spectra relationships. *Journal of Organic Chemistry*, **1987**, 52, 4790-4792 4.2 7

198	Toxic effects of the photoproducts of chlorpromazine on cultured hepatocytes. <i>Hepatology</i> , 1987 , 7, 349-54	11.2	7
197	Thermolysis of unsaturated dicarboxylic acids in sulfuric acid and oleum. A comparison with the CIMS fragmentation patterns. <i>Journal of Organic Chemistry</i> , 1988 , 53, 5480-5484	4.2	7
196	Photodegradation of nalidixic and tiaprofenic acids and nifedipine in aerobic conditions. <i>Photodermatology Photoimmunology and Photomedicine</i> , 1991 , 8, 218-21	2.4	7
195	Drug-DNA complexation as the key factor in photosensitized thymine dimerization. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 4951-4955	3.6	6
194	A photochemical and theoretical study of the triplet reactivity of furano- and pyrano-1,4-naphthoquinones towards tyrosine and tryptophan derivatives.. <i>RSC Advances</i> , 2019 , 9, 13386-13397	3.7	6
193	Photocages for protection and controlled release of bioactive compounds. <i>Chemical Communications</i> , 2016 , 52, 14215-14218	5.8	6
192	Analysis of mebendazole binding to its target biomolecule by laser flash photolysis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016 , 155, 1-6	6.7	6
191	Low field photo-CIDNP in the intramolecular electron transfer of naproxen-pyrrolidine dyads. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 901-7	3.6	6
190	Role of Association in Chiral Catalysis: From Asymmetric Synthesis to Spin Selectivity. <i>Chemistry - A European Journal</i> , 2018 , 24, 18587-18600	4.8	6
189	Sunscreen-Based Photocages for Topical Drugs: A Photophysical and Photochemical Study of A Diclofenac-Avobenzone Dyad. <i>Molecules</i> , 2018 , 23,	4.8	6
188	Generation of reactive aryl radical intermediates in the reductive photodehalogenation of itraconazole. <i>RSC Advances</i> , 2014 , 4, 2687-2693	3.7	6
187	Cycloreversion of β -lactams via photoinduced electron transfer. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 8428-32	3.9	6
186	Photodegradation of carbendazim sensitized by aromatic ketones. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013 , 256, 36-41	4.7	6
185	A comprehensive mechanistic study on the visible-light photocatalytic reductive dehalogenation of haloaromatics mediated by Ru(bpy) ₃ Cl ₂ . <i>Catalysis Science and Technology</i> , 2017 , 7, 4852-4858	5.5	6
184	Steric shielding Orbital interactions in triplet-triplet energy transfer. <i>Chemical Science</i> , 2015 , 6, 4035-4041	4.4	6
183	Drug-Drug Interactions within Protein Cavities Probed by Triplet-Triplet Energy Transfer. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 1603-7	6.4	6
182	Photophysics and photochemistry of z-chlorprothixene in acetonitrile. <i>Photochemistry and Photobiology</i> , 2009 , 85, 895-900	3.6	6
181	Photochemistry and Photobiological Properties of Dicloran, a Postharvest Fungicide with Photosensitizing Side Effects. <i>Photochemistry and Photobiology</i> , 1998 , 67, 532-537	3.6	6

180	Mechanistic studies on the photogeneration of o- and p-xylylenes from p-dichloroxylenes. <i>Chemical Communications</i> , 1998 , 1541-1542	5.8	6
179	Stereo-differentiation in the excited state behaviour of naphthalene-thymine dyads. <i>Chemical Communications</i> , 2005 , 2572-4	5.8	6
178	Singlet excited-state interactions in naphthalene-thymine dyads. <i>ChemPhysChem</i> , 2004 , 5, 1704-9	3.2	6
177	Di- π -methane photorearrangement of trans-1,3-diphenylpropene upon excitation to higher singlet states in polar solvents. <i>Chemical Communications</i> , 2000 , 2341-2342	5.8	6
176	Temperature-dependent photochemistry of 1,3-diphenylpropenes. The di- π -methane reaction revisited. <i>Journal of the American Chemical Society</i> , 2001 , 123, 11883-9	16.4	6
175	Synthesis and biological evaluation of new analogues of the active fungal metabolites N-(2-methyl-3-oxodecanoyl)-2-pyrroline and N-(2-methyl-3-oxodec-8-enoyl)-2-pyrroline. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 3866-71	5.7	6
174	Photochemistry of Acyl-Alkyl Biradicals. <i>Journal of Organic Chemistry</i> , 1999 , 64, 3802-3803	4.2	6
173	Thermal and photochemical reactions of bicyclic azoalkanes in concentrated sulfuric acid. <i>Journal of Organic Chemistry</i> , 1987 , 52, 5498-5500	4.2	6
172	Novel photoreactions of chromene derivatives. The photolysis of 4-acetoxy-2-chromene.. <i>Tetrahedron</i> , 1987 , 43, 999-1002	2.4	6
171	Photolytic degradation of benorylate: effects of the photoproducts on cultured hepatocytes. <i>Journal of Pharmaceutical Sciences</i> , 1987 , 76, 374-8	3.9	6
170	Generation of the 1,4-diphenylcyclohexane-1,4-diyl radical cation by CeIV-catalysed denitrogenation of the azoalkane 1,4-diphenyl-2,3-diazabicyclo[2.2.2]oct-2-ene and its reluctance to undergo Cope rearrangement. <i>Journal of the Chemical Society Chemical Communications</i> , 1988 , 142-143		6
169	2?-Acetoxy-2-hydroxy-5-methoxybenzophenone. <i>Tetrahedron</i> , 1982 , 38, 1523-1526	2.4	6
168	Blocking cyclobutane pyrimidine dimer formation by steric hindrance. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 4110-5	3.9	6
167	Synthesis and Chemiluminescent Properties of Amino-Acylated luminol Derivatives Bearing Phosphonium Cations. <i>Molecules</i> , 2019 , 24,	4.8	6
166	In vitro assessment of the photo(geno)toxicity associated with Lapatinib, a Tyrosine Kinase inhibitor. <i>Archives of Toxicology</i> , 2021 , 95, 169-178	5.8	6
165	Experimental and Theoretical Study on the Cycloreversion of a Nucleobase-Derived Azetidine by Photoinduced Electron Transfer. <i>Chemistry - A European Journal</i> , 2018 , 24, 15346-15354	4.8	5
164	Chemical Modifications of Globular Proteins Phototriggered by an Endogenous Photosensitizer. <i>Chemical Research in Toxicology</i> , 2019 , 32, 2250-2259	4	5
163	Examples for biological reactivity involving free radicals followed by CIDNP. <i>Molecular Physics</i> , 2013 , 111, 2992-2998	1.7	5

162	Experimental and theoretical (DFT) characterization of the excited states and N-centered radical species derived from 2-aminobenzimidazole, the core substructure of a family of bioactive compounds. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 6608-13	3.4	5
161	Photoinduced processes in flurbiprofen-ibarprofen dyads. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009 , 207, 52-57	4.7	5
160	Pyrene-indole exciplexes as positive photocatalysts. <i>Journal of Organic Chemistry</i> , 2009 , 74, 3232-5	4.2	5
159	Dual behaviour of sepiolites as single electron acceptors or Lewis acids: Reactivity of two acetoxystyrenes adsorbed on a iron(III)-exchanged sepiolite. <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , 2010 , 111, 126-128		5
158	Mechanisms of photosensitization by drugs: Involvement of tyrosines in the photomodification of proteins mediated by tiaprofenic acid in vitro. <i>Toxicology in Vitro</i> , 1997 , 11, 653-9	3.6	5
157	Photophysical characterization and flow cytometry applications of cholylamidofluorescein, a fluorescent bile acid scaffold. <i>Photochemical and Photobiological Sciences</i> , 2008 , 7, 860-6	4.2	5
156	Solar one-way photoisomerisation of 5',8-cyclo-2'-deoxyadenosine. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 1083-6	3.9	5
155	Triplet exciplexes as energy transfer photosensitisers. <i>Chemical Communications</i> , 2006 , 1021-3	5.8	5
154	Primary steps of the photochemical reactions of 2-cyano-10-(3-[dimethylamino, N-oxide]-2-methylpropyl)-5-oxide-phenothiazine, the photoproduct of cyamemazine, a phototoxic neuroleptic: comparison with the sulfoxide. <i>Photochemical and Photobiological Sciences</i> , 2006 , 5, 336-42	4.2	5
153	Synthesis and biological evaluation of new analogues of the active fungal metabolites N-(2-methyl-3-oxodecanoyl)-2-pyrroline and N-(2-methyl-3-oxodec-8-enoyl)-2-pyrroline (II). <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 3682-8	5.7	5
152	Deacetalization by photoinduced electron transfer with a pyrylium salt: Effect of limiting the amounts of water, oxygen and sensitizer. <i>Tetrahedron</i> , 1996 , 52, 4911-4916	2.4	5
151	Photolysis of cyclic enol esters in the presence or absence of a single electron transfer photosensitizer. <i>Tetrahedron</i> , 1991 , 47, 9289-9296	2.4	5
150	Direct photolysis and electron transfer photooxygenation of enol acetates of 3-phenylpropiophenones. <i>Monatshefte Für Chemie</i> , 1993 , 124, 209-215	1.4	5
149	Photochemical versus aluminium chloride-catalyzed fries rearrangement of aryl hydrogen succinates. synthesis of 2(3H)-furanones. <i>Monatshefte Für Chemie</i> , 1989 , 120, 863-870	1.4	5
148	Isomerization versus Decarboxylation of Protonated Oxetanone: Comparison between Experimental Results and Theoretical Calculations. <i>Angewandte Chemie International Edition in English</i> , 1990 , 29, 1146-1147		5
147	Photolysis of Cyclic Acetals of Aryl Benzoylacetates as the Key Step in a New Synthesis of Flavones. <i>Heterocycles</i> , 1986 , 24, 2511	0.8	5
146	Modified photobehavior of carboxylic acid derivatives induced by protonation. <i>Tetrahedron</i> , 1987 , 43, 905-910	2.4	5
145	Cer(IV)-katalysierter Einelektronen-Transfer (SET) von Acenaphthen und 1,4-Dihydronaphtho-[1,8-de][1,2] diazepin: Chemischer Nachweis unterschiedlicher Radikalkationen. <i>Angewandte Chemie</i> , 1987 , 99, 818-819	3.6	5

144	The photochemistry of p-acetoxystyrene. <i>Tetrahedron Letters</i> , 1980 , 21, 3925-3926	2	5
143	Influence of enol acetylation on the photo-fries rearrangement of an ortho-acylaryl benzoate. <i>Liebigs Annalen Der Chemie</i> , 1982 , 1982, 2238-2243		5
142	Primary Photochemical Processes of the Phototoxic Neuroleptic Cyamemazine: A Study by Laser Flash Photolysis and Steady-state Irradiation. <i>Photochemistry and Photobiology</i> , 2004 , 80, 535	3.6	5
141	Building a Functionalizable, Potent Chemiluminescent Agent: A Rational Design Study on 6,8-Substituted Luminol Derivatives. <i>Journal of Organic Chemistry</i> , 2021 , 86, 11388-11398	4.2	5
140	Singlet oxygen production and in vitro phototoxicity studies on fenofibrate, mycophenolate mofetil, trifusal, and their active metabolites. <i>Journal of Physical Organic Chemistry</i> , 2017 , 30, e3722	2.1	4
139	Mapping a protein recognition centre with chiral photoactive ligands. An integrated approach combining photophysics, reactivity, proteomics and molecular dynamics simulation studies. <i>Chemical Science</i> , 2017 , 8, 2621-2628	9.4	4
138	Transient UV-vis absorption spectroscopic characterisation of 2'-methoxyacetophenone as a DNA photosensitiser. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 218, 191-195	4.4	4
137	Characterization of Locally Excited and Charge-Transfer States of the Anticancer Drug Lapatinib by Ultrafast Spectroscopy and Computational Studies. <i>Chemistry - A European Journal</i> , 2020 , 26, 15922-15930	4.8	4
136	Radical-mediated dehydrogenation of bile acids by means of hydrogen atom transfer to triplet carbonyls. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 2679-83	3.9	4
135	The triplet excited state of the bioactive compound thiabendazole. Characterization and suitability as reporter for cyclodextrin complexation. <i>Chemical Physics Letters</i> , 2012 , 525-526, 166-170	2.5	4
134	Stereodifferentiation in the intramolecular singlet excited state quenching of hydroxybiphenyl-tryptophan dyads. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 1958-63	3.9	4
133	Translocation versus cyclisation in radicals derived from N-3-alkenyl trichloroacetamides. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 3180-7	3.9	4
132	DFT study on the cycloreversion of thietane radical cations. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 5443-8	2.8	4
131	Colchicine-protein interactions revealed by transient absorption spectroscopy after in situ photoisomerization to lumicolchicines. <i>Chemical Physics Letters</i> , 2009 , 480, 305-308	2.5	4
130	Novel inhibitors of the mitochondrial respiratory chain: oximes and pyrrolines isolated from <i>Penicillium brevicompactum</i> and synthetic analogues. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 8296-301	5.7	4
129	Fast transient absorption spectroscopy of the early events in photoexcited chiral benzophenone-naphthalene dyads. <i>Chemical Physics Letters</i> , 2006 , 429, 276-281	2.5	4
128	Photosensitiser-controlled regioselectivity in the electron-transfer cycloreversion of 2,3-diphenyloxetanes. <i>Photochemical and Photobiological Sciences</i> , 2003 , 2, 848-50	4.2	4
127	Steady-state and time-resolved studies on the formation of skatolyl radicals photosensitized by 2-benzoylthiophene. <i>Photochemical and Photobiological Sciences</i> , 2003 , 2, 1200-4	4.2	4

126	Photochemical and structural properties of the cyclodextrin inclusion complexes of aryl-olefin bichromophores. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005 , 173, 349-357	4.7	4
125	Flash photolysis of (E)-1,2-bis(1-chloro-1-phenylmethyl)cyclopropane. Generation of 1,5-diphenylpentadienyl radical and 1,5-diphenylpentadienylium cation. <i>Journal of Organic Chemistry</i> , 2002 , 67, 1162-6	4.2	4
124	C(5)H(7)O(2)(+) ions: the correlation between their thermochemistry in acidic solution and their chemistry in the gas phase. <i>Journal of Organic Chemistry</i> , 2000 , 65, 964-8	4.2	4
123	Modification of the photochemical reactivity of β -diacetoxystilbene by adsorption onto a Fe ³⁺ -doped sepiolite: Comparison with the direct and 2,4,6-triphenylpyrylium-sensitized photolyses. <i>Tetrahedron</i> , 1995 , 51, 8113-8120	2.4	4
122	Modification of the photochemical reactivity of the cyclic ethylene acetal of α -bromopropiophenone by adsorption within zeolites. A combined contribution of Lewis acidity and cage effect in the formation of a 2-phenylpropanoate via 1,2-phenyl shift. <i>Journal of Organic Chemistry</i> , 1993 , 58, 6892-6894	4.2	4
121	Application of the Photo-Fries Rearrangement of Aryl N-Chloroacetyl anthranylates as Key Step in the Synthesis of 5-(2-Hydroxyphenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-ones. <i>Heterocycles</i> , 1993 , 36, 2335	0.8	4
120	C ₅ H ₉ O ₂ ⁺ ions: the correlation between their thermochemistry in acidic solution and their chemistry in the gas phase. <i>Journal of Organic Chemistry</i> , 1992 , 57, 6202-6206	4.2	4
119	Photochemistry of 7-acetoxybenzopyran derivatives. Synthesis of eupatoriochromene and enecalin. <i>Tetrahedron</i> , 1989 , 45, 7593-7600	2.4	4
118	Influence of the β -substitution on the photochemistry of β -diacetoxystyrenes. Irradiation of phenyl, vinyl, and benzyl derivatives. <i>Monatshefte für Chemie</i> , 1990 , 121, 267-274	1.4	4
117	Experimental and theoretical studies on thymine photodimerization mediated by oxidatively generated DNA lesions and epigenetic intermediates. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 25661-25668	3.6	4
116	Stereoselective Fluorescence Quenching in the Electron Transfer Photooxidation of Nucleobase-Related Azetidines by Cyanoaromatics. <i>Molecules</i> , 2016 , 21,	4.8	4
115	Photoactive bile salts with critical micellar concentration in the micromolar range. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 12976-82	3.6	4
114	Photocatalytic degradation of drugs in water mediated by acetylated riboflavin and visible light: A mechanistic study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021 , 221, 112250	6.7	4
113	Photochemistry of 2-hydroxy-4-trifluoromethylbenzoic acid, major metabolite of the photosensitizing platelet antiaggregant drug triflusal. <i>Photochemistry and Photobiology</i> , 2001 , 73, 463-8	3.6	4
112	Generation of the Thymine Triplet State by Through-Bond Energy Transfer. <i>Chemistry - A European Journal</i> , 2019 , 25, 7004-7011	4.8	3
111	Enhanced Drug Photosafety by Interchromophoric Interaction Owing to Intramolecular Charge Separation. <i>Chemistry - A European Journal</i> , 2018 , 24, 6654-6659	4.8	3
110	A mechanistic study on the potential of quinolinium salts as photocatalysts for the abatement of chlorinated pollutants. <i>Journal of Hazardous Materials</i> , 2018 , 351, 277-284	12.8	3
109	Photosensitization by imatinib. A photochemical and photobiological study of the drug and its substructures. <i>Chemical Research in Toxicology</i> , 2014 , 27, 1990-5	4	3

108	Bypassing the energy barrier of homolytic photodehalogenation in chloroaromatics through self-quenching. <i>Organic Letters</i> , 2013 , 15, 1314-7	6.2	3
107	Intraprotein formation of a long wavelength absorbing complex and inhibition of excited-state deprotonation in a chiral hydroxybiphenyl. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 14839-43	3.4	3
106	Transient absorption spectroscopy detection of sensitized delayed fluorescence in chiral benzophenone/naphthalene systems. <i>Chemical Physics Letters</i> , 2011 , 515, 194-196	2.5	3
105	Chiral synthetic pseudopeptidic derivatives as triplet excited state quenchers. <i>Tetrahedron Letters</i> , 2009 , 50, 4859-4862	2	3
104	Effects of bio-compatible metal ions on rifloxacin photochemistry, photophysics and photosensitization: copper(II). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2010 , 101, 295-303	6.7	3
103	Mechanism of Lipid Peroxidation Photosensitized by Tiaprofenic Acid: Product Studies Using Linoleic Acid and 1,4-Cyclohexadienes as Model Substrates¶. <i>Photochemistry and Photobiology</i> , 2007 , 73, 359-365	3.6	3
102	Photoreactivity of the Nonsteroidal Anti-inflammatory 2-Arylpropionic Acids with Photosensitizing Side Effects¶. <i>Photochemistry and Photobiology</i> , 2007 , 74, 637-655	3.6	3
101	Abatement of Industrial Sulfonic Pollutants by Ozone and UV Radiation. <i>Environmental Engineering Science</i> , 2004 , 21, 485-492	2	3
100	A theoretical analysis of the excited states in 2-benzoylthiophene. <i>Molecular Physics</i> , 2003 , 101, 1977-1987	2	3
99	Photoreactions of trans-1-o-Hydroxyphenyl-2-phenylcyclopropane. <i>Journal of Organic Chemistry</i> , 1999 , 64, 6541-6546	4.2	3
98	Influence of the intrazeolite microenvironment on the fate of the radical pairs formed by photolysis of 3-bromo-4-chromanone. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1995 , 86, 225-229	4.7	3
97	Photolysis of 3-Bromochroman-4-ones. <i>Heterocycles</i> , 1996 , 43, 339	0.8	3
96	Photolysis of benzyl chloride included in Na Y zeolite: product study evidence for the implication of benzyl cation. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 1041		3
95	Photorearrangement and electron transfer photooxidation of 1-acetoxy-1,2-diphenylcyclopropane. <i>Tetrahedron</i> , 1993 , 49, 10897-10902	2.4	3
94	Electron transfer photofragmentations of 3-phenylpropiophenones. <i>Monatshefte Für Chemie</i> , 1990 , 121, 371-375	1.4	3
93	Neighbouring group participation in the photolysis of aryl esters of unsaturated 1,4-dicarboxylic acids. <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , 1986 , 105, 233-234		3
92	A novel photochemical 1,4-acyl migration in enol esters. The photolysis of enol acetates of 3-phenylpropiophenones. <i>Tetrahedron Letters</i> , 1987 , 28, 3613-3614	2	3
91	Release of Inflammatory Mediators (PGE2, IL-6) by Fenofibric Acid-Photosensitized Human Keratinocytes and Fibroblasts. <i>Photochemistry and Photobiology</i> , 1998 , 68, 331	3.6	3

90	Assessment of the phototoxicity risk of new drugs. <i>Archives of Toxicology Supplement</i> , 1997 , 19, 249-58		3
89	Protein Binding of Lapatinib and Its N- and O-Dealkylated Metabolites Interrogated by Fluorescence, Ultrafast Spectroscopy and Molecular Dynamics Simulations. <i>Frontiers in Pharmacology</i> , 2020 , 11, 576495	5.6	3
88	A Combined Experimental and Theoretical Approach to the Photogeneration of 5,6-Dihydropyrimidin-5-yl Radicals in Nonaqueous Media. <i>Journal of Organic Chemistry</i> , 2016 , 81, 4031-8	4.2	3
87	Photobinding of Triflusal to Human Serum Albumin Investigated by Fluorescence, Proteomic Analysis, and Computational Studies. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1028	5.6	3
86	Spectroscopic characterization of dipicolinic acid and its photoproducts as thymine photosensitizers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 245, 118898	4.4	3
85	Release of inflammatory mediators (PGE2, IL-6) by fenofibric acid-photosensitized human keratinocytes and fibroblasts. <i>Photochemistry and Photobiology</i> , 1998 , 68, 331-6	3.6	3
84	Transient absorption spectroscopic studies on 4-nitroquinoline N-oxide: From femtoseconds to microseconds timescale. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 216, 265-272	4.4	2
83	Photomutagenicity of chlorpromazine and its N-demethylated metabolites assessed by NGS. <i>Scientific Reports</i> , 2020 , 10, 6879	4.9	2
82	Ultrafast Fluorescence Dynamics in Flurbiprofen-Amino Acid Dyads and in the Supramolecular Drug/Protein Complex. <i>Chimia</i> , 2017 , 71, 18-25	1.3	2
81	Influence of the spacer on the photoreactivity of flurbiprofen-tyrosine dyads. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016 , 322-323, 95-101	4.7	2
80	Triplet energy management between two signaling units through cooperative rigid scaffolds. <i>Chemical Communications</i> , 2016 , 52, 713-6	5.8	2
79	Assessment of drug entrapment within liposomes using photophysical probes. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 88, 551-5	5.7	2
78	Photooxidation mechanism of levomepromazine in different solvents. <i>Photochemistry and Photobiology</i> , 2013 , 89, 1479-89	3.6	2
77	Solar filters as feasible acceptors of atomic oxygen. <i>Photochemical and Photobiological Sciences</i> , 2013 , 12, 725-8	4.2	2
76	Configuration-Dependent Photoinduced Electron Transfer in Diastereomeric Naphthalene-Amino-Naphthalene Triads. <i>Chemistry - A European Journal</i> , 2015 , 21, 12940-6	4.8	2
75	Drug-Bubulin interactions interrogated by transient absorption spectroscopy. <i>RSC Advances</i> , 2015 , 5, 49451-49458	3.7	2
74	Erratum to Gas chromatographic-mass spectrometric study of photodegradation of carbamate pesticides [J. Chromatogr. A, 738 (1996) 225-31]. <i>Journal of Chromatography A</i> , 1997 , 761, 341	4.5	2
73	Concentration of radioactive waste solutions of iodine (I125) from radio immune analysis (RIA) using membrane techniques. <i>Desalination</i> , 1998 , 119, 185	10.3	2

72	Photochemistry of 2,6-D'ichlorodiphenylamine and 1-Chlorocarbazole, the Photoactive Chromophores of Diclofenac, Meclofenamic Acid and Their Major Photoproducts. <i>Photochemistry and Photobiology</i> , 1998 , 68, 640-645	3.6	2
71	Photocyclization of cinnamyl naphthols. <i>Tetrahedron</i> , 1998 , 54, 4337-4344	2.4	2
70	Enhanced reactivity in OH/NH/pi polyfunctional systems through coupled proton/electron transfer in the excited state: the photocyclisation of 2-allyl-3-aminophenol. <i>Chemical Communications</i> , 2005 , 1203-5	5.8	2
69	Photogeneration and reactivity of 1,n-diphenyl-1,n-azabiradicals. <i>Journal of Organic Chemistry</i> , 2006 , 71, 4439-44	4.2	2
68	Photochemistry of a naphthalene-thymine dyad in the presence of acetone. <i>Tetrahedron</i> , 2006 , 62, 1372-1377	1.7	2
67	Intramolecular excited-state interactions in phenol-ethylene bicromophoric systems: a photochemical and photophysical study. <i>Tetrahedron</i> , 2002 , 58, 115-120	2.4	2
66	Photophysical properties and fluorescence quenching of 2,3-diazabicyclo[2.2.2]oct-2-ene in zeolites. <i>Chemical Physics Letters</i> , 2002 , 359, 289-294	2.5	2
65	The Di-Methane Reaction of 3,3-Dimethyl-1,3-Diphenylpropene Revisited: Dynamics and Barriers for Competitive Singlet State Reactions. <i>Journal of the American Chemical Society</i> , 2000 , 122, 8571-8572	16.4	2
64	Photochemistry of 1,N-Diiodoalkanes. <i>Progress in Reaction Kinetics and Mechanism</i> , 2001 , 26, 139-158	0.5	2
63	A Four-Member Ring Hypervalent Iodine Radical. <i>Journal of Physical Chemistry A</i> , 1998 , 102, 9975-9977	2.8	2
62	Photochemical ortho-acylation of phenols with 1,1,1-trichloroethane. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1996 , 97, 151-153	4.7	2
61	Electron transfer oxidation of enol derivatives of 2,3-dihydrobenzopyran-4-ones. <i>Tetrahedron</i> , 1994 , 50, 7635-7644	2.4	2
60	Photolysis of 4-acetoxychromene adsorbed onto an Fe ³⁺ - exchanged sepiolite. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1991 , 59, 379-383	4.7	2
59	Direct observation and thermal transformations of dications derived from dibenzotropylium ions. <i>Tetrahedron</i> , 1992 , 48, 8465-8470	2.4	2
58	Unexpected formation of chroman-4-ones during the synthesis of 4-hydroxymethyl-2H-chromenes from 4-aryloxybut-2-yn-1-ols. <i>Tetrahedron Letters</i> , 1986 , 27, 2041-2042	2	2
57	Influence of metal dispersity on the decay of a Pt/NaY zeolite catalyst in the dehydrogenation of methylcyclohexane. <i>Reaction Kinetics and Catalysis Letters</i> , 1983 , 23, 153-158		2
56	Lysosomes Are Sites of Fluoroquinolone Photosensitization in Human Skin Fibroblasts: A Microspectrofluorometric Approach. <i>Photochemistry and Photobiology</i> , 1999 , 70, 123	3.6	2
55	Triplet excited States as a source of relevant (bio)chemical information. <i>Current Topics in Medicinal Chemistry</i> , 2014 , 14, 2734-42	3	2

54	Diels-Alder reaction between indoles and cyclohexadienes photocatalyzed by a (thia)pyrylium salt. <i>Arkivoc</i> , 2007 , 2007, 344-355	0.9	2
53	Regiochemical memory in the adiabatic photolysis of thymine-derived oxetanes. A combined ultrafast spectroscopic and CASSCF/CASPT2 computational study. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 20037-20042	3.6	2
52	Triplet stabilization for enhanced drug photorelease from sunscreen-based photocages. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 1752-1759	3.9	2
51	Triplet photoreactivity of the diaryl ketone tiaprofenic acid and its decarboxylated photoproduct. Photobiological implications. <i>Photochemistry and Photobiology</i> , 1998 , 67, 420-5	3.6	2
50	Degradation of Benzotriazole UV-stabilizers in the presence of organic photosensitizers and visible light: A time-resolved mechanistic study.. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022 , 230, 112444	6.7	2
49	Identification of a common recognition center for a photoactive non-steroidal antiinflammatory drug in serum albumins of different species. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 99-109	5.2	1
48	A Time-Resolved Study on the Reactivity of Alcoholic Drinks with the Hydroxyl Radical. <i>Molecules</i> , 2019 , 24,	4.8	1
47	Photosafety of the antidiabetic drug sitagliptin. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2019 , 35, 375-377	2.4	1
46	A Sunscreen-Based Photocage for Carbonyl Groups. <i>Chemistry - A European Journal</i> , 2020 , 26, 7205-7211	4.8	1
45	Photosensitized biphotonic chemistry of pyrimidine derivatives. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 2227-2232	3.9	1
44	A combined photophysical and computational study on the binding of mycophenolate mofetil and its major metabolite to transport proteins. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 199, 308-314	4.4	1
43	Hydrogen Abstraction from the C15 Position of the Cholesterol Skeleton. <i>Journal of Organic Chemistry</i> , 2019 , 84, 15184-15191	4.2	1
42	Photophysics and photochemistry of the Elapachone derived diphenyldihydrodioxin: generation and characterization of its cation radical. <i>Photochemical and Photobiological Sciences</i> , 2014 , 13, 1655-60	4.2	1
41	"Snorkelling" vs. "diving" in mixed micelles probed by means of a molecular bathymeter. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 10281-10288	3.9	1
40	Triplet excited state behavior of naphthalene-based pseudopeptides in the presence of energy donors. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 9957-62	3.4	1
39	Release of Inflammatory Mediators (PGE2, IL-6) by Fenofibric Acid-Photosensitized Human Keratinocytes and Fibroblasts. <i>Photochemistry and Photobiology</i> , 1998 , 68, 331-336	3.6	1
38	Tiaprofenic Acid-photosensitized Damage to Nucleic Acids: A Mechanistic Study Using Complementary in vitro Approaches. <i>Photochemistry and Photobiology</i> , 2007 , 71, 499-505	3.6	1
37	A Laser Flash Photolysis Study of Fenofibric Acid in Aqueous Buffered Media: Unexpected Triplet State Inversion in a Derivative of 4-Alkoxybenzophenone[. <i>Photochemistry and Photobiology</i> , 2007 , 75, 193-200	3.6	1

36	Intramolecular NH/ π complexes of 2-allylaniline derivatives in the ground and excited states. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 1758-63	2.8	1
35	Photo-Fries Reaction and Related Processes. <i>ChemInform</i> , 2004 , 35, no		1
34	Einlagerung von TPP ⁺ -Ionen in Y-Zeolithe durch formalen Ionenaustausch in wässrigem Medium. <i>Angewandte Chemie</i> , 2003 , 115, 1691-1693	3.6	1
33	Isomerisiert oder decarboxyliert protoniertes Oxetanon? Ein Vergleich experimenteller und theoretischer Befunde. <i>Angewandte Chemie</i> , 1990 , 102, 1187-1188	3.6	1
32	Silica gel-catalysed transacylation of 2,2'-disubstituted benzophenones. <i>Journal of Molecular Catalysis</i> , 1986 , 35, 191-199		1
31	Triplet Photoreactivity of the Diaryl Ketone Tiaprofenic Acid and Its Decarboxylated Photoproduct. Photobiological Implications 1998 , 67, 420		1
30	Transient Species in the Photochemistry of Tiaprofenic Acid and Its Decarboxylated Photoproduct* 1998 , 68, 633		1
29	Organic aspects. Oxygen-containing functions. <i>Photochemistry</i> , 146-173	1.8	1
28	Investigation of metabolite-protein interactions by transient absorption spectroscopy and in silico methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 226, 117652	4.4	1
27	Photobehavior of the antipsychotic drug cyamemazine in a supramolecular gel protective environment. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020 , 202, 111686	6.7	1
26	Regioselectivity in the adiabatic photocleavage of DNA-based oxetanes. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 9117-9123	3.9	1
25	Influence of the Linking Bridge on the Photoreactivity of Benzophenone-Thymine Conjugates. <i>Journal of Organic Chemistry</i> , 2020 , 85, 14068-14076	4.2	1
24	Theoretical Study on the Photo-Oxidation and Photoreduction of an Azetidine Derivative as a Model of DNA Repair. <i>Molecules</i> , 2021 , 26,	4.8	1
23	The in vitro assessment of the toxicity of volatile, oxidisable, redox-cycling compounds: phenols as an example. <i>Archives of Toxicology</i> , 2021 , 95, 2109-2121	5.8	1
22	Repair of a Dimeric Azetidine Related to the Thymine-Tyrosine (6-4) Photoproduct by Electron Transfer Photoreduction. <i>Angewandte Chemie</i> , 2016 , 128, 6141-6144	3.6	1
21	The (6 β) Dimeric Lesion as a DNA Photosensitizer. <i>ChemPhysChem</i> , 2016 , 17, 1943-1943	3.2	1
20	Photoprocesses of the tyrosine kinase inhibitor gefitinib: from femtoseconds to microseconds and from solution to cells. <i>Chemical Science</i> , 2021 , 12, 12027-12035	9.4	1
19	Bis(terpyridyl)-Ruthenium(II) Units Attached to Polyazacycloalkanes as Sensing Fluorescent Receptors For Transition Metal Ions 2000 , 2000, 741		1

18	Biomimetic photooxidation of noscapine sensitized by a riboflavin derivative in water: The combined role of natural dyes and solar light in environmental remediation.. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022 , 229, 112415	6.7	1
17	Organic photoredox catalysts for wastewater remediation: Beyond the established advanced oxidation processes. <i>Chemical Engineering Journal Advances</i> , 2022 , 11, 100296	3.6	1
16	Electron transfer reactions of 1-phenyl-4-vinylpyrazole mediated by cerium(IV) ammonium nitrate. <i>Monatshefte für Chemie</i> , 1993 , 124, 959-964	1.4	0
15	The Excited State Dynamics of a Mutagenic Cytidine Etheno Adduct Investigated by Combining Time-Resolved Spectroscopy and Quantum Mechanical Calculations.. <i>Journal of Physical Chemistry Letters</i> , 2021 , 251-257	6.4	0
14	Direct detection of the triphenylpyrylium-derived short-lived intermediates in the photocatalyzed degradation of acetaminophen, acetamiprid, caffeine and carbamazepine. <i>Journal of Hazardous Materials</i> , 2018 , 342, 633	12.8	
13	Xanthone-photosensitized detoxification of the veterinary anthelmintic fenbendazole. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013 , 264, 34-40	4.7	
12	Photo-Fries Reaction and Related Processes 2015 , 889-911		
11	Formation of Six-Membered (and Larger) Rings 287-318		
10	Primary Photochemical Processes of the Phototoxic Neuroleptic Cyamemazine: A Study by Laser Flash Photolysis and Steady-state Irradiation¶. <i>Photochemistry and Photobiology</i> , 2007 , 80, 535-541	3.6	
9	A Photophysical and Photochemical Study of 6-Methoxy-2-naphthylacetic Acid, the Major Metabolite of the Phototoxic Nonsteroidal Antiinflammatory Drug Nabumetone. <i>Photochemistry and Photobiology</i> , 2007 , 71, 173-177	3.6	
8	Photoinduced N-Demethylation of Rufloxacin and its Methyl Ester Under Aerobic Conditions¶. <i>Photochemistry and Photobiology</i> , 2007 , 76, 252-258	3.6	
7	Photochemical and Photophysical Properties of Indoprofen ¶. <i>Photochemistry and Photobiology</i> , 2007 , 77, 487-491	3.6	
6	Novel photohydration of non-conjugated aryl/olefin bichromophores within cyclodextrin cavities. <i>Chemical Communications</i> , 2001 , 2328-2329	5.8	
5	Competition between decarboxylation and isomerization in the C ₃ H ₅ O energy surface. Justification of the experimental results by molecular orbital calculations on the solvated ions. <i>Journal of Physical Organic Chemistry</i> , 1994 , 7, 221-226	2.1	
4	Intermolecular reactions of radical cations in the gas phase. Mass spectral evidence for an ion-molecule process leading to the dimerization of auronones. <i>Organic Mass Spectrometry</i> , 1989 , 24, 429-430		
3	The influence of intermediate carbenium ion stabilization on the mechanism of the acid-catalysed hydrolysis of acetoxystyrenes. <i>Journal of Molecular Catalysis</i> , 1985 , 31, 161-168		
2	Phototoxicity of Drugs 2012 , 1541-1555		
1	Biradical vs singlet oxygen photogeneration in suprofen-cholesterol systems. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 1196-202	2.5	

