

Kyriakos Papadopoulos

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis of diastereo- and enantiomerically pure $\hat{1}\pm$ -amino- $\hat{1}^3$ -oxo acid esters by reaction of acyliminoacetates with enamines derived from 6-membered ketones. <i>Tetrahedron</i> , 1985, 41, 1693-1701.	1.9	127
2	Asymmetric synthesis of $\hat{1}^2$ -substituted $\hat{1}$ -ketoesters via michael-additions of samp/ramp-hydrazones to $\hat{1}\pm, \hat{1}^2$ -unsaturated esters, virtually complete 1.6-asymmetric induction. <i>Tetrahedron Letters</i> , 1983, 24, 4967-4970.	1.4	73
3	Carbon Electrodes Modified by Nanoscopic Iron(III) Oxides to Assemble Chemical Sensors for the Hydrogen Peroxide Amperometric Detection. <i>Electroanalysis</i> , 2007, 19, 1850-1854.	2.9	69
4	Asymmetric Michael additions via SAMP-/RAMP-hydrazones anti-diastereo- and enantioselective synthesis of 3,4-disubstituted 5-oxo-alkanoates. <i>Tetrahedron Letters</i> , 1986, 27, 3491-3494.	1.4	68
5	Trimethylsulfonium Lead Triiodide: An Air-Stable Hybrid Halide Perovskite. <i>Inorganic Chemistry</i> , 2017, 56, 6302-6309.	4.0	52
6	Modified DPPH and ABTS Assays to Assess the Antioxidant Profile of Untreated Oils. <i>Food Analytical Methods</i> , 2015, 8, 1294-1302.	2.6	48
7	Terpyridine- and 2,6-dipyrazinylpyridine-coordinated ruthenium(II) complexes: Synthesis, characterization and application in TiO ₂ -based dye-sensitized solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 214, 22-32.	3.9	46
8	Flow-Based Methods with Chemiluminescence Detection for Food and Environmental Analysis: A Review. <i>Analytical Letters</i> , 2011, 44, 176-215.	1.8	44
9	Comparative studies on the antioxidant activity of aqueous extracts of olive oils and seed oils using chemiluminescence. <i>Analytica Chimica Acta</i> , 2003, 494, 41-47.	5.4	41
10	Investigations on the antioxidant activity of fruit and vegetable aqueous extracts on superoxide radical anion using chemiluminescence techniques. <i>Analytica Chimica Acta</i> , 2005, 536, 101-105.	5.4	41
11	Chemiluminescent studies on the antioxidant activity of amino acids. <i>Analytica Chimica Acta</i> , 2007, 591, 106-111.	5.4	34
12	Development and validation of a chemiluminogenic method for the evaluation of antioxidant activity of hydrophilic and hydrophobic antioxidants. <i>Analytica Chimica Acta</i> , 2009, 652, 295-302.	5.4	34
13	Investigations of the adulteration of extra virgin olive oils with seed oils using their weak chemiluminescence. <i>Analytica Chimica Acta</i> , 2002, 464, 135-140.	5.4	33
14	Novel Ru(II) sensitizers bearing an unsymmetrical pyridine-quinoline hybrid ligand with extended $\hat{1}\hat{1}$ -conjugation: synthesis and application in dye-sensitized solar cells. <i>Dalton Transactions</i> , 2013, 42, 6582.	3.3	27
15	Luminescent Methods in the Analysis of Untreated Edible Oils: A Review. <i>Analytical Letters</i> , 2012, 45, 625-641.	1.8	26
16	Synthesis, characterization and optoelectronic properties of chemically stable (CH ₃) ₃ SPbI ₃ x Br x and (CH ₃) ₃ SPbI ₃ x Cl x (x = 0, 1, 2, 3) perovskites. <i>Polyhedron</i> , 2018, 140, 67-73.	2.2	25
17	Asymmetric Michael additions via SAMP-/RAMP-hydrazones enantioselective synthesis of 2-substituted 4-oxosulfones. <i>Tetrahedron</i> , 1993, 49, 1821-1830.	1.9	22
18	Diastereo- and enantioselective synthesis of 2,3- and 1,2-disubstituted 4-oxophosphonates via asymmetric Michael addition. <i>Tetrahedron</i> , 1997, 53, 12961-12978.	1.9	21

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19	Purine 5- β ,8-cyclo-2-deoxynucleoside lesions: formation by radical stress and repair in human breast epithelial cancer cells. <i>Free Radical Research</i> , 2017, 51, 470-482.	3.3	21
20	Silver-Nafion coated cylindrical carbon fiber microelectrode for amperometric monitoring of hydrogen peroxide heterogeneous catalytic decomposition. <i>Chemical Engineering Journal</i> , 2010, 165, 813-818.	12.7	18
21	Evaluation of antioxidant activity of hydrophilic and lipophilic compounds in edible oils by a novel fluorimetric method. <i>Talanta</i> , 2011, 84, 874-880.	5.5	18
22	An automatic FIA-CL method for the determination of antioxidant activity of edible oils based on peroxyoxalate chemiluminescence. <i>Microchemical Journal</i> , 2015, 118, 73-79.	4.5	18
23	Radiostorage- and photostoragechemiluminescence: analytical prospects. <i>Analytica Chimica Acta</i> , 2000, 423, 239-245.	5.4	17
24	Determination of Total Antioxidant Activity of Edible Oils as well as Their Aqueous and Organic Extracts by Chemiluminescence. <i>Food Analytical Methods</i> , 2011, 4, 475-484.	2.6	16
25	Evaluation of total reducing power of edible oils. <i>Talanta</i> , 2014, 130, 233-240.	5.5	16
26	Membrane Lipidome Reorganization and Accumulation of Tissue DNA Lesions in Tumor-Bearing Mice: An Exploratory Study. <i>Cancers</i> , 2019, 11, 480.	3.7	15
27	Asymmetric michael additions via SAMP/RAMP hydrazones enantioselective synthesis of 2-substituted 4-oxophosphonates. <i>Liebigs Annalen</i> , 1995, 1995, 1177-1184.	0.8	14
28	Evaluation of food antioxidant activity by photostorage chemiluminescence. <i>Analytica Chimica Acta</i> , 2001, 433, 263-268.	5.4	14
29	Green Asymmetric Synthesis: α -Amino Alcohol-Catalyzed Direct Asymmetric Aldol Reactions in Aqueous Micelles. <i>Chirality</i> , 2013, 25, 119-125.	2.6	14
30	Enantioselective synthesis and antioxidant activity of 3-(3,4-dihydroxyphenyl)-glyceric acid-Basic monomeric moiety of a biologically active polyether from <i>Symphytum asperum</i> and <i>S. caucasicum</i> . <i>Chirality</i> , 2010, 22, 717-725.	2.6	13
31	A Family of Ru(II) Photosensitizers with High Singlet Oxygen Quantum Yield: Synthesis, Characterization, and Evaluation. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4628-4635.	2.0	13
32	Chemiluminescence in organized molecular assemblies: lucigenin derivatives containing long alkyl chains in micellar media. <i>Analytica Chimica Acta</i> , 1994, 290, 179-185.	5.4	11
33	10-(2-Biotinyloxyethyl)-9-acridone. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 181, 126-131.	3.9	11
34	Deposition of Nanostructured Ag Films on Silicon Wafers by Electrochemical/Electrophoretic Deposition for Electrochemical and SERS Sensing. <i>Journal of the Electrochemical Society</i> , 2013, 160, B54-B59.	2.9	11
35	Chemiluminescence in organized molecular assemblies. Chemiluminescence of lucigenin in lyso-PAF (C16). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1992, 66, 113-118.	3.9	10
36	Chemiluminescence of N,N-dialkyl-9,9-biacridinium nitrates in aqueous and non-aqueous systems. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1993, 75, 91-96.	3.9	10

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37	Synthesis and fluorescent properties of novel biotinylated labels. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 172, 215-221.	3.9	10
38	Novel biotinylated acridinium derivatives: New reagents for fluorescence immunoassays and proteomics. <i>Clinica Chimica Acta</i> , 2005, 357, 159-167.	1.1	10
39	Poly[3-(3, 4-dihydroxyphenyl) glyceric acid] from Comfrey exerts anti-cancer efficacy against human prostate cancer via targeting androgen receptor, cell cycle arrest and apoptosis. <i>Carcinogenesis</i> , 2012, 33, 1572-1580.	2.8	10
40	Simulation of polyurethane/activated carbon surface interactions. <i>Applied Surface Science</i> , 2010, 256, 4391-4396.	6.1	9
41	Assessment of DNA Topoisomerase I Unwinding Activity, Radical Scavenging Capacity, and Inhibition of Breast Cancer Cell Viability of N-alkyl-acridones and N,N ^ε -dialkyl-9,9 ^ε -biacridylidenes. <i>Biomolecules</i> , 2019, 9, 177.	4.0	8
42	Synthesis of novel protected hemiaminal N-methoxymethyl-N ^ε -methyl-9,9 ^ε -biacridylidene from lucigenin. <i>Tetrahedron Letters</i> , 1993, 34, 1371-1372.	1.4	7
43	Chemiluminescence of N,N ^ε -dialkyl-9,9 ^ε -biacridylidenes in homogeneous and micellar media. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1994, 83, 15-19.	3.9	7
44	A Family of Potent Ru(^{II}) Photosensitizers with Enhanced DNA Intercalation: Bimodal Photokillers. <i>Photochemistry and Photobiology</i> , 2015, 91, 1191-1202.	2.5	7
45	Reactions of Lucigenin in protic solvents in the presence of amines. <i>Journal für Praktische Chemie, Chemiker-Zeitung</i> , 1994, 336, 506-508.	0.5	6
46	Classification of Wines Based on Different Antioxidant Responses to Spectrophotometric Analytical Methods. <i>Analytical Letters</i> , 2012, 45, 581-591.	1.8	6
47	Purine 5 ^ε ,8-cyclo-2 ^ε -deoxynucleoside lesions in irradiated DNA. <i>Radiation Physics and Chemistry</i> , 2016, 128, 75-81.	2.8	6
48	Synthesis of 17 ^β -amino-5 ^α -androst-2-ene from epiandrosterone. <i>Chemistry of Natural Compounds</i> , 2006, 42, 313-315.	0.8	5
49	A Convenient One-Step Synthesis of Stable ^β -Amino Alcohol N-Boranes from ^α -Amino Acids. <i>Synthesis</i> , 2012, 44, 1057-1062.	2.3	5
50	Chemiluminescence at liquid-liquid interfaces. Enhanced chemiluminescence of lucigenin and long alkyl lucigenins. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1998, 119, 115-118.	3.9	4
51	Sensitized chemiluminescence in micellar mixtures of phthalhydrazide and selected dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 167, 169-175.	3.9	4
52	Chemiluminescence of protected hemiaminal N-methoxymethyl-N ^ε -methyl-9,9 ^ε -biacridylidene in homogeneous and micellar media. Prospects for analytical applications. <i>Analytica Chimica Acta</i> , 1995, 304, 91-96.	5.4	3
53	Studies on the photostoragechemiluminescence of aromatic ketones with reactive oxygen species. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2002, 152, 11-16.	3.9	3
54	Catalytic Asymmetric Reduction of Prochiral Ketones with Chiral ^β -Amino Alcohol N-Boranes and the Corresponding Tris(oxazaborolidine)borazines. <i>Synlett</i> , 2013, 24, 2401-2406.	1.8	3

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55	Antioxidant and cytotoxic activities of selected salicylidene imines: experimental and computational study. <i>Molecular Diversity</i> , 2022, , 1.	3.9	0