

# Kyriakos Papadopoulos

## List of Publications by Citations

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

56 papers	1,024 citations	17 h-index	29 g-index
57 ext. papers	1,121 ext. citations	4.3 avg, IF	3.67 L-index

#	Paper	IF	Citations
56	Synthesis of diastereo- and enantiomerically pure $\alpha$ -amino- $\beta$ -keto acid esters by reaction of acyliminoacetates with enamines derived from 6-membered ketones. <i>Tetrahedron</i> , <b>1985</b> , 41, 1693-1701	2.4	105
55	Carbon Electrodes Modified by Nanoscopic Iron(III) Oxides to Assemble Chemical Sensors for the Hydrogen Peroxide Amperometric Detection. <i>Electroanalysis</i> , <b>2007</b> , 19, 1850-1854	3	63
54	Asymmetric synthesis of $\beta$ -substituted $\beta$ -ketoesters via Michael-additions of sAMP/rAMP-hydrazones to $\alpha,\beta$ -unsaturated esters, virtually complete 1.6-asymmetric induction. <i>Tetrahedron Letters</i> , <b>1983</b> , 24, 4967-4970	2	61
53	Asymmetric Michael additions via SAMP-/RAMP-hydrazones anti-diastereo- and enantioselective synthesis of 3,4-disubstituted 5-oxo-alkanoates. <i>Tetrahedron Letters</i> , <b>1986</b> , 27, 3491-3494	2	57
52	Terpyridine- and 2,6-dipyrazinylpyridine-coordinated ruthenium(II) complexes: Synthesis, characterization and application in TiO <sub>2</sub> -based dye-sensitized solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2010</b> , 214, 22-32	4.7	44
51	Comparative studies on the antioxidant activity of aqueous extracts of olive oils and seed oils using chemiluminescence. <i>Analytica Chimica Acta</i> , <b>2003</b> , 494, 41-47	6.6	38
50	Flow-Based Methods with Chemiluminescence Detection for Food and Environmental Analysis: A Review. <i>Analytical Letters</i> , <b>2011</b> , 44, 176-215	2.2	36
49	Trimethylsulfonium Lead Triiodide: An Air-Stable Hybrid Halide Perovskite. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 6302-6309	5.1	35
48	Investigations on the antioxidant activity of fruit and vegetable aqueous extracts on superoxide radical anion using chemiluminescence techniques. <i>Analytica Chimica Acta</i> , <b>2005</b> , 536, 101-105	6.6	34
47	Modified DPPH and ABTS Assays to Assess the Antioxidant Profile of Untreated Oils. <i>Food Analytical Methods</i> , <b>2015</b> , 8, 1294-1302	3.4	33
46	Development and validation of a chemiluminogenic method for the evaluation of antioxidant activity of hydrophilic and hydrophobic antioxidants. <i>Analytica Chimica Acta</i> , <b>2009</b> , 652, 295-302	6.6	32
45	Investigations of the adulteration of extra virgin olive oils with seed oils using their weak chemiluminescence. <i>Analytica Chimica Acta</i> , <b>2002</b> , 464, 135-140	6.6	28
44	Novel Ru(II) sensitizers bearing an unsymmetrical pyridine-quinoline hybrid ligand with extended $\pi$ -conjugation: synthesis and application in dye-sensitized solar cells. <i>Dalton Transactions</i> , <b>2013</b> , 42, 6582-91	4.3	26
43	Luminescent Methods in the Analysis of Untreated Edible Oils: A Review. <i>Analytical Letters</i> , <b>2012</b> , 45, 625-641	2.2	24
42	Chemiluminescent studies on the antioxidant activity of amino acids. <i>Analytica Chimica Acta</i> , <b>2007</b> , 591, 106-11	6.6	24
41	Purine 5 $\beta$ 8-cyclo-2 $\beta$ deoxynucleoside lesions: formation by radical stress and repair in human breast epithelial cancer cells. <i>Free Radical Research</i> , <b>2017</b> , 51, 470-482	4	20
40	Evaluation of antioxidant activity of hydrophilic and lipophilic compounds in edible oils by a novel fluorimetric method. <i>Talanta</i> , <b>2011</b> , 84, 874-80	6.2	18

39	Diastereo- and enantioselective synthesis of 2,3- and 1,2-disubstituted 4-oxophosphonates via asymmetric Michael addition. <i>Tetrahedron</i> , <b>1997</b> , 53, 12961-12978	2.4	17
38	Asymmetric Michael additions via SAMP-/RAMP-hydrazones enantioselective synthesis of 2-substituted 4-oxosulfones. <i>Tetrahedron</i> , <b>1993</b> , 49, 1821-1830	2.4	17
37	Synthesis, characterization and optoelectronic properties of chemically stable (CH <sub>3</sub> ) <sub>3</sub> SPbI <sub>3</sub> Br <sub>x</sub> and (CH <sub>3</sub> ) <sub>3</sub> SPbI <sub>3</sub> Cl <sub>x</sub> (x = 0, 1, 2, 3) perovskites. <i>Polyhedron</i> , <b>2018</b> , 140, 67-73	2.7	16
36	An automatic FIA-CL method for the determination of antioxidant activity of edible oils based on peroxyoxalate chemiluminescence. <i>Microchemical Journal</i> , <b>2015</b> , 118, 73-79	4.8	15
35	Evaluation of total reducing power of edible oils. <i>Talanta</i> , <b>2014</b> , 130, 233-40	6.2	14
34	Silver-Nafion coated cylindrical carbon fiber microelectrode for amperometric monitoring of hydrogen peroxide heterogeneous catalytic decomposition. <i>Chemical Engineering Journal</i> , <b>2010</b> , 165, 813-818	14.7	14
33	Evaluation of food antioxidant activity by photostorage chemiluminescence. <i>Analytica Chimica Acta</i> , <b>2001</b> , 433, 263-268	6.6	13
32	Radiostorage- and photostoragechemiluminescence: analytical prospects. <i>Analytica Chimica Acta</i> , <b>2000</b> , 423, 239-245	6.6	13
31	Determination of Total Antioxidant Activity of Edible Oils as well as Their Aqueous and Organic Extracts by Chemiluminescence. <i>Food Analytical Methods</i> , <b>2011</b> , 4, 475-484	3.4	12
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> , <b>2010</b> , 22, 717-25	2.1	12
29	Synthesis of N,NSDialkyl-9,9SBiacridylidenes and 9,9SBiacridinium Nitrates Containing Long Alkyl Chains. <i>Journal für Praktische Chemie, Chemiker-Zeitung</i> , <b>1993</b> , 335, 633-636		12
28	Membrane Lipidome Reorganization and Accumulation of Tissue DNA Lesions in Tumor-Bearing Mice: An Exploratory Study. <i>Cancers</i> , <b>2019</b> , 11,	6.6	11
27	A Family of RuII Photosensitizers with High Singlet Oxygen Quantum Yield: Synthesis, Characterization, and Evaluation. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 4628-4635	2.3	11
26	Green asymmetric synthesis: Amino alcohol-catalyzed direct asymmetric aldol reactions in aqueous micelles. <i>Chirality</i> , <b>2013</b> , 25, 119-25	2.1	11
25	Chemiluminescence in organized molecular assemblies: lucigenin derivatives containing long alkyl chains in micellar media. <i>Analytica Chimica Acta</i> , <b>1994</b> , 290, 179-185	6.6	11
24	Deposition of Nanostructured Ag Films on Silicon Wafers by Electrochemical/Electrophoretic Deposition for Electrochemical and SERS Sensing. <i>Journal of the Electrochemical Society</i> , <b>2013</b> , 160, B54-B59	3.9	10
23	10-(2-Biotinyloxyethyl)-9-acridone: A novel fluorescent label for (strept)avidinBiotin based assays. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2006</b> , 181, 126-131	4.7	10
22	Synthesis and fluorescent properties of novel biotinylated labels. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2005</b> , 172, 215-221	4.7	10

21	Asymmetric michael additions via SAMP/RAMP hydrazones enantioselective synthesis of 2-substituted 4-oxophosphonates. <i>Liebigs Annalen</i> , <b>1995</b> , 1995, 1177-1184		10
20	Chemiluminescence of N,N?-dialkyl-9,9?-biacridinium nitrates in aqueous and non-aqueous systems. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>1993</b> , 75, 91-96	4.7	10
19	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> , <b>2012</b> , 33, 1572-80	4.6	9
18	Simulation of polyurethane/activated carbon surface interactions. <i>Applied Surface Science</i> , <b>2010</b> , 256, 4391-4396	6.7	9
17	Novel biotinylated acridinium derivatives: new reagents for fluorescence immunoassays and proteomics. <i>Clinica Chimica Acta</i> , <b>2005</b> , 357, 159-67	6.2	9
16	Chemiluminescence in organized molecular assemblies. Chemiluminescence of lucigenin in lyso-PAF (C16). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>1992</b> , 66, 113-118	4.7	9
15	A Family of Potent Ru(II) Photosensitizers with Enhanced DNA Intercalation: Bimodal Photokillers. <i>Photochemistry and Photobiology</i> , <b>2015</b> , 91, 1191-202	3.6	7
14	Chemiluminescence of N,N? -dialkyl-9,9? - biacridylidenes in homogeneous and micellar media. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>1994</b> , 83, 15-19	4.7	7
13	Synthesis of novel protected hemiaminal N-methoxymethyl-N?-methyl-9,9?-biacridylidene from lucigenin. <i>Tetrahedron Letters</i> , <b>1993</b> , 34, 1371-1372	2	7
12	Purine 5?,8-cyclo-2?-deoxynucleoside lesions in irradiated DNA. <i>Radiation Physics and Chemistry</i> , <b>2016</b> , 128, 75-81	2.5	6
11	Reactions of Lucigenin in protic solvents in the presence of amines. <i>Journal Für Praktische Chemie, Chemiker-Zeitung</i> , <b>1994</b> , 336, 506-508		6
10	Classification of Wines Based on Different Antioxidant Responses to Spectrophotometric Analytical Methods. <i>Analytical Letters</i> , <b>2012</b> , 45, 581-591	2.2	5
9	Assessment of DNA Topoisomerase I Unwinding Activity, Radical Scavenging Capacity, and Inhibition of Breast Cancer Cell Viability of -alkyl-acridones and ,-dialkyl-9,9Sbiacridylidenes. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	4
8	Chemiluminescence at liquid-liquid interfaces. Enhanced chemiluminescence of lucigenin and long alkyl lucigenins.. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>1998</b> , 119, 115-118	4.7	4
7	Synthesis of 17?-amino-5?-androst-2-ene from epiandrosterone. <i>Chemistry of Natural Compounds</i> , <b>2006</b> , 42, 313-315	0.7	4
6	Sensitized chemiluminescence in micellar mixtures of phthalhydrazide and selected dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2004</b> , 167, 169-175	4.7	4
5	A Convenient One-Step Synthesis of Stable ?-Amino Alcohol N-Boranes from ?-Amino Acids. <i>Synthesis</i> , <b>2012</b> , 44, 1057-1062	2.9	2
4	Studies on the photostoragechemiluminescence of aromatic ketones with reactive oxygen species: Prospects for analytical applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2002</b> , 152, 11-16	4.7	2

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| 3 | Chemiluminescence of protected hemiaminal N-methoxymethyl-N'-methyl-9,9'-biacridylidene in homogeneous and micellar media. Prospects for analytical applications. <i>Analytica Chimica Acta</i> , <b>1995</b> , 304, 91-96 | 6.6 | 2 |
| 2 | Catalytic Asymmetric Reduction of Prochiral Ketones with Chiral $\beta$ -Amino Alcohol N-Boranes and the Corresponding Tris(oxazaborolidine)borazines. <i>Synlett</i> , <b>2013</b> , 24, 2401-2406                        | 2.2 | 1 |
| 1 | Antioxidant and cytotoxic activities of selected salicylidene imines: experimental and computational study.. <i>Molecular Diversity</i> , <b>2022</b> , 1  | 3.1 |   |