Kyriakos Papadopoulos

List of Publications by Year
in descending order

55 papers	1,217 citations	394421 19 h-index	414414 32 g-index
57 all docs	57 docs citations	57 times ranked	1524 citing authors

#	Article	IF	Citations
1	Antioxidant and cytotoxic activities of selected salicylidene imines: experimental and computational study. Molecular Diversity, 2022, , 1.	3.9	0
2	Assessment of DNA Topoisomerase I Unwinding Activity, Radical Scavenging Capacity, and Inhibition of Breast Cancer Cell Viability of N-alkyl-acridones and N,Nâ€²-dialkyl-9,9â€²-biacridylidenes. Biomolecules, 2019, 9, 177.	4.0	8
3	Membrane Lipidome Reorganization and Accumulation of Tissue DNA Lesions in Tumor-Bearing Mice: An Exploratory Study. Cancers, 2019, 11, 480.	3.7	15
4	Synthesis, characterization and optoelectronic properties of chemically stable (CH 3) 3 SPbI 3â^' x Br x and (CH 3) 3 SPbI 3â^' x Cl x (x â€¯=â€¯0, 1, 2, 3) perovskites. Polyhedron, 2018, 140, 67-73.	2.2	25
5	Trimethylsulfonium Lead Triiodide: An Air-Stable Hybrid Halide Perovskite. Inorganic Chemistry, 2017, 56, 6302-6309.	4.0	52
6	Purine 5â€²,8-cyclo-2â€²-deoxynucleoside lesions: formation by radical stress and repair in human breast epithelial cancer cells. Free Radical Research, 2017, 51, 470-482.	3.3	21
7	Purine 5â€²,8-cyclo-2â€²-deoxynucleoside lesions in irradiated DNA. Radiation Physics and Chemistry, 2016, 128, 75-81.	2.8	6
8	A Family of Potent Ru(<scp>II</scp>) Photosensitizers with Enhanced <scp>DNA</scp> Intercalation: Bimodal Photokillers. Photochemistry and Photobiology, 2015, 91, 1191-1202.	2.5	7
9	Modified DPPH and ABTS Assays to Assess the Antioxidant Profile of Untreated Oils. Food Analytical Methods, 2015, 8, 1294-1302.	2.6	48
10	An automatic FIA-CL method for the determination of antioxidant activity of edible oils based on peroxyoxalate chemiluminescence. Microchemical Journal, 2015, 118, 73-79.	4.5	18
11	Evaluation of total reducing power of edible oils. Talanta, 2014, 130, 233-240.	5.5	16
12	A Family of Ru^{II} Photosensitizers with High Singlet Oxygen Quantum Yield: Synthesis, Characterization, and Evaluation. European Journal of Inorganic Chemistry, 2013, 2013, 4628-4635.	2.0	13
13	Novel Ru(ii) sensitizers bearing an unsymmetrical pyridine-quinoline hybrid ligand with extended Ï€-conjugation: synthesis and application in dye-sensitized solar cells. Dalton Transactions, 2013, 42, 6582.	3.3	27
14	Green Asymmetric Synthesis: Î²â€Amino Alcoholâ€Catalyzed Direct Asymmetric Aldol Reactions in Aqueous Micelles. Chirality, 2013, 25, 119-125.	2.6	14
15	Catalytic Asymmetric Reduction of Prochiral Ketones with Chiral Î²-Amino Alcohol N-Boranes and the Corresponding Tris(oxazaborolidine)borazines. Synlett, 2013, 24, 2401-2406.	1.8	3
16	Deposition of Nanostructured Ag Films on Silicon Wafers by Electrochemical/Electrophoretic Deposition for Electrochemical and SERS Sensing. Journal of the Electrochemical Society, 2013, 160, B54-B59.	2.9	11
17	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. Carcinogenesis, 2012, 33, 1572-1580.	2.8	10
18	A Convenient One-Step Synthesis of Stable Î²-Amino Alcohol N-Boranes from Î±-Amino Acids. Synthesis, 2012, 44, 1057-1062.	2.3	5

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19	Classification of Wines Based on Different Antioxidant Responses to Spectrophotometric Analytical Methods. Analytical Letters, 2012, 45, 581-591.	1.8	6
20	Luminescent Methods in the Analysis of Untreated Edible Oils: A Review. Analytical Letters, 2012, 45, 625-641.	1.8	26
21	Flow-Based Methods with Chemiluminescence Detection for Food and Environmental Analysis: A Review. Analytical Letters, 2011, 44, 176-215.	1.8	44
22	Evaluation of antioxidant activity of hydrophilic and lipophilic compounds in edible oils by a novel fluorimetric method. Talanta, 2011, 84, 874-880.	5.5	18
23	Determination of Total Antioxidant Activity of Edible Oils as well as Their Aqueous and Organic Extracts by Chemiluminescence. Food Analytical Methods, 2011, 4, 475-484.	2.6	16
24	Silver-Nafion coated cylindrical carbon fiber microelectrode for amperometric monitoring of hydrogen peroxide heterogeneous catalytic decomposition. Chemical Engineering Journal, 2010, 165, 813-818.	12.7	18
25	Enantioselective synthesis and antioxidant activity of 3â€(3,4â€dihydroxyphenyl)â€glyceric acidâ€”Basic monomeric moiety of a biologically active polyether from Symphytum asperum and S. caucasicum. Chirality, 2010, 22, 717-725.	2.6	13
26	Simulation of polyurethane/activated carbon surface interactions. Applied Surface Science, 2010, 256, 4391-4396.	6.1	9
27	Terpyridine- and 2,6-dipyrazinylpyridine-coordinated ruthenium(II) complexes: Synthesis, characterization and application in TiO2-based dye-sensitized solar cells. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 214, 22-32.	3.9	46
28	Development and validation of a chemiluminogenic method for the evaluation of antioxidant activity of hydrophilic and hydrophobic antioxidants. Analytica Chimica Acta, 2009, 652, 295-302.	5.4	34
29	Carbon Electrodes Modified by Nanoscopic Iron(III) Oxides to Assemble Chemical Sensors for the Hydrogen Peroxide Amperometric Detection. Electroanalysis, 2007, 19, 1850-1854.	2.9	69
30	Chemiluminescent studies on the antioxidant activity of amino acids. Analytica Chimica Acta, 2007, 591, 106-111.	5.4	34
31	10-(2-Biotinyloxyethyl)-9-acridone. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 181, 126-131.	3.9	11
32	Synthesis of 17Î±-amino-5Î±-androst-2-ene from epiandrosterone. Chemistry of Natural Compounds, 2006, 42, 313-315.	0.8	5
33	Synthesis and fluorescent properties of novel biotinylated labels. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 172, 215-221.	3.9	10
34	Investigations on the antioxidant activity of fruit and vegetable aqueous extracts on superoxide radical anion using chemiluminescence techniques. Analytica Chimica Acta, 2005, 536, 101-105.	5.4	41
35	Novel biotinylated acridinium derivatives: New reagents for fluorescence immunoassays and proteomics. Clinica Chimica Acta, 2005, 357, 159-167.	1.1	10
36	Sensitized chemiluminescence in micellar mixtures of phthalhydrazide and selected dyes. Journal of Photochemistry and Photobiology A: Chemistry, 2004, 167, 169-175.	3.9	4

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37	Comparative studies on the antioxidant activity of aqueous extracts of olive oils and seed oils using chemiluminescence. Analytica Chimica Acta, 2003, 494, 41-47.	5.4	41
38	Studies on the photostoragechemiluminescence of aromatic ketones with reactive oxygen species. Journal of Photochemistry and Photobiology A: Chemistry, 2002, 152, 11-16.	3.9	3
39	Investigations of the adulteration of extra virgin olive oils with seed oils using their weak chemiluminescence. Analytica Chimica Acta, 2002, 464, 135-140.	5.4	33
40	Evaluation of food antioxidant activity by photostorage chemiluminescence. Analytica Chimica Acta, 2001, 433, 263-268.	5.4	14
41	Radiostorage- and photostoragechemiluminescence: analytical prospects. Analytica Chimica Acta, 2000, 423, 239-245.	5.4	17
42	Chemiluminescence at liquidâ€“liquid interfaces. Enhanced chemiluminescence of lucigenin and long alkyl lucigenins.. Journal of Photochemistry and Photobiology A: Chemistry, 1998, 119, 115-118.	3.9	4
43	Diastereo- and enantioselective synthesis of 2,3- and 1,2-disubstituted 4-oxophosphonates via asymmetric Michael addition. Tetrahedron, 1997, 53, 12961-12978.	1.9	21
44	Asymmetric michael additions via SAMP/RAMP hydrazones enantioselective synthesis of 2â€substituted 4â€oxophosphonates. Liebigs Annalen, 1995, 1995, 1177-1184.	0.8	14
45	Chemiluminescence of protected hemiaminal N-methoxymethyl-Nâ€²-methyl-9,9â€²-biacridylidene in homogeneous and micellar media. Prospects for analytical applications. Analytica Chimica Acta, 1995, 304, 91-96.	5.4	3
46	Chemiluminescence in organized molecular assemblies: lucigenin derivatives containing long alkyl chains in micellar media. Analytica Chimica Acta, 1994, 290, 179-185.	5.4	11
47	Chemiluminescence of N,Nâ€² -dialkyl-9,9â€² - biacridylidenes in homogeneous and micellar media. Journal of Photochemistry and Photobiology A: Chemistry, 1994, 83, 15-19.	3.9	7
48	Reactions of Lucigenin in protic solvents in the presence of amines. Journal FÃ¼r Praktische Chemie, Chemiker-Zeitung, 1994, 336, 506-508.	0.5	6
49	Asymmetric Michael additions via SAMP-/RAMP-hydrazones enantioselective synthesis of 2-substituted 4-oxosulfones. Tetrahedron, 1993, 49, 1821-1830.	1.9	22
50	Synthesis of novel protected hemiaminal N-methoxymeothyl-Nâ€²-methyl-99â€²-biacridylidene from lucigenin. Tetrahedron Letters, 1993, 34, 1371-1372.	1.4	7
51	Chemiluminescence of N,Nâ€²-dialkyl-9,9â€²-biacridinium nitrates in aqueous and non-aqueous systems. Journal of Photochemistry and Photobiology A: Chemistry, 1993, 75, 91-96.	3.9	10
52	Chemiluminescence in organized molecular assemblies. Chemiluminescence of lucigenin in lyso-PAF (C16). Journal of Photochemistry and Photobiology A: Chemistry, 1992, 66, 113-118.	3.9	10
53	Asymmetric Michael additions via SAMP-/RAMP-hydrazones anti-diastereo- and enantioselective synthesis of 3,4-disubstituted 5-oxo-alkanoates. Tetrahedron Letters, 1986, 27, 3491-3494.	1.4	68
54	Synthesis of diastereo- and enantiomerically pure Î±-amino-Î³-oxo acid esters by reaction of acyliminoacetates with enamines derived from 6-membered ketones. Tetrahedron, 1985, 41, 1693-1701.	1.9	127

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55	Asymmetric synthesis of Î²-substituted Î´-ketoesters via michael-additions of samp/ramp-hydrazones to Î±,Î²-unsaturated esters, virtually complete 1.6-asymmetric induction. Tetrahedron Letters, 1983, 24, 4967-4970.	1.4	73