

# Paulo Almeida

## List of Publications by Year in descending order

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99  
papers

1,712  
citations

318942

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445137

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102  
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102  
docs citations

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times ranked

1882  
citing authors

#	ARTICLE	IF	CITATIONS
1	Picolylamine-functionalized benz[e]indole squaraine dyes: Synthetic approach, characterization and in vitro efficacy as potential anticancer phototherapeutic agents. <i>European Journal of Medicinal Chemistry</i> , 2022, 229, 114071.	2.6	11
2	Squaraine Dyes Derived from Indolenine and Benzo[e]indole as Potential Fluorescent Probes for HSA Detection and Antifungal Agents. <i>Photochemistry and Photobiology</i> , 2022, 98, 1402-1417.	1.3	7
3	Highlights on Steroidal Arylidene Derivatives as a Source of Pharmacologically Active Compounds: A Review. <i>Molecules</i> , 2021, 26, 2032.	1.7	9
4	Squaraine dyes as serum albumins probes: Synthesis, photophysical experiments and molecular docking studies. <i>Bioorganic Chemistry</i> , 2021, 115, 105221.	2.0	12
5	Bis-thiobarbiturates as Promising Xanthine Oxidase Inhibitors: Synthesis and Biological Evaluation. <i>Biomedicines</i> , 2021, 9, 1443.	1.4	4
6	Synthesis and process optimization of symmetric and unsymmetric barbiturates C5-coupled with 2,1-benzisoxazoles. <i>Molecular Diversity</i> , 2020, 24, 155-166.	2.1	4
7	Photodynamic activity of indolenine-based aminosquaraine cyanine dyes: Synthesis and in vitro photobiological evaluation. <i>Dyes and Pigments</i> , 2020, 174, 108024.	2.0	20
8	Red and Near-Infrared Absorbing Dicyanomethylene Squaraine Cyanine Dyes: Photophysicochemical Properties and Anti-Tumor Photosensitizing Effects. <i>Materials</i> , 2020, 13, 2083.	1.3	25
9	The Synthesis of 2-Spiroindolin-3-one-(thio)barbiturates from 2,1-Benzisoxazoles: A Rearrangement Promoted by Thermal Conditions. <i>Synthesis</i> , 2020, 52, 2065-2072.	1.2	2
10	Natural Products as a Source for New Leads in Gout Treatment. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-3.	0.5	5
11	In vitro phototherapeutic effects of indolenine-based mono- and dithiosquaraine cyanine dyes against Caco-2 and HepG2 human cancer cell lines. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101844.	1.3	9
12	Barbiturate squaraine dyes as fluorescent probes for serum albumins detection. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 400, 112710.	2.0	19
13	Quinoline- and Benzoselenazole-Derived Unsymmetrical Squaraine Cyanine Dyes: Design, Synthesis, Photophysicochemical Features and Light-Triggerable Antiproliferative Effects against Breast Cancer Cell Lines. <i>Materials</i> , 2020, 13, 2646.	1.3	11
14	From Xanthine Oxidase Inhibition to In Vivo Hypouricemic Effect: An Integrated Overview of In Vitro and In Vivo Studies with Focus on Natural Molecules and Analogues. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-17.	0.5	5
15	Two Symmetrical Squarylium Cyanine Dyes: Synthesis, Photophysics and Antifungal Activity in <i>Saccharomyces cerevisiae</i> . <i>Chemistry Proceedings</i> , 2020, 3, .	0.1	0
16	5-Hydrazinylethylidenepyrimidines effective against multidrug-resistant <i>Acinetobacter baumannii</i> : Synthesis and in vitro biological evaluation of antibacterial, radical scavenging and cytotoxic activities. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 137, 104964.	1.9	10
17	Nimesulide analogues: From anti-inflammatory to antitumor agents. <i>Bioorganic Chemistry</i> , 2019, 88, 102966.	2.0	29
18	Synthesis and in vitro evaluation of the antitumoral phototherapeutic potential of squaraine cyanine dyes derived from indolenine. <i>Dyes and Pigments</i> , 2019, 167, 98-108.	2.0	34

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19	Luminescent $\text{I}^2$ -Carrageenan-Based Electrolytes Containing Neodymium Triflate. <i>Molecules</i> , 2019, 24, 1020.	1.7	9
20	Novel 4-azaandrostenes as prostate cancer cell growth inhibitors: Synthesis, antiproliferative effects, and molecular docking studies. <i>Comptes Rendus Chimie</i> , 2019, 22, 73-83.	0.2	9
21	Trisubstituted barbiturates and thiobarbiturates: Synthesis and biological evaluation as xanthine oxidase inhibitors, antioxidants, antibacterial and anti-proliferative agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 829-842.	2.6	49
22	Phenanthroline polyazamacrocycles as G-quadruplex DNA binders. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2776-2786.	1.5	23
23	Influenza DNA vaccine purification using pHEMA cryogel support. <i>Separation and Purification Technology</i> , 2018, 206, 192-198.	3.9	12
24	Structuring of Alkyl-Triazole Bridged Silsesquioxanes. <i>ChemistrySelect</i> , 2017, 2, 432-442.	0.7	20
25	Synthesis, spectroscopic characterization and biological evaluation of unsymmetrical aminosquarylium cyanine dyes. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3803-3814.	1.4	25
26	Novel 4-acetamide-2-alkylthio-N-acetanilides resembling nimesulide: Synthesis, cell viability evaluation and in silico studies. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 4304-4313.	1.4	10
27	Eco-Friendly Red Seaweed-Derived Electrolytes for Electrochemical Devices. <i>Advanced Sustainable Systems</i> , 2017, 1, 1700070.	2.7	20
28	Synthesis, characterization and protein-association of dicyanomethylene squaraine dyes. <i>Dyes and Pigments</i> , 2017, 147, 120-129.	2.0	23
29	Targeting of Cellular Organelles by Fluorescent Plasmid DNA Nanoparticles. <i>Biomacromolecules</i> , 2017, 18, 2928-2936.	2.6	7
30	A synthetic route to novel 3-substituted-2,1-benzisoxazoles from 5-(2-nitrobenzylidene)(thio)barbiturates. <i>Comptes Rendus Chimie</i> , 2017, 20, 990-995.	0.2	10
31	Purification of supercoiled G-quadruplex pDNA for in vitro transcription. <i>Separation and Purification Technology</i> , 2016, 163, 59-71.	3.9	7
32	Di-amidosils with tunable structure, morphology and emission quantum yield: the role of hydrogen bonding. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6844-6861.	2.7	25
33	3,3'-Diamino-N-methyldipropylamine as a versatile affinity ligand. <i>Journal of Separation Science</i> , 2015, 38, 732-740.	1.3	0
34	Cell proliferation effects of calix[4]arene derivatives. <i>Tetrahedron</i> , 2015, 71, 7593-7599.	1.0	19
35	Nanostructuring of Bridged Organosilane Precursors with Pendant Alkyl Chains. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1218-1225.	1.0	22
36	Protein Purification by Aminosquarylium Cyanine Dye-Affinity Chromatography. <i>Methods in Molecular Biology</i> , 2015, 1286, 23-33.	0.4	1

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37	Ethylenediamine-Derived Chromatographic Ligand to Separate BSA, Lysozyme, and RNase A. <i>Chromatographia</i> , 2014, 77, 1529-1537.	0.7	5
38	VT-NMR and cytotoxic evaluation of some new ortho-(alkylchalcogen)acetanilides. <i>Tetrahedron</i> , 2014, 70, 8930-8937.	1.0	8
39	A Benzothiazolium Salt as Chromatography Ligand for Protein Purification. <i>Chromatographia</i> , 2014, 77, 1597-1605.	0.7	2
40	Negative pseudo-affinity chromatography for plasmid DNA purification using berenil as ligand. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 944, 39-42.	1.2	7
41	NMR screening of new carbocyanine dyes as ligands for affinity chromatography. <i>Journal of Molecular Recognition</i> , 2014, 27, 197-204.	1.1	1
42	Aromatic ligands for plasmid deoxyribonucleic acid chromatographic analysis and purification: An overview. <i>Journal of Chromatography A</i> , 2014, 1327, 1-13.	1.8	11
43	Fractality and metastability of a complex amide cross-linked dipodal alkyl/siloxane hybrid. <i>RSC Advances</i> , 2014, 4, 59664-59675.	1.7	18
44	Lamellar mono-amidosil hybrids doped with Rhodamine (B) methyl ester perchlorate. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 72, 239-251.	1.1	17
45	Protein purification by aminosquarylium cyanine dye affinity chromatography. <i>Biomedical Chromatography</i> , 2013, 27, 1671-1679.	0.8	10
46	Synthesis and dynamic study of new ortho-(alkylchalcogen)acetanilide atropisomers. A second look at the hydrolysis of quaternary 2-methylbenzazol-3-ium salts. <i>Tetrahedron Letters</i> , 2013, 54, 5441-5444.	0.7	7
47	Dynamic binding capacity and specificity of 3,8-diamino-6-phenylphenanthridine-Sepharose support for purification of supercoiled plasmid deoxyribonucleic acid. <i>Journal of Chromatography A</i> , 2013, 1307, 91-98.	1.8	14
48	Lamellar Salt-Doped Hybrids with Two Reversible Order/Disorder Phase Transitions. <i>Journal of Physical Chemistry B</i> , 2013, 117, 14529-14543.	1.2	5
49	Specific recognition of supercoiled plasmid DNA by affinity chromatography using the intercalator DAPP as ligand. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 928, 121-124.	1.2	6
50	Polyazamacrocycles as Potential Antitumor Agents for Human Prostate Cancer Cells. <i>Chemical Biology and Drug Design</i> , 2013, 81, 517-526.	1.5	8
51	Lamellar mono-amidosil hybrids incorporating monomethinecyanine dyes. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2290.	2.7	23
52	Photophysical Studies of a New Water Soluble Indocarbocyanine Dye Adsorbed onto Microcrystalline Cellulose and beta-Cyclodextrin. <i>Molecules</i> , 2013, 18, 5648-5668.	1.7	7
53	Surface Photochemistry: 3,3'-Dialkylthia and Selenocarbocyanine Dyes Adsorbed onto Microcrystalline Cellulose. <i>International Journal of Molecular Sciences</i> , 2012, 13, 596-611.	1.8	12
54	Purification of plasmid DNA from clarified and non-clarified <i>Escherichia coli</i> lysates by berenil pseudo-affinity chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 904, 81-87.	1.2	15

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55	Water-mediated structural tunability of an alkyl/siloxane hybrid: from amorphous material to lamellar structure or bilamellar superstructure. <i>RSC Advances</i> , 2012, 2, 2087.	1.7	35
56	Crystal structures of a benzoselenazole-derived squarylium cyanine dye and three derivatives substituted at the central squaric ring. <i>CrystEngComm</i> , 2011, 13, 1333-1338.	1.3	21
57	Aza-substituted squaraines for the fluorescent detection of albumins. <i>Dyes and Pigments</i> , 2011, 90, 41-47.	2.0	33
58	Study of specific interaction between nucleotides and dye support by nuclear magnetic resonance. <i>Journal of Molecular Recognition</i> , 2011, 24, 975-980.	1.1	7
59	Specific berenilâ€DNA interactions: An approach for separation of plasmid isoforms by pseudo-affinity chromatography. <i>Analytical Biochemistry</i> , 2011, 412, 153-158.	1.1	22
60	Targeting of Mitochondria-Endoplasmic Reticulum by Fluorescent Macrocyclic Compounds. <i>PLoS ONE</i> , 2011, 6, e27078.	1.1	15
61	Rhodamine B as Ligand for Affinity Chromatography: Chromatographic Studies on Derivatized Beaded Cellulose. <i>Journal of Chromatographic Science</i> , 2010, 48, 240-244.	0.7	1
62	Design of Protonated Polyazamacrocycles Based on Phenanthroline Motifs for Selective Uptake of Aromatic Carboxylate Anions and Herbicides. <i>Chemistry - A European Journal</i> , 2009, 15, 3277-3289.	1.7	22
63	Thiacarbocyanine as ligand in dyeâ€affinity chromatography for protein purification. II. dynamic binding capacity using lysozyme as a model. <i>Biomedical Chromatography</i> , 2009, 23, 987-993.	0.8	20
64	Near-infrared absorbing delocalized cationic azo dyes. <i>Dyes and Pigments</i> , 2009, 82, 118-123.	2.0	30
65	The synthesis and characterization of novel, aza-substituted squarylium cyanine dyes. <i>Dyes and Pigments</i> , 2009, 81, 197-202.	2.0	31
66	Novel azobenzothiazole dyes from 2-nitrosobenzothiazoles. <i>Dyes and Pigments</i> , 2009, 83, 88-94.	2.0	17
67	The peak of oil productionâ€Timings and market recognition. <i>Energy Policy</i> , 2009, 37, 1267-1276.	4.2	99
68	Delocalized cationic azo dyes derived from 2-aminoselenazole-5-carbaldehyde. <i>Arkivoc</i> , 2009, 2008, 90-95.	0.3	0
69	Studies of Benzothiazole and Benzoselenazole Squaraines as Fluorescent Probes for Albumins Detection. <i>Journal of Fluorescence</i> , 2008, 18, 877-882.	1.3	24
70	Thiacarbocyanine as ligand in dyeâ€affinity chromatography for protein purification. <i>Biomedical Chromatography</i> , 2008, 22, 278-288.	0.8	25
71	Synthesis and characterization of new mono- and dicarboxyalkylselenacarbocyanines. <i>Dyes and Pigments</i> , 2008, 76, 165-172.	2.0	7
72	The synthesis of chloroheptamethinecyanine dyes in the absence of water. <i>Dyes and Pigments</i> , 2008, 77, 48-52.	2.0	8

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73	Delocalized cationic azo dyes containing a thiazole moiety. <i>Tetrahedron</i> , 2008, 64, 299-303.	1.0	17
74	2-Nitrosobenzothiazoles: useful synthons for new azobenzothiazole dyes. <i>Tetrahedron Letters</i> , 2008, 49, 6907-6909.	0.7	29
75	Functionalisation of terpenoids at C-4 via organopalladium dimers: cyclopropane formation during oxidation of homoallylic $\beta$ -organopalladium intermediates with lead tetraacetate. <i>Tetrahedron</i> , 2007, 63, 12608-12615.	1.0	8
76	Dynamic exchange of heterocyclic subunits during halogen substitution in chloroheptamethinecyanine dyes by benzoazolium salts. <i>Tetrahedron Letters</i> , 2007, 48, 5137-5142.	0.7	3
77	New amino and acetamido monomethine cyanine dyes for the detection of DNA in agarose gels. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 5537-5542.	1.4	15
78	Synthesis and characterization of novel mono- and dicarboxyalkylthiacarbocyanines and their ester derivatives. <i>Dyes and Pigments</i> , 2007, 73, 195-205.	2.0	20
79	Synthesis and characterization of mono- and dicarboxyalkyloxacarboyanines. <i>Dyes and Pigments</i> , 2007, 75, 298-305.	2.0	13
80	Mass spectrometric analysis of epimeric $3\beta/3\alpha$ functionalized steroids. <i>Arkivoc</i> , 2007, 2007, 163-171.	0.3	2
81	Rhodamine B as ligand for affinity chromatography. Fixation studies onto cellulose by a curing method. <i>European Polymer Journal</i> , 2006, 42, 2270-2282.	2.6	29
82	A new Vilsmeier-type reaction for one-pot synthesis of pH sensitive fluorescent cyanine dyes. <i>Tetrahedron</i> , 2006, 62, 7793-7798.	1.0	33
83	NMR spectroscopy study of 2-methylbenzoxazolium salts hydroxylation in DMSO- $d_6$ solution. <i>Tetrahedron Letters</i> , 2006, 47, 6723-6725.	0.7	12
84	A formal synthesis of ( $\Delta^{\pm}$ )-physostigmine via 3,3-rearrangement of a bis-enamine. <i>Tetrahedron</i> , 2005, 61, 9147-9156.	1.0	18
85	Synthesis and Photochemical Evaluation of Iodinated Squarylium Cyanine Dyes. <i>Helvetica Chimica Acta</i> , 2005, 88, 1135-1143.	1.0	43
86	$^{13}\text{C}$ NMR spectral assignment of five epimeric $3\beta$ -versus $3\alpha$ -functionalized cholestane pairs. <i>Magnetic Resonance in Chemistry</i> , 2005, 43, 861-863.	1.1	3
87	Efficiency of singlet oxygen generation of aminosquarylium cyanines. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 163, 267-269.	2.0	58
88	Singlet oxygen generation ability of squarylium cyanine dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 160, 159-161.	2.0	65
89	Metal complexes of a dipyridine octaazamacrocyclic: stability constants, structural and modelling studies. <i>Dalton Transactions</i> , 2003, , 3172-3183.	1.6	10
90	Synthesis and Spectroscopic Characterisation of N-Alkyl Quaternary Ammonium Salts Typical Precursors of Cyanines. <i>Molecules</i> , 2002, 7, 320-330.	1.7	81

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91	Some new symmetric rigidified triheterocyclic heptamethinecyanine dyes absorbing in the near infrared. <i>Dyes and Pigments</i> , 2002, 53, 143-152.	2.0	30
92	Preliminary studies on the use of cyanines as ligands in dye-affinity chromatography of proteins. <i>Coloration Technology</i> , 2002, 118, 95-99.	0.7	8
93	A Formal Synthesis of ( $\hat{\pm}$ )-Eseroline via an Azaoxy-Cope Rearrangement. <i>Heterocycles</i> , 2001, 55, 1029.	0.4	25
94	A study of N,N $\hat{\epsilon}$ <sup>2</sup> -dicarboxyalkylthiacarbocyanines as cyanine direactive dyes covalently bound to cellulose. <i>Dyes and Pigments</i> , 2001, 48, 71-84.	2.0	15
95	Synthesis and fixation of aminocyanines to microcrystalline cellulose using cyanuric chloride as a cross-linking agent. <i>Coloration Technology</i> , 2001, 117, 43-48.	0.7	9
96	<sup>1</sup> H and <sup>13</sup> C NMR spectra of commercial rhodamine ester derivatives. <i>Magnetic Resonance in Chemistry</i> , 2000, 38, 475-478.	1.1	22
97	Photophysics of Cyanine Dyes on Surfaces: Laser-Induced Photoisomer Emission of 3,3'-Dialkylthiacarbocyanines Adsorbed on Microcrystalline Cellulose. <i>Collection of Czechoslovak Chemical Communications</i> , 1999, 64, 459-473.	1.0	8
98	Synthetic applications of -Aryl- -acyl hydroxymic acids. A convenient route to 3-substituted -Benzoyl oxindoles. <i>Tetrahedron Letters</i> , 1991, 32, 2671-2674.	0.7	25
99	A Novel Synthesis of Benzimidazolinones. <i>Heterocycles</i> , 1989, 28, 653.	0.4	9