

# Paulo J G Coutinho

## List of Publications by Year in descending order

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87  
papers

1,650  
citations

304368

22  
h-index

377514

34  
g-index

91  
all docs

91  
docs citations

91  
times ranked

1986  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning the drug multimodal release through a co-assembly strategy based on magnetic gels. <i>Nanoscale</i> , 2022, 14, 5488-5500.	2.8	9
2	Chitosan Nano/Microformulations for Antimicrobial Protection of Leather with a Potential Impact in Tanning Industry. <i>Materials</i> , 2022, 15, 1750.	1.3	5
3	Development of Thermo- and pH-Sensitive Liposomal Magnetic Carriers for New Potential Antitumor Thienopyridine Derivatives. <i>Materials</i> , 2022, 15, 1737.	1.3	8
4	Magnetoliposomes Containing Multicore Nanoparticles and a New Antitumor Thienopyridine Compound with Potential Application in Chemo/Thermotherapy. <i>Biomedicines</i> , 2022, 10, 1547.	1.4	8
5	Supramolecular ultra-short carboxybenzyl-protected dehydropeptide-based hydrogels for drug delivery. <i>Materials Science and Engineering C</i> , 2021, 122, 111869.	3.8	21
6	Photodeposition of Silver on Zinc/Calcium Ferrite Nanoparticles: A Contribution to Efficient Effluent Remediation and Catalyst Reutilization. <i>Nanomaterials</i> , 2021, 11, 831.	1.9	2
7	Magnetoliposomes Based on Shape Anisotropic Calcium/Magnesium Ferrite Nanoparticles as Nanocarriers for Doxorubicin. <i>Pharmaceutics</i> , 2021, 13, 1248.	2.0	14
8	Impact of Citrate and Lipid-Functionalized Magnetic Nanoparticles in Dehydropeptide Supramolecular Magnetogels: Properties, Design and Drug Release. <i>Nanomaterials</i> , 2021, 11, 16.	1.9	18
9	Carbon nanotube-reinforced cell-derived matrix-silk fibroin hierarchical scaffolds for bone tissue engineering applications. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9561-9574.	2.9	13
10	Magnetoliposomes Based on Magnetic/Plasmonic Nanoparticles Loaded with Tricyclic Lactones for Combined Cancer Therapy. <i>Pharmaceutics</i> , 2021, 13, 1905.	2.0	7
11	New NIR dyes based on quinolizino[1,9-hi]phenoxazin-6-iminium chlorides: synthesis, photophysics and antifungal activity. <i>Dyes and Pigments</i> , 2020, 173, 107870.	2.0	3
12	Physicochemical characterisation and release behaviour of curcumin-loaded lactoferrin nanohydrogels into food simulants. <i>Food and Function</i> , 2020, 11, 305-317.	2.1	19
13	Dehydropeptide-based plasmonic magnetogels: a supramolecular composite nanosystem for multimodal cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 45-64.	2.9	27
14	Magnetoliposomes Incorporated in Peptide-Based Hydrogels: Towards Development of Magnetolipogels. <i>Nanomaterials</i> , 2020, 10, 1702.	1.9	10
15	Stealth Magnetoliposomes Based on Calcium-Substituted Magnesium Ferrite Nanoparticles for Curcumin Transport and Release. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3641.	1.8	29
16	Development of Novel Magnetoliposomes Containing Nickel Ferrite Nanoparticles Covered with Gold for Applications in Thermotherapy. <i>Materials</i> , 2020, 13, 815.	1.3	12
17	Magnetic Nanoparticles of Zinc/Calcium Ferrite Decorated with Silver for Photodegradation of Dyes. <i>Materials</i> , 2019, 12, 3582.	1.3	14
18	Magnetoliposomes Containing Calcium Ferrite Nanoparticles for Applications in Breast Cancer Therapy. <i>Pharmaceutics</i> , 2019, 11, 477.	2.0	27

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19	Novel dehydropeptide-based magnetogels containing manganese ferrite nanoparticles as antitumor drug nanocarriers. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10377-10390.	1.3	17
20	Development of Multifunctional Liposomes Containing Magnetic/Plasmonic MnFe <sub>2</sub> O <sub>4</sub> /Au Core/Shell Nanoparticles. <i>Pharmaceutics</i> , 2019, 11, 10.	2.0	29
21	Magnetoliposomes containing magnesium ferrite nanoparticles as nanocarriers for the model drug curcumin. <i>Royal Society Open Science</i> , 2018, 5, 181017.	1.1	31
22	Magnetogels: Prospects and Main Challenges in Biomedical Applications. <i>Pharmaceutics</i> , 2018, 10, 145.	2.0	28
23	Magnetoliposomes for dual cancer therapy. , 2018, , 489-527.		1
24	Magnetoliposomes as carriers for promising antitumor thieno[3,2-b]pyridin-7-arylamines: photophysical and biological studies. <i>RSC Advances</i> , 2017, 7, 15352-15361.	1.7	27
25	Solid and aqueous magnetoliposomes as nanocarriers for a new potential drug active against breast cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 460-468.	2.5	20
26	Fluorescent probes based on side-chain chlorinated benzo[ a ]phenoxazinium chlorides: Studies of interaction with DNA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 171, 1-9.	2.0	10
27	Synthesis, photophysical characterisation and photostability studies of NIR probes with aliphatic, aromatic and chlorinated terminals in 5- and 9-amino positions of benzo[ a ]phenoxazines. <i>Dyes and Pigments</i> , 2016, 132, 204-212.	2.0	10
28	Synthesis and photophysical studies of new benzo[a]phenoxazinium chlorides as potential antifungal agents. <i>Tetrahedron Letters</i> , 2016, 57, 3936-3941.	0.7	12
29	Magnetoliposomes based on manganese ferrite nanoparticles as nanocarriers for antitumor drugs. <i>RSC Advances</i> , 2016, 6, 17302-17313.	1.7	44
30	Magnetic liposomes based on nickel ferrite nanoparticles for biomedical applications. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 18011-18021.	1.3	54
31	Benzothienoquinolines: New one-pot synthesis and fluorescence studies of their interaction with DNA and polynucleotides. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 294, 20-30.	2.0	16
32	Ultrasound promoted synthesis of Nile Blue derivatives. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 360-366.	3.8	16
33	A new antitumoral Heteroarylaminothieno[3,2-b]pyridine derivative: its incorporation into liposomes and interaction with proteins monitored by fluorescence. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 1730-1740.	1.6	11
34	Tunable pDNA/DODAB:MO lipoplexes: The effect of incubation temperature on pDNA/DODAB:MO lipoplexes structure and transfection efficiency. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 121, 371-379.	2.5	23
35	Magnetoliposomes based on nickel/silica core/shell nanoparticles: Synthesis and characterization. <i>Materials Chemistry and Physics</i> , 2014, 148, 978-987.	2.0	13
36	Structural dynamics and physicochemical properties of pDNA/DODAB:MO lipoplexes: Effect of pH and anionic lipids in inverted non-lamellar phases versus lamellar phases. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 2555-2567.	1.4	22

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37	Application of benzo[a]phenoxazinium chlorides in antimicrobial photodynamic therapy of <i>Candida albicans</i> biofilms. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 141, 93-99.	1.7	29
38	Synthesis of new benzo[a]phenoxazinium probes possessing carboxylic ester, hydroxyl and amino functional groups: Photophysical studies in dry ethanol and conjugation with CdTe quantum dots. <i>Dyes and Pigments</i> , 2014, 110, 203-213.	2.0	18
39	Energy Transfer via Exciton Transport in Quantum Dot Based Self-Assembled Fractal Structures. <i>Journal of Physical Chemistry C</i> , 2014, 118, 4982-4990.	1.5	15
40	New 1,3-diarylureas linked by CC Suzuki coupling to the methyl 3-aminothieno[3,2-b]pyridine-2-carboxylate moiety: Synthesis and fluorescence studies in solution and in lipid membranes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 255, 27-35.	2.0	5
41	Synthesis and photophysical properties of side-chain chlorinated benzo[a]phenoxazinium chlorides. <i>Tetrahedron</i> , 2013, 69, 2451-2461.	1.0	18
42	Novel Nile Blue derivatives as fluorescent probes for DNA. <i>Dyes and Pigments</i> , 2013, 99, 220-227.	2.0	24
43	Fluorescence studies on potential antitumor 6-(hetero)arylthieno[3,2-b]pyridine derivatives in solution and in nanoliposomes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 264, 56-66.	2.0	2
44	Release of Volatile Compounds from Polymeric Microcapsules Mediated by Photocatalytic Nanoparticles. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-9.	1.4	7
45	Photocatalytic thin films coupled with polymeric microcapsules for the controlled-release of volatile agents upon solar activation. <i>Journal of Physics: Conference Series</i> , 2013, 439, 012018.	0.3	2
46	Interaction of antitumoral fluorescent heteroaromatic compounds, a benzothienopyrrole and two thienoindoles, with DNA and lipid membranes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 240, 14-25.	2.0	5
47	New potential antitumoral di(hetero)arylether derivatives in the thieno[3,2-b]pyridine series: Synthesis and fluorescence studies in solution and in nanoliposomes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 238, 71-80.	2.0	14
48	DODAB:monoolein-based lipoplexes as non-viral vectors for transfection of mammalian cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2440-2449.	1.4	38
49	CdSe/TiO <sub>2</sub> core-shell nanoparticles produced in AOT reverse micelles: applications in pollutant photodegradation using visible light. <i>Nanoscale Research Letters</i> , 2011, 6, 426.	3.1	9
50	Fluorescence Studies on New Potential Antitumoral Benzothienopyran-1-ones in Solution and in Liposomes. <i>Journal of Fluorescence</i> , 2011, 21, 911-922.	1.3	4
51	<i>N</i>-((Di)icosyl-Substituted Benzo[<i>a</i>]phenoxazinium Chlorides: Synthesis and Evaluation as Near-Infrared Membrane Probes. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 2491-2497.	1.2	14
52	Magnetophoresis behaviour at low gradient magnetic field and size control of nickel single core nanobeads. <i>Journal of Magnetism and Magnetic Materials</i> , 2011, 323, 1945-1949.	1.0	17
53	Supramolecular assembled nanogel made of mannan. <i>Journal of Colloid and Interface Science</i> , 2011, 361, 97-108.	5.0	27
54	Novel DNA fluorescence probes based on N-[5-(11-functionalised-undecylamino)-9H-benzo[a]phenoxazin-9-ylidene]propan-1-aminium chlorides: synthesis and photophysical studies. <i>Tetrahedron Letters</i> , 2011, 52, 112-116.	0.7	17

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55	Synthesis and Characterization of Self-Assembled Nanogels Made of Pullulan. <i>Materials</i> , 2011, 4, 601-620.	1.3	20
56	Monoolein as helper lipid for non-viral transfection in mammals. <i>Journal of Controlled Release</i> , 2010, 148, e91-e92.	4.8	2
57	Fluorescence and diffuse reflectance spectroscopy for early cancer detection using a new strategy towards the development of a miniaturized system. , 2010, 2010, 1210-3.		3
58	Self-Assembled Nanogel Made of Mannan: Synthesis and Characterization. <i>Langmuir</i> , 2010, 26, 11413-11420.	1.6	26
59	Synthesis and Photophysical Studies of a Pyrenylindole and a Phenalenoindole Obtained from Dehydroamino Acid Derivatives – Application as Fluorescent Probes for Biological Systems. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3906-3916.	1.2	11
60	Novel long alkyl side chain benzo[a]phenoxazinium chlorides: synthesis, photophysical behaviour and DNA interaction. <i>Tetrahedron</i> , 2009, 65, 10441-10452.	1.0	28
61	New long alkyl side-chain benzo[a]phenoxazines as micellisation probes. <i>Tetrahedron Letters</i> , 2009, 50, 4470-4474.	0.7	21
62	Characterization of mixed DODAB/monoolein aggregates using Nile Red as a solvatochromic and anisotropy fluorescent probe. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 203, 32-39.	2.0	13
63	Fluorescence properties of a potential antitumoral benzothieno[3,2-b]pyrrole in solution and lipid membranes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 206, 220-226.	2.0	6
64	Photophysics and Biophysical Applications of Benzo[a]phenoxazine Type Fluorophores. <i>Reviews in Fluorescence</i> , 2009, , 335-362.	0.5	5
65	Characterization of Monoolein-Based Lipoplexes Using Fluorescence Spectroscopy. <i>Journal of Fluorescence</i> , 2008, 18, 555-562.	1.3	18
66	<i>Size Distributions of Cadmium Sulfide Nanoparticles Obtained from Templating Methods</i>. <i>Annals of the New York Academy of Sciences</i> , 2008, 1130, 242-246.	1.8	4
67	Functionalised benzo[a]phenoxazine dyes as long-wavelength fluorescent probes for amino acids. <i>Tetrahedron</i> , 2007, 63, 1654-1663.	1.0	56
68	Synthesis of short and long-wavelength functionalised probes: amino acids' labelling and photophysical studies. <i>Tetrahedron</i> , 2007, 63, 12405-12418.	1.0	28
69	Iron-doped photocatalytic TiO <sub>2</sub> sputtered coatings on plastics for self-cleaning applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2007, 138, 144-150.	1.7	102
70	Synthesis and spectral properties of long-wavelength fluorescent dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 185, 220-230.	2.0	38
71	Reactive sputtering deposition of photocatalytic TiO <sub>2</sub> thin films on glass substrates. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2007, 138, 139-143.	1.7	73
72	Interaction of DODAB with neutral phospholipids and cholesterol studied using fluorescence anisotropy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 181, 99-105.	2.0	14

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73	Characterization of TiO <sub>2</sub> Nanoparticles in Langmuir-Blodgett Films. <i>Journal of Fluorescence</i> , 2006, 16, 387-392.	1.3	14
74	Study of the deposition parameters and Fe-dopant effect in the photocatalytic activity of TiO <sub>2</sub> films prepared by dc reactive magnetron sputtering. <i>Vacuum</i> , 2005, 78, 37-46.	1.6	64
75	Domain Formation in DODAB-Cholesterol Mixed Systems Monitored via Nile Red Anisotropy. <i>Journal of Fluorescence</i> , 2005, 15, 835-840.	1.3	21
76	Fluorescence studies of the interaction of pyrenylmethyl tributylphosphonium bromide with double-strand polynucleotides. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 217.	1.6	8
77	Effect of pH on the Control Release of Microencapsulated Dye in Lecithin Liposomes. II. <i>Journal of Liposome Research</i> , 2003, 13, 123-130.	1.5	13
78	Effect of Temperature and Surfactant on the Control Release of Microencapsulated Dye in Lecithin Liposomes. I. <i>Journal of Liposome Research</i> , 2003, 13, 111-121.	1.5	14
79	Nile Red and DCM Fluorescence Anisotropy Studies in C12E7/DPPC Mixed Systems. <i>Journal of Physical Chemistry B</i> , 2002, 106, 12841-12846.	1.2	76
80	Transient photokinetics of Rhodamine 3B+ClO <sub>4</sub> <sup>-</sup> in water:toluene mixtures. <i>Chemical Physics</i> , 2000, 262, 453-465.	0.9	10
81	Effect of Surfactants in Soybean Lecithin Liposomes Studied by Energy Transfer Between NBD-PE and N-Rh-PE. <i>Journal of Liposome Research</i> , 2000, 10, 419-429.	1.5	9
82	The formation of radical ions of ZnTPP in lecithin vesicles evaluated by a global kinetic treatment. <i>Chemical Physics</i> , 1994, 182, 399-408.	0.9	10
83	Kinetics of the electron transfer reaction between 3ZnTPP* and methyl viologen in lecithin vesicles studied by global analysis. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1994, 82, 149-160.	2.0	14
84	Rapid pK measurements for multibasic weak acids by gradient flow injection titration. <i>Analytica Chimica Acta</i> , 1992, 258, 259-267.	2.6	20
85	C12E7-DPPC mixed systems studied by pyrene fluorescence emission. , 0, , 83-87.		1
86	Platinum Nanoparticles as pH Sensor for Intelligent Packaging. <i>Journal of Nano Research</i> , 0, 18-19, 97-104.	0.8	9
87	Lipid interaction with textile fibres in dyeing conditions. , 0, , 88-93.		0