

# Paula M.T. Ferreira

## List of Publications by Year in descending order

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80  
papers

1,522  
citations

236925

25  
h-index

377865

34  
g-index

95  
all docs

95  
docs citations

95  
times ranked

1706  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of new heteroaryl and heteroannulated indoles from dehydrophenylalanines: Antitumor evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 5584-5589.	3.0	59
2	Gold nanoparticles functionalised with stable, fast water exchanging Gd <sup>3+</sup> chelates as high relaxivity contrast agents for MRI. <i>Dalton Transactions</i> , 2012, 41, 5472.	3.3	58
3	Michael addition of thiols, carbon nucleophiles and amines to dehydroamino acid and dehydropeptide derivatives. Electronic supplementary information (ESI) available: experimental data for compounds 1-15. See <a href="http://www.rsc.org/suppdata/p1/b1/b106487h/">http://www.rsc.org/suppdata/p1/b1/b106487h/</a> . <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 3167-3173.	1.3	56
4	High yielding synthesis of dehydroamino acid and dehydropeptide derivatives. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999, , 3697-3703.	0.9	53
5	Nanoliposomes for encapsulation and delivery of the potential antitumoral methyl 6-methoxy-3-(4-methoxyphenyl)-1H-indole-2-carboxylate. <i>Nanoscale Research Letters</i> , 2011, 6, 482.	5.7	50
6	Magnetic Dehydriptide-Based Self-Assembled Hydrogels for Theragnostic Applications. <i>Nanomaterials</i> , 2019, 9, 541.	4.1	41
7	Efficient synthesis of dehydroamino acid derivatives. <i>Tetrahedron Letters</i> , 1998, 39, 9575-9578.	1.4	38
8	Dehydriptide Hydrogelators Containing Naproxen N-Capped Tryptophan: Self-Assembly, Hydrogel Characterization, and Evaluation as Potential Drug Nanocarriers. <i>Biomacromolecules</i> , 2015, 16, 3562-3573.	5.4	38
9	Gd(DO3A-N- $\alpha$ -aminopropionate): a versatile and easily available synthon with optimized water exchange for the synthesis of high relaxivity, targeted MRI contrast agents. <i>Chemical Communications</i> , 2009, , 6475.	4.1	37
10	High yielding synthesis of heterocyclic $\beta$ -substituted alanine derivatives. <i>Tetrahedron Letters</i> , 1999, 40, 4099-4102.	1.4	36
11	Synthesis of Substituted Oxazoles from $\alpha$ -Acyl- $\beta$ -hydroxyamino Acid Derivatives. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 4676-4683.	2.4	36
12	Self-assembled RGD dehydropeptide hydrogels for drug delivery applications. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8607-8617.	5.8	35
13	Synthesis of $\beta$ -Benzo[b]thienyldehydrophenylalanine Derivatives by One-Pot Palladium-Catalyzed Borylation and Suzuki Coupling (BSC) and Metal-Assisted Intramolecular Cyclization - Studies of Fluorescence and Antimicrobial Activity. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 2951-2957.	2.4	33
14	Reactivity of Dehydroamino Acids and Dehydriptides Towards $\alpha$ -Bromosuccinimide: Synthesis of $\alpha$ -Bromo- and $\beta$ -Dibromodehydroamino Acid Derivatives and of Substituted $\alpha$ -imidazolidinones. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5934-5949.	2.4	33
15	Synthesis of $\beta$ -substituted alanines via Michael addition of nucleophiles to dehydroalanine derivatives. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 3317-3324.	1.3	31
16	A mild high yielding synthesis of oxazole-4-carboxylate derivatives. <i>Tetrahedron</i> , 2010, 66, 8672-8680.	1.9	31
17	Thermodynamic stability and relaxation studies of small, triaza-macrocyclic Mn(II) chelates. <i>Dalton Transactions</i> , 2013, 42, 4522.	3.3	31
18	Synthesis of pure stereoisomers of benzo[b]thienyl dehydrophenylalanines by Suzuki cross-coupling. Preliminary studies of antimicrobial activity. <i>Tetrahedron</i> , 2004, 60, 11821-11828.	1.9	30

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19	New self-assembled supramolecular hydrogels based on dehydropeptides. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6355-6367.	5.8	30
20	New tetracyclic heteroaromatic compounds based on dehydroamino acids: photophysical and electrochemical studies of interaction with DNA. <i>Tetrahedron</i> , 2008, 64, 382-391.	1.9	29
21	Gallium labeled NOTA-based conjugates for peptide receptor-mediated medical imaging. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 7345-7348.	2.2	28
22	Magnetogels: Prospects and Main Challenges in Biomedical Applications. <i>Pharmaceutics</i> , 2018, 10, 145.	4.5	28
23	Dehydropeptide-based plasmonic magnetogels: a supramolecular composite nanosystem for multimodal cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 45-64.	5.8	27
24	Synthesis and intramolecular cyclization of novel $\hat{1}^2, \hat{1}^2$ -bis-(benzo[b]thienyl)dehydroalanine derivatives. <i>Tetrahedron Letters</i> , 2003, 44, 3377-3379.	1.4	26
25	A Thieno-2H-chromene $\hat{1}^{\pm}$ -Amino Acid Derivative: Synthesis and Photochromic Properties. <i>Organic Letters</i> , 2005, 7, 4811-4814.	4.6	26
26	New synthesis of methyl 5-aryl or heteroaryl pyrrole-2-carboxylates by a tandem Sonogashira coupling/5-endo-dig-cyclization from $\hat{1}^2$ -iododehydroamino acid methyl esters and terminal alkynes. <i>Tetrahedron</i> , 2008, 64, 10714-10720.	1.9	25
27	Synthesis of 2,3,5-substituted pyrrole derivatives. <i>Tetrahedron Letters</i> , 2002, 43, 4491-4493.	1.4	24
28	New strategies for the synthesis of heteroannulated 2-pyridinones, substituted 2-quinolinones and coumarins from dehydroamino acid derivatives. <i>Tetrahedron</i> , 2008, 64, 5139-5146.	1.9	22
29	Synthesis of novel $\hat{1}^2$ -substituted $\hat{1}^{\pm}, \hat{1}^2$ -dehydroamino acid derivatives. <i>Tetrahedron Letters</i> , 2000, 41, 7437-7441.	1.4	21
30	New $\hat{1}^2, \hat{1}^2$ -Bis(benzo[b]thienyl)dehydroalanine Derivatives: Synthesis and Cyclization. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4792-4796.	2.4	21
31	Synthesis of new 3-arylindole-2-carboxylates using $\hat{1}^2, \hat{1}^2$ -diaryldehydroamino acids as building blocks. Fluorescence studies. <i>Tetrahedron</i> , 2007, 63, 2215-2222.	1.9	21
32	Supramolecular ultra-short carboxybenzyl-protected dehydropeptide-based hydrogels for drug delivery. <i>Materials Science and Engineering C</i> , 2021, 122, 111869.	7.3	21
33	Gold nanoparticles functionalised with fast water exchanging $Gd^{3+}$ chelates: linker effects on the relaxivity. <i>Dalton Transactions</i> , 2015, 44, 4016-4031.	3.3	19
34	Synthesis and reactivity of a 1,4-dihydropyrazine derivative. <i>Tetrahedron</i> , 2004, 60, 8489-8496.	1.9	18
35	Synthesis and electrochemical behaviour of $\hat{1}^2$ -halodehydroamino acid derivatives. <i>Amino Acids</i> , 2010, 39, 499-513.	2.7	18
36	Impact of Citrate and Lipid-Functionalized Magnetic Nanoparticles in Dehydropeptide Supramolecular Magnetogels: Properties, Design and Drug Release. <i>Nanomaterials</i> , 2021, 11, 16.	4.1	18

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37	Novel dehydropeptide-based magnetogels containing manganese ferrite nanoparticles as antitumor drug nanocarriers. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10377-10390.	2.8	17
38	Sonogashira Cross-Couplings of Dehydroamino Acid Derivatives and Phenylacetylenes. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 3985-3991.	2.4	16
39	Biological Evaluation of Naproxen-Dehydrodipeptide Conjugates with Self-Hydrogelation Capacity as Dual LOX/COX Inhibitors. <i>Pharmaceutics</i> , 2020, 12, 122.	4.5	16
40	Novel aziridine esters by the addition of aromatic nitrogen heterocycles to a 2H-azirine-3-carboxylic ester. <i>Tetrahedron Letters</i> , 2000, 41, 4991-4995.	1.4	14
41	Palladium-catalyzed borylation and Suzuki coupling (BSC) to obtain $\beta^2$ -substituted dehydroamino acid derivatives. <i>Tetrahedron Letters</i> , 2003, 44, 6007-6009.	1.4	14
42	Pyrenylamino Acids: Synthesis, Photophysical and Electrochemical Studies. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 5697-5703.	2.4	14
43	Ln[DO3A-N- $\beta^2$ -(pyrenebutanamido)propionate] complexes: optimized relaxivity and NIR optical properties. <i>Dalton Transactions</i> , 2014, 43, 3162-3173.	3.3	14
44	Synthesis of non-proteinogenic amino acids from N-(4-toluenesulfonyl)dehydroamino acid derivatives. <i>Tetrahedron Letters</i> , 2002, 43, 4495-4497.	1.4	13
45	Synthesis and Photophysical Studies of New Fluorescent Indole Derivatives Obtained from $\beta^2$ -Bromodehydroamino Acids: Interaction with Fluoride Anions. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 464-475.	2.4	13
46	Dehydropeptide Supramolecular Hydrogels and Nanostructures as Potential Peptidomimetic Biomedical Materials. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2528.	4.1	13
47	Evaluation of a Model Photo-Caged Dehydropeptide as a Stimuli-Responsive Supramolecular Hydrogel. <i>Nanomaterials</i> , 2021, 11, 704.	4.1	13
48	Synthesis and Reactivity of $\beta^2$ -Bromo- $\beta^2$ -Substituted Dehydroalanines. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3226-3234.	2.4	12
49	Dinuclear DOTA-Based Gd <sup>III</sup> Chelates: Revisiting a Straightforward Strategy for Relaxivity Improvement. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1579-1591.	2.0	12
50	Exploring the properties and potential biomedical applications of NSAID-capped peptide hydrogels. <i>Soft Matter</i> , 2020, 16, 10001-10012.	2.7	12
51	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.	2.4	11
52	New cyclic RGD peptides: synthesis, characterization, and theoretical activity towards $\alpha_5\beta_1$ integrin. <i>Tetrahedron</i> , 2014, 70, 5420-5427.	1.9	11
53	Toxicity and structure-activity relationship (SAR) of $\beta^1, \beta^2$ -dehydroamino acids against human cancer cell lines. <i>Toxicology in Vitro</i> , 2018, 47, 26-37.	2.4	10
54	Magnetoliposomes Incorporated in Peptide-Based Hydrogels: Towards Development of Magnetolipogels. <i>Nanomaterials</i> , 2020, 10, 1702.	4.1	10

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55	Comparative effect of <i>N</i> -substituted dehydroamino acids and $\hat{\Gamma}$ -tocopherol on rat liver lipid peroxidation activities. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2009, 24, 967-971.	5.2	9
56	Synthesis of Fluorescent Alanines by a Rhodium-Catalysed Conjugate Addition of Arylboronic Acids to Dehydroalanine Derivatives. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 550-556.	2.4	9
57	Amide conjugates of the DO3A- <i>N</i> -( $\hat{\Gamma}$ -amino)propionate ligand: leads for stable, high relaxivity contrast agents for MRI?. <i>Contrast Media and Molecular Imaging</i> , 2013, 8, 40-49.	0.8	9
58	Tuning the drug multimodal release through a co-assembly strategy based on magnetic gels. <i>Nanoscale</i> , 2022, 14, 5488-5500.	5.6	9
59	Electrochemical synthesis of diaminodicarboxylic acid derivatives. <i>Tetrahedron Letters</i> , 2003, 44, 2137-2139.	1.4	8
60	Fluorescence Studies on Potential Antitumoral Heteroaryl and Heteroannulated Indoles in Solution and in Lipid Membranes. <i>Journal of Fluorescence</i> , 2009, 19, 501-509.	2.5	8
61	An injectable, naproxen-conjugated, supramolecular hydrogel with ultra-low critical gelation concentration prepared from a known folate receptor ligand. <i>Soft Matter</i> , 2022, 18, 3955-3966.	2.7	8
62	Phenanthrenyl-indole as a fluorescent probe for peptides and lipid membranes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 221, 47-57.	3.9	7
63	Electrochemical reduction of dehydroamino acids: synthesis and photophysical properties of $\hat{\Gamma}^2, \hat{\Gamma}^2$ -diarylanilines. <i>Tetrahedron</i> , 2011, 67, 193-200.	1.9	7
64	Ga[NO <sub>2</sub> -N-( $\hat{\Gamma}$ -amino)propionate] chelates: synthesis and evaluation as potential tracers for <sup>68</sup> Ga PET. <i>Dalton Transactions</i> , 2014, 43, 8037-8047.	3.3	7
65	Bolaamphiphilic Bis-Dehydropeptide Hydrogels as Potential Drug Release Systems. <i>Gels</i> , 2021, 7, 52.	4.5	7
66	New fluorescent benzo[b]thienyl amino acid derivatives based on sulfanylphenyl benzo[b]thiophenes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 170, 181-188.	3.9	6
67	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.	3.9	6
68	Interaction of fluorescent quinolin-2-one and coumarin derivatives including dipeptides with lipid bilayers. <i>RSC Advances</i> , 2016, 6, 72141-72148.	3.6	6
69	Synthesis and preliminary biological evaluation of new phenolic and catecholic dehydroamino acid derivatives. <i>Tetrahedron</i> , 2017, 73, 6199-6209.	1.9	6
70	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.	3.9	5
71	Synthesis of new $\hat{\Gamma}^2$ -amidodehydroaminobutyric acid derivatives and of new tyrosine derivatives using copper catalyzed C-N and C-O coupling reactions. <i>Amino Acids</i> , 2013, 44, 335-344.	2.7	5
72	PEGylated DOTA-CHA-Based Gd <sup>III</sup> Chelates: A Relaxometric Study. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4798-4809.	2.0	5

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73	Synthesis of bis-amino acid derivatives by Suzuki cross-coupling, Michael addition and substitution reactions. <i>Amino Acids</i> , 2009, 36, 429-436.	2.7	4
74	Synthesis of 2,6-Bis(oxazolyl)pyridine Ligands for Luminescent Ln <sup>III</sup> Complexes. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3905-3910.	2.4	4
75	Synthesis and photophysical studies of new pyrenylamino acids. <i>Tetrahedron</i> , 2013, 69, 10254-10261.	1.9	2
76	High yield synthesis of heterocyclic $\beta^2$ -substituted alanine derivatives. , 2002, , 70-71.		1
77	Suzuki Coupling Reactions. , 2005, , 59-90.		1
78	Synthesis and Intramolecular Cyclization of Novel $\beta^2, \beta^2$ -Bis-(benzo[b]thienyl)dehydroalanine Derivatives.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
79	Synthesis and Characterisation of Dimeric Bolaamphiphilic Dehydrodipeptides for Biomedical Applications. <i>Materials Proceedings</i> , 2020, 4, .	0.2	0
80	Delivery of Linear Gene-Editing Systems by Cell-Penetrating Magnetite Vehicles: Synthesis, Characterization and Preliminary In Vitro Testing. <i>Materials Proceedings</i> , 2020, 4, .	0.2	0