Olga CaamaÃ±o

List of Publications by Year
in descending order

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79 papers	1,231 citations	394421 19 h-index	434195 31 g-index
94 all docs	94 docs citations	94 times ranked	1457 citing authors

#	Article	IF	Citations
1	Synthesis, Pharmacological, and Biological Evaluation of 2-Furoyl-Based MIF-1 Peptidomimetics and the Development of a General-Purpose Model for Allosteric Modulators (ALLOPTML). ACS Chemical Neuroscience, 2021, 12, 203-215.	3.5	11
2	Nitrogen-Walk Approach to Explore Bioisosteric Replacements in a Series of Potent A_{2B} Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2020, 63, 7721-7739.	6.4	20
3	Perturbation Theory/Machine Learning Model of ChEMBL Data for Dopamine Targets: Docking, Synthesis, and Assay of New <scp>l</scp>-Prolyl-<scp>l</scp>-leucyl-glycinamide Peptidomimetics. ACS Chemical Neuroscience, 2018, 9, 2572-2587.	3.5	38
4	(Â±)-3,5-Bis(substitutedmethyl)pyrrolidines: Application to the Synthesis of Analogues of glycine-L-proline-L-glutamic Acid (GPE). Current Organic Synthesis, 2018, 15, 230-236.	1.3	2
5	Advances towards the synthesis and characterization of five-membered cyclic alcohols and ketones. Chemical Data Collections, 2017, 9-10, 44-49.	2.3	0
6	Effect of Nitrogen Atom Substitution in A₃ Adenosine Receptor Binding: N-(4,6-Diarylpyridin-2-yl)acetamides as Potent and Selective Antagonists. Journal of Medicinal Chemistry, 2017, 60, 7502-7511.	6.4	14
7	An efficient and recyclable 3D printed Î±-Al 2 O 3 catalyst for the multicomponent assembly of bioactive heterocycles. Applied Catalysis A: General, 2017, 530, 203-210.	4.3	82
8	Multi-Target Mining of Alzheimer Disease Proteome with Hanschâ€™s QSBR-Perturbation Theory and Experimental-Theoretic Study of New Thiophene Isosters of Rasagiline. Current Drug Targets, 2017, 18, 511-521.	2.1	18
9	Novel <scp>l</scp>-prolyl-<scp>l</scp>-leucylglycinamide (PLG) tripeptidomimetics based on a 2-azanorbornane scaffold as positive allosteric modulators of the D₂R. Organic and Biomolecular Chemistry, 2016, 14, 11065-11069.	2.8	12
10	Brain-inspired cheminformatics of drug-target brain interactome, synthesis, and assay of TVP1022 derivatives. Neuropharmacology, 2016, 103, 270-278.	4.1	59
11	Experimental-Theoretic Approach to Drug-Lymphocyte Interactome Networks with Flow Cytometry and Spectral Moments Perturbation Theory. Current Pharmaceutical Design, 2016, 22, 5114-5119.	1.9	3
12	Synthesis by microwave-assisted 1,3-dipolar cycloaddition of 1,2,3-triazole 1â€²-homo-3â€²-isoazanucleosides and evaluation of their anticancer activity. European Journal of Medicinal Chemistry, 2015, 98, 212-220.	5.5	13
13	Pyrazin-2(1H)-ones as a novel class of selective A3 adenosine receptor antagonists. Future Medicinal Chemistry, 2015, 7, 1373-1380.	2.3	8
14	A click chemistry approach to the synthesis of 3â€²-deoxy-2â€²-substituted carbanucleoside precursors. Tetrahedron, 2015, 71, 324-331.	1.9	1
15	Prediction of Multi-Target Networks of Neuroprotective Compounds with Entropy Indices and Synthesis, Assay, and Theoretical Study of New Asymmetric 1,2-Rasagiline Carbamates. International Journal of Molecular Sciences, 2014, 15, 17035-17064.	4.1	25
16	Model for High-Throughput Screening of Multitarget Drugs in Chemical Neurosciences: Synthesis, Assay, and Theoretic Study of Rasagiline Carbamates. ACS Chemical Neuroscience, 2013, 4, 1393-1403.	3.5	50
17	Synthesis and allosteric modulation of the dopamine receptor by peptide analogs of l-prolyl-l-leucyl-glycinamide (PLG) modified in the l-proline or l-proline and l-leucine scaffolds. European Journal of Medicinal Chemistry, 2013, 69, 146-158.	5.5	18
18	TOPS-MODE model of multiplexing neuroprotective effects of drugs and experimental-theoretic study of new 1,3-rasagiline derivatives potentially useful in neurodegenerative diseases. Bioorganic and Medicinal Chemistry, 2013, 21, 1870-1879.	3.0	48

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19	Copper-Catalyzed Huisgen 1,3-Dipolar Cycloaddition under Oxidative Conditions: Polymer-Assisted Assembly of 4-Acyl-1-Substituted-1,2,3-Triazoles. Journal of Organic Chemistry, 2013, 78, 6540-6549.	3.2	23
20	3D MI-DRAGON: New Model for the Reconstruction of US FDA Drug- Target Network and Theoretical-Experimental Studies of Inhibitors of Rasagiline Derivatives for AChE. Current Topics in Medicinal Chemistry, 2012, 12, 1843-1865.	2.1	13
21	A route to selective functionalization of polyhydroxypyrrolidines. Tetrahedron Letters, 2012, 53, 1029-1032.	1.4	14
22	MIND-BEST: Web Server for Drugs and Target Discovery; Design, Synthesis, and Assay of MAO-B Inhibitors and Theoreticalâ˜Experimental Study of G3PDH Protein fromTrichomonas gallinae. Journal of Proteome Research, 2011, 10, 1698-1718.	3.7	75
23	Silica-Supported Aluminum Chloride-Assisted Solution Phase Synthesis of Pyridazinone-Based Antiplatelet Agents. ACS Combinatorial Science, 2011, 13, 7-12.	3.8	11
24	Pyrimidine Derivatives as Potent and Selective A₃ Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2011, 54, 457-471.	6.4	56
25	Using entropy of drug and protein graphs to predict FDA drug-target network: Theoretic-experimental study of MAO inhibitors and hemoglobin peptides from Fasciola hepatica. European Journal of Medicinal Chemistry, 2011, 46, 1074-1094.	5.5	59
26	Polymerâ€Supported 1,5,7â€Triazabicyclo[4.4.0]decâ€5â€ene as Polyvalent Ligands in the Copperâ€Catalyzed Huisgen 1,3â€Dipolar Cycloaddition. Advanced Synthesis and Catalysis, 2010, 352, 1179-1192.	4.3	70
27	Design, Synthesis, and Evaluation of Antineoplastic Activity of Novel Carbocyclic Nucleosides. Molecular Informatics, 2010, 29, 213-231.	2.5	3
28	Synthesis of methyl (Â±)-3,5-bis(substitutedmethyl)pyrrolidine-2-carboxylates: a convenient approach to proline-mimetics. Tetrahedron, 2010, 66, 6797-6805.	1.9	8
29	Synthesis and pharmacological evaluation of novel 1,3,8- and 1,3,7,8-substituted xanthines as adenosine receptor antagonists. Bioorganic and Medicinal Chemistry, 2010, 18, 2001-2009.	3.0	8
30	Synthesis and pharmacological evaluation of novel substituted 9-deazaxanthines as A2B receptor antagonists. European Journal of Medicinal Chemistry, 2010, 45, 2884-2892.	5.5	9
31	Synthesis and Biological Evaluation of 6-Substituted Purinylcarbanucleosides with a Cyclopenta[b]thiophene Pseudosugar. Synthesis, 2009, 2009, 2766-2772.	2.3	0
32	Synthesis of novel 1-alkyl-8-substituted-3-(3-methoxypropyl) xanthines as putative A2B receptor antagonists. Bioorganic and Medicinal Chemistry, 2009, 17, 3426-3432.	3.0	13
33	1,3-Dialkyl-8-N-substituted benzyloxycarbonylamino-9-deazaxanthines as potent adenosine receptor ligands: Design, synthesis, structureâ€“affinity and structureâ€“selectivity relationships. Bioorganic and Medicinal Chemistry, 2009, 17, 3618-3629.	3.0	12
34	Synthesis and pharmacological evaluation of novel 1- and 8-substituted-3-furfuryl xanthines as adenosine receptor antagonists. Bioorganic and Medicinal Chemistry, 2009, 17, 6755-6760.	3.0	12
35	Synthesis and Antiviral Activities of Novel Purinyl- and PyrimidinylÂcarbanucleosides Derived from Indan. Synthesis, 2008, 2008, 1845-1852.	2.3	1
36	Synthesis of Novel Purinyl-1'-homocarbanucleosides Based on a Cyclopenta[b]pyrazine System. Chemical and Pharmaceutical Bulletin, 2008, 56, 654-658.	1.3	6

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37	Cyclocondensation of (Â±)-exo,exo-5,6-(Isopropylidenedioxy)-3-(pyrrolidinomethylene)bicyclo[2.2.1]heptan-2-one with N-C-N Dinucleophiles. Synthesis, 2007, 2007, 1385-1391.	2.3	2
38	Synthesis of Cyclopenta[d]pyridazinediol Precursors of Carbanucleosides. Synthesis, 2007, 2007, 2621-2626.	2.3	0
39	Synthesis and Evaluation of Adenosine Antagonist Activity of a Series of [1,2,4]Triazolo[1,5-c]quinazolines. Chemical and Pharmaceutical Bulletin, 2007, 55, 372-375.	1.3	14
40	Synthesis of 4-substituted-1,2,3-triazole carbanucleoside analogues of ribavirin via click chemistry. Organic and Biomolecular Chemistry, 2007, 5, 3805.	2.8	57
41	Regioselectivity in the formation of norbornene-fused pyrazoles: preparation of 1-substituted derivatives of 4,5,6,7-tetrahydro-1H-4,7-methanoindazole. Tetrahedron, 2006, 62, 3362-3369.	1.9	8
42	The use of (âˆ')-8-phenylisoneomenthol and (âˆ')-8-phenylmenthol in the enantioselective synthesis of 3-functionalized 2-azabicyclo[2.2.1]heptane derivatives via aza-Dielsâ€“Alder reaction. Tetrahedron, 2006, 62, 9475-9482.	1.9	24
43	Synthesis of Purinyl and Pyrimidinyl 1â€²(N)-Homocarbanucleosides Based on a 1-Methylcyclopenta[c]pyrazole Scaffold; Part 2. Synthesis, 2006, 2006, 3967-3972.	2.3	2
44	Synthesis of enantiopure cyclobutane amino acids and amino alcohols. Tetrahedron: Asymmetry, 2005, 16, 2593-2597.	1.8	6
45	Synthesis and Biological Evaluation of Carbocyclic Nucleosides with 2â€²,3â€²-Dihomo-xylo-carbocyclic or Carbocyclic Fused to a Tetrahydrofuran Ring. Synthesis, 2004, 2004, 1991-1995.	2.3	0
46	A Convenient Synthesis of New Purinyl-homo-carbonucleosides on a Cyclopentane Ring Fused with Pyridazine. Synthesis, 2004, 2004, 2855-2862.	2.3	9
47	Synthesis of new 6-substituted purinyl-5â€²-nor-1â€²-homocarbanucleosides based on indanol. Tetrahedron, 2004, 60, 9245-9253.	1.9	14
48	Synthesis of Series of 1- and 3-Differently Substituted Xanthines from Imidazoles.. ChemInform, 2003, 34, no.	0.0	0
49	Synthesis of two enantiomerically pure precursors of cyclobutane carbocyclic nucleosides. Tetrahedron: Asymmetry, 2003, 14, 3773-3778.	1.8	10
50	Synthesis and Oxidative Cleavage of 1- and 2-Alkyl Derivatives of (exo,exo)-5,6-Dihydroxy-4,5,6,7-tetrahydro-4,7-methanoindazoles. Synthesis, 2003, 2003, 2138-2144.	2.3	0
51	Carbocyclic Analogues of Nucleosides from bis-(Hydroxymethyl)-cyclopentane: Synthesis, Antiviral and Cytostatic Activities of Adenosine, Inosine and Uridine Analogues. Chemical and Pharmaceutical Bulletin, 2003, 51, 1060-1063.	1.3	9
52	Synthesis of Series of 1- and 3-Differently Substituted Xanthines from Imidazoles.. Chemical and Pharmaceutical Bulletin, 2002, 50, 1379-1382.	1.3	13
53	SYNTHESIS, ANTIVIRAL AND CYTOSTATIC ACTIVITIES, OF CARBOCYCLIC NUCLEOSIDES INCORPORATING A MODIFIED CYCLOPENTANE RING. IV. ADENOSINE AND URIDINE ANALOGUES. Nucleosides, Nucleotides and Nucleic Acids, 2002, 21, 243-255.	1.1	23
54	Synthesis of (Â±)-c-4-amino-r-1,t-2,c-3-cyclopentanetrimethanol and higher homologues of 8-azapurine arabino-carbocyclic nucleosides. Tetrahedron, 2002, 58, 7233-7240.	1.9	2

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55	Unexpected anionically driven ring opening of a norbornene system. Tetrahedron Letters, 2002, 43, 5311-5313.	1.4	3
56	Synthetic approaches to (Â±)-c-4-amino-r-1,c-2,t-3-cyclopentanetrimethanol: a precursor of higher homologues of xylo-carbocyclic nucleosides. Tetrahedron, 2002, 58, 967-974.	1.9	12
57	SYNTHESIS AND EVALUATION OF ANTIVIRAL ACTIVITY OF HIGHER HOMOLOGUES OF XYLO-CARBOCYCLIC NUCLEOSIDES. Nucleosides, Nucleotides and Nucleic Acids, 2001, 20, 1137-1139.	1.1	1
58	A short, efficient synthesis of the chiral auxiliary (+)-8-phenylneomenthol. Tetrahedron Letters, 2000, 41, 4123-4125.	1.4	19
59	Synthesis of (1R,3R)-3-[2-(Aminoethyl)-2,2-dimethylcyclobutyl]methanol and (1S,3R)-(3-Amino-2,2-dimethylcyclobutyl)methanol from (+)-Nopinone. Synthesis, 2000, 2000, 1459-1463.	2.3	6
60	Synthesis and Antiviral and Cytostatic Activities of Carbocyclic Nucleosides Incorporating a Modified Cyclobutane Ring. Archiv Der Pharmazie, 1999, 332, 348-352.	4.1	12
61	Synthesis of Novel Carbocyclic Nucleosides with a Modified Cyclopentane Ring and Evaluation of Their Antiviral Activity. Nucleosides & Nucleotides, 1999, 18, 641-642.	0.5	2
62	Synthesis and Antiviral and Antineoplastic Activities of Some Novel Carbocyclic Guanosine Analogues with a Cyclobutane Ring.. Chemical and Pharmaceutical Bulletin, 1999, 47, 1314-1317.	1.3	20
63	Synthesis and Antiviral Activity of Carbocyclic Nucleosides Incorporating a Modified Cyclopentane Ring. Part 3: Adenosine and Uridine Analogues. Nucleosides & Nucleotides, 1999, 18, 2253-2263.	0.5	7
64	Synthetic approaches to (1S,3R)-3-aminomethyl-2,2,3-trimethylcyclopentylmethanol and (1S,3R)-3-amino-2,2,3-trimethylcyclopentylmethanol from (+)-camphoric acid. Tetrahedron, 1998, 54, 7819-7830.	1.9	16
65	Enantioselective synthesis of 3-functionalized 2-azabicyclo[2.2.1]hept-5-enes by hetero Diels-Alder addition to cyclopentadiene. Tetrahedron Letters, 1998, 39, 5663-5666.	1.4	22
66	SYNTHESIS OF (1R,3S)-3-AMINO-1,2,2-TRIMETHYLCYCLOPENTYLMETHANOL. Organic Preparations and Procedures International, 1998, 30, 71-78.	1.3	3
67	An Efficient Method for Preparation of Chiral Arylmenthol Glyoxylates. Synthesis, 1998, 1998, 1590-1592.	2.3	6
68	Inversion of Enantioselectivity in the Diels-Alder Synthesis of 2-Azabicyclo- [2.2.1]hept-5-en-3-one from Cyclopentadiene and Chiral Sulfonyl Cyanides. Heterocycles, 1997, 45, 1745.	0.7	8
69	Syntheses of Chiral Menthyl and Neomenthyl Sulfides, sulfoxides and sulfones. Journal FÃ¼r Praktische Chemie, Chemiker-Zeitung, 1995, 337, 538-541.	0.5	3
70	Chiral sulfinic acids: Synthesis of sodium (1S,2S,5R)-2-isopropyl-5-mmethylcyclohexanesulfinate by a novel route. Tetrahedron, 1995, 51, 935-940.	1.9	7
71	Carbocyclic Nucleosides with a Modified Cyclopentane Skeleton. Nucleosides, Nucleotides and Nucleic Acids, 1995, 14, 295-297.	1.1	3
72	Synthesis of (1R, cis)-3-aminomethyl-1,2,2-trimethylcyclopentane-methanol: Two approaches using Î±-camphidone. Tetrahedron, 1994, 50, 2175-2182.	1.9	10

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73	Electron impact mass spectrometry of some potential neuroleptictrans-(2-Amino Methyl)-Cycloalkyl Aryl Ketones. Organic Mass Spectrometry, 1994, 29, 685-689.	1.3	0
74	A useful synthesis of chiral sulfonyl cyanides: (1S,2S,5R)-2-isopropyl-5-methylcyclohexanesulfonyl cyanide. Tetrahedron: Asymmetry, 1992, 3, 749-752.	1.8	22
75	Synthesis of Chiral Sulfinic Acids: Sodium(1S-exo)-2-Bornanesulfinate. Synthesis, 1990, 1990, 584-586.	2.3	18
76	Syntheses of Chiral C=N Dienophiles: Sulfonyloxyiminoâ€Malononitrile and Alkyl Sulfonyloxyiminocyanoacetates. Bulletin Des SociÃ©tÃ©s Chimiques Belges, 1989, 98, 923-929.	0.0	5
77	An Approach to the Enantioselective Synthesis of 2-Azabicyclo[2.2.1]hept-5-en-3-one. Heterocycles, 1988, 27, 2839.	0.7	12
78	Semi-rigid Models of Butyrophenones:trans-Phenyl-[2-(1-piperidinylmethyl)cyclopentyl]methanone. Archiv Der Pharmazie, 1987, 320, 425-429.	4.1	2
79	Synthesis and neuroleptic activity of some trans-(2-aminomethyl)-cyclopentyl aryl ketones. European Journal of Medicinal Chemistry, 1987, 22, 311-317.	5.5	3