Manuela Rodriquez

List of Publications by Year
in descending order

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46 papers	1,293 citations	304743 22 h-index	361022 35 g-index
50 all docs	50 docs citations	50 times ranked	2001 citing authors

#	Article	IF	Citations
1	A New Approach to Supramolecular Structure Determination in Pharmaceutical Preparation of Self-Assembling Peptides: A Case Study of Lanreotide Autogel. Pharmaceutics, 2022, 14, 681.	4.5	4
2	Towards an Improvement of Anticancer Activity of Benzyl Adenosine Analogs. Molecules, 2021, 26, 7146.	3.8	1
3	NMR for screening and a biochemical assay: Identification of new FPPS inhibitors exerting anticancer activity. Bioorganic Chemistry, 2020, 98, 103449.	4.1	3
4	Ganoderma lucidum Ethanol Extracts Enhance Re-Epithelialization and Prevent Keratinocytes from Free-Radical Injury. Pharmaceuticals, 2020, 13, 224.	3.8	19
5	N-thioalkylcarbazoles derivatives as new anti-proliferative agents: synthesis, characterisation and molecular mechanism evaluation. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 434-444.	5.2	39
6	Saliva of patients affected by salivary gland tumour: An NMR metabolomics analysis. Journal of Pharmaceutical and Biomedical Analysis, 2018, 160, 436-442.	2.8	16
7	The isoprenoid derivative N⁶â€benzyladenosine CM223 exerts antitumor effects in glioma patientâ€derived primary cells through the mevalonate pathway. British Journal of Pharmacology, 2017, 174, 2287-2301.	5.4	16
8	Synthesis and biological evaluation of Santacruzamate-A based analogues. Bioorganic and Medicinal Chemistry, 2017, 25, 6486-6491.	3.0	6
9	A serum nuclear magnetic resonance-based metabolomic signature of antiphospholipid syndrome. Journal of Pharmaceutical and Biomedical Analysis, 2017, 133, 90-95.	2.8	9
10	Investigating the Neuroprotective Effects of Turmeric Extract: Structural Interactions of Î²-Amyloid Peptide with Single Curcuminoids. Scientific Reports, 2016, 6, 38846.	3.3	28
11	Î²-Amyloid-acetylcholine molecular interaction: new role of cholinergic mediators in anti-Alzheimer therapy?. Future Medicinal Chemistry, 2016, 8, 1179-1189.	2.3	32
12	Benzodiazepine Scaffold as Drug-like Molecular Simplification of FR235222: A Chemical Tool for Exploring HDAC Inhibition. Current Topics in Medicinal Chemistry, 2016, 17, 441-459.	2.1	3
13	Fast determination of underivatized gentamicin C components and impurities by LC-MS using a porous graphitic carbon stationary phase. Analytical and Bioanalytical Chemistry, 2015, 407, 7691-7701.	3.7	13
14	Facile Baeyerâ€“Villiger oxidation of cyclic ketones: conventional versus microwave-assisted approach. Tetrahedron Letters, 2015, 56, 5723-5726.	1.4	13
15	Is it time to integrate sex and gender into drug design and development?. Future Medicinal Chemistry, 2015, 7, 557-559.	2.3	6
16	Downregulation of Hypoxia-related Responses by Novel Antitumor Histone Deacetylase Inhibitors in MDAMB231 Breast Cancer Cells. Anti-Cancer Agents in Medicinal Chemistry, 2012, 12, 407-413.	1.7	10
17	Histone deacetylase inhibitors in the treatment of cancer: overview and perspectives. Future Medicinal Chemistry, 2012, 4, 1439-1460.	2.3	144
18	Synthesis of Enantiopure 7â€Substituted Azepaneâ€2â€carboxylic Acids as Templates for Conformationally Constrained Peptidomimetics. European Journal of Organic Chemistry, 2012, 2012, 2133-2141.	2.4	30

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19	Oxime Amides as a Novel Zinc Binding Group in Histone Deacetylase Inhibitors: Synthesis, Biological Activity, and Computational Evaluation. Journal of Medicinal Chemistry, 2011, 54, 2165-2182.	6.4	45
20	Histone Deacetylase Inhibitors in the Treatment of Hematological Malignancies. Mini-Reviews in Medicinal Chemistry, 2011, 11, 519-527.	2.4	21
21	Histone deacetylase inhibitor FR235222 sensitizes human prostate adenocarcinoma cells to apoptosis through up-regulation of Annexin A1. Cancer Letters, 2010, 295, 85-91.	7.2	29
22	LGP1, A histone deacetylase inhibitor analogue of FR235222, sensitizes promyelocytic leukaemia U937 cells to TRAIL-mediated apoptosis. Anticancer Research, 2010, 30, 887-94.	1.1	14
23	Transformation of Glutamic Acid into (S)-Benzyl 2-(dibenzylamino)-6-(dimethoxyphosphoryl)-5-oxohexanoate for a Convenient Access to 5-Substituted Prolines. Synlett, 2009, 2009, 1562-1566.	1.8	2
24	Synthesis and application in SPPS of a stable amino acid isostere of palmitoyl cysteine. Tetrahedron, 2009, 65, 844-848.	1.9	8
25	Microwaves enhance cyclisation of tetrapeptides. Tetrahedron Letters, 2009, 50, 7159-7161.	1.4	15
26	Skeletally Diverse Small Molecules Using a Build/Couple/Pair Strategy. Organic Letters, 2009, 11, 1559-1562.	4.6	49
27	Molecular modeling studies toward the structural optimization of new cyclopeptide-based HDAC inhibitors modeled on the natural product FR235222. Bioorganic and Medicinal Chemistry, 2008, 16, 8635-8642.	3.0	38
28	Effects of FR235222, a novel HDAC inhibitor, in proliferation and apoptosis of human leukaemia cell lines: Role of Annexin A1. European Journal of Cancer, 2008, 44, 740-749.	2.8	49
29	Design and Synthesis of Cyclopeptide Analogues of the Potent Histone Deacetylase Inhibitor FR235222. ChemMedChem, 2007, 2, 1511-1519.	3.2	29
30	Total Synthesis and Biological Evaluation of Halipeptins A and D and Analogues. Journal of the American Chemical Society, 2006, 128, 4460-4470.	13.7	59
31	Total Synthesis and Structural Elucidation of Azaspiracid-1. Construction of Key Building Blocks for Originally Proposed Structure. Journal of the American Chemical Society, 2006, 128, 2244-2257.	13.7	70
32	Synthesis of 2-Amino-8-oxodecanoic Acids (Aodas) Present in Natural Hystone Deacetylase Inhibitors. Journal of Organic Chemistry, 2006, 71, 103-107.	3.2	30
33	Total Synthesis, NMR Solution Structure, and Binding Model of the Potent Histone Deacetylase Inhibitor FR235222. Angewandte Chemie - International Edition, 2006, 45, 423-427.	13.8	41
34	Chemistry and Biology of Anti-Inflammatory Marine Natural Products:Molecules Interfering with Cyclooxygenase, NF-kB and Other Unidentified Targets. Current Medicinal Chemistry, 2006, 13, 1947-1969.	2.4	48
35	Chemistry and Biology of Chromatin Remodeling Agents: State of Art and Future Perspectives of HDAC Inhibitors. Current Medicinal Chemistry, 2006, 13, 1119-1139.	2.4	66
36	Synthesis of Kainoids via a Highly Stereoselective Hydroformylation of Kainic Acid. Synlett, 2005, 2005, 1581-1585.	1.8	1

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37	Specific Targeting Highly Conserved Residues in the HIV-1 Reverse Transcriptase Primer Grip Region. Design, Synthesis, and Biological Evaluation of Novel, Potent, and Broad Spectrum NNRTIs with Antiviral Activity. Journal of Medicinal Chemistry, 2005, 48, 7153-7165.	6.4	43
38	Colorimetric Tools for Solid-Phase Organic Synthesis. ACS Combinatorial Science, 2004, 6, 805-810.	3.3	58
39	Ionic Liquid as a Suitable Phase for Multistep Parallel Synthesis of an Array of Isoxazolines.. ChemInform, 2004, 35, no.	0.0	0
40	Colorimetric Tools for Solid-Phase Organic Synthesis. ChemInform, 2004, 35, no.	0.0	0
41	Sensible Improvements Induced by Ionic Liquids in the Reaction of Modified Carbasugars with Bases for the Building of Constrained Carbanucleosides. Journal of Organic Chemistry, 2004, 69, 2881-2883.	3.2	15
42	Developing Molecular Diversity in the Construction of a Family of Bicyclic Isoxazolines Scaffolds: Control of Regio-and Diastereoselectivities. European Journal of Organic Chemistry, 2003, 2003, 4777-4785.	2.4	5
43	Synthesis, structural aspects and cytotoxicity of the natural cyclopeptides yunnanins A, C and phakellistatins 1, 10. Tetrahedron, 2003, 59, 10203-10211.	1.9	48
44	1,3-Cycloaddition of nitrile oxides in ionic liquids. An easier route to 3-carboxy isoxazolines, potential constrained glutamic acid analogues. Tetrahedron Letters, 2003, 44, 5327-5330.	1.4	36
45	Ionic Liquid as a Suitable Phase for Multistep Parallel Synthesis of an Array of Isoxazolines. Organic Letters, 2003, 5, 4029-4031.	4.6	22
46	Solid-Phase Synthesis of Conformationally Constrained Peptidomimetics Based on a 3,6-Disubstituted-1,4-diazepan-2,5-dione Core. Journal of Organic Chemistry, 2003, 68, 7893-7895.	3.2	52