

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	Histone deacetylase inhibitors in the treatment of cancer: overview and perspectives. <i>Future Medicinal Chemistry</i> , 2012, 4, 1439-1460.	2.3	144
2	Total Synthesis and Structural Elucidation of Azaspiracid-1. Construction of Key Building Blocks for Originally Proposed Structure. <i>Journal of the American Chemical Society</i> , 2006, 128, 2244-2257.	13.7	70
3	Chemistry and Biology of Chromatin Remodeling Agents: State of Art and Future Perspectives of HDAC Inhibitors. <i>Current Medicinal Chemistry</i> , 2006, 13, 1119-1139.	2.4	66
4	Total Synthesis and Biological Evaluation of Halipeptins A and D and Analogues. <i>Journal of the American Chemical Society</i> , 2006, 128, 4460-4470.	13.7	59
5	Colorimetric Tools for Solid-Phase Organic Synthesis. <i>ACS Combinatorial Science</i> , 2004, 6, 805-810.	3.3	58
6	Solid-Phase Synthesis of Conformationally Constrained Peptidomimetics Based on a 3,6-Disubstituted-1,4-diazepan-2,5-dione Core. <i>Journal of Organic Chemistry</i> , 2003, 68, 7893-7895.	3.2	52
7	Effects of FR235222, a novel HDAC inhibitor, in proliferation and apoptosis of human leukaemia cell lines: Role of Annexin A1. <i>European Journal of Cancer</i> , 2008, 44, 740-749.	2.8	49
8	Skeletally Diverse Small Molecules Using a Build/Couple/Pair Strategy. <i>Organic Letters</i> , 2009, 11, 1559-1562.	4.6	49
9	Synthesis, structural aspects and cytotoxicity of the natural cyclopeptides yunnanins A, C and phakellistatins 1, 10. <i>Tetrahedron</i> , 2003, 59, 10203-10211.	1.9	48
10	Chemistry and Biology of Anti-Inflammatory Marine Natural Products: Molecules Interfering with Cyclooxygenase, NF- κ B and Other Unidentified Targets. <i>Current Medicinal Chemistry</i> , 2006, 13, 1947-1969.	2.4	48
11	Oxime Amides as a Novel Zinc Binding Group in Histone Deacetylase Inhibitors: Synthesis, Biological Activity, and Computational Evaluation. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 2165-2182.	6.4	45
12	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. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 7153-7165.	6.4	43
13	Total Synthesis, NMR Solution Structure, and Binding Model of the Potent Histone Deacetylase Inhibitor FR235222. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 423-427.	13.8	41
14	N-thioalkylcarbazoles derivatives as new anti-proliferative agents: synthesis, characterisation and molecular mechanism evaluation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 434-444.	5.2	39
15	Molecular modeling studies toward the structural optimization of new cyclopeptide-based HDAC inhibitors modeled on the natural product FR235222. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8635-8642.	3.0	38
16	1,3-Cycloaddition of nitrile oxides in ionic liquids. An easier route to 3-carboxy isoxazolines, potential constrained glutamic acid analogues. <i>Tetrahedron Letters</i> , 2003, 44, 5327-5330.	1.4	36
17	β -Amyloid-acetylcholine molecular interaction: new role of cholinergic mediators in anti-Alzheimer therapy?. <i>Future Medicinal Chemistry</i> , 2016, 8, 1179-1189.	2.3	32
18	Synthesis of 2-Amino-8-oxodecanoic Acids (Aodas) Present in Natural Histone Deacetylase Inhibitors. <i>Journal of Organic Chemistry</i> , 2006, 71, 103-107.	3.2	30

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19	Synthesis of Enantiopure 7-Substituted Azepane-2-carboxylic Acids as Templates for Conformationally Constrained Peptidomimetics. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2133-2141.	2.4	30
20	Design and Synthesis of Cyclopeptide Analogues of the Potent Histone Deacetylase Inhibitor FR235222. <i>ChemMedChem</i> , 2007, 2, 1511-1519.	3.2	29
21	Histone deacetylase inhibitor FR235222 sensitizes human prostate adenocarcinoma cells to apoptosis through up-regulation of Annexin A1. <i>Cancer Letters</i> , 2010, 295, 85-91.	7.2	29
22	Investigating the Neuroprotective Effects of Turmeric Extract: Structural Interactions of β -Amyloid Peptide with Single Curcuminoids. <i>Scientific Reports</i> , 2016, 6, 38846.	3.3	28
23	Ionic Liquid as a Suitable Phase for Multistep Parallel Synthesis of an Array of Isoxazolines. <i>Organic Letters</i> , 2003, 5, 4029-4031.	4.6	22
24	Histone Deacetylase Inhibitors in the Treatment of Hematological Malignancies. <i>Mini-Reviews in Medicinal Chemistry</i> , 2011, 11, 519-527.	2.4	21
25	<i>Ganoderma lucidum</i> Ethanol Extracts Enhance Re-Epithelialization and Prevent Keratinocytes from Free-Radical Injury. <i>Pharmaceuticals</i> , 2020, 13, 224.	3.8	19
26	The isoprenoid derivative N ⁶ -benzyladenosine CM223 exerts antitumor effects in glioma patient-derived primary cells through the mevalonate pathway. <i>British Journal of Pharmacology</i> , 2017, 174, 2287-2301.	5.4	16
27	Saliva of patients affected by salivary gland tumour: An NMR metabolomics analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 436-442.	2.8	16
28	Sensible Improvements Induced by Ionic Liquids in the Reaction of Modified Carbasugars with Bases for the Building of Constrained Carbanucleosides. <i>Journal of Organic Chemistry</i> , 2004, 69, 2881-2883.	3.2	15
29	Microwaves enhance cyclisation of tetrapeptides. <i>Tetrahedron Letters</i> , 2009, 50, 7159-7161.	1.4	15
30	LGP1, A histone deacetylase inhibitor analogue of FR235222, sensitizes promyelocytic leukaemia U937 cells to TRAIL-mediated apoptosis. <i>Anticancer Research</i> , 2010, 30, 887-94.	1.1	14
31	Fast determination of underivatized gentamicin C components and impurities by LC-MS using a porous graphitic carbon stationary phase. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 7691-7701.	3.7	13
32	Facile Baeyer-Villiger oxidation of cyclic ketones: conventional versus microwave-assisted approach. <i>Tetrahedron Letters</i> , 2015, 56, 5723-5726.	1.4	13
33	Downregulation of Hypoxia-related Responses by Novel Antitumor Histone Deacetylase Inhibitors in MDAMB231 Breast Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012, 12, 407-413.	1.7	10
34	A serum nuclear magnetic resonance-based metabolomic signature of antiphospholipid syndrome. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 133, 90-95.	2.8	9
35	Synthesis and application in SPPS of a stable amino acid isostere of palmitoyl cysteine. <i>Tetrahedron</i> , 2009, 65, 844-848.	1.9	8
36	Is it time to integrate sex and gender into drug design and development?. <i>Future Medicinal Chemistry</i> , 2015, 7, 557-559.	2.3	6

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37	Synthesis and biological evaluation of Santacruzamate-A based analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6486-6491.	3.0	6
38	Developing Molecular Diversity in the Construction of a Family of Bicyclic Isoxazolines Scaffolds: Control of Regio- and Diastereoselectivities. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4777-4785.	2.4	5
39	A New Approach to Supramolecular Structure Determination in Pharmaceutical Preparation of Self-Assembling Peptides: A Case Study of Lanreotide Autogel. <i>Pharmaceutics</i> , 2022, 14, 681.	4.5	4
40	NMR for screening and a biochemical assay: Identification of new FPPS inhibitors exerting anticancer activity. <i>Bioorganic Chemistry</i> , 2020, 98, 103449.	4.1	3
41	Benzodiazepine Scaffold as Drug-like Molecular Simplification of FR235222: A Chemical Tool for Exploring HDAC Inhibition. <i>Current Topics in Medicinal Chemistry</i> , 2016, 17, 441-459.	2.1	3
42	Transformation of Glutamic Acid into (S)-Benzyl 2-(dibenzylamino)-6-(dimethoxyphosphoryl)-5-oxohexanoate for a Convenient Access to 5-Substituted Prolines. <i>Synlett</i> , 2009, 2009, 1562-1566.	1.8	2
43	Synthesis of Kainoids via a Highly Stereoselective Hydroformylation of Kainic Acid. <i>Synlett</i> , 2005, 2005, 1581-1585.	1.8	1
44	Towards an Improvement of Anticancer Activity of Benzyl Adenosine Analogs. <i>Molecules</i> , 2021, 26, 7146.	3.8	1
45	Ionic Liquid as a Suitable Phase for Multistep Parallel Synthesis of an Array of Isoxazolines.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
46	Colorimetric Tools for Solid-Phase Organic Synthesis. <i>ChemInform</i> , 2004, 35, no.	0.0	0