

Maria PÃ©rez Bosch

List of Publications by Year in descending order

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304368

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#	ARTICLE	IF	CITATIONS
1	Synthesis of Enantiopure trans-3,4-Disubstituted Piperidines. An Enantiodivergent Synthesis of (+)- and (âˆ’)-Paroxetine. <i>Journal of Organic Chemistry</i> , 2000, 65, 3074-3084. Dynamic Kinetic Resolution and Desymmetrization of Enantiotopic Groups by Cyclodehydration of Racemic or Prochiral Îˆ-Oxoesters with (R)-Phenylglycinol: Enantioselective Synthesis of Piperidines	1.7	135
2	This work was supported by the DGICYT, Spain (BQU2000-0651), and the CUR, Generalitat de Catalunya (2001SGR-0084). We also thank the Ministry of Education, Culture, and Sport for fellowships to M.C. and M.P., as well as the CICYT, Spain, for a postdoctoral fellowship to V.P.. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 335.	7.2	57
3	Enantioselective Synthesis of Indole Alkaloids from Chiral Lactams. <i>Synlett</i> , 2011, 2011, 143-160.	1.0	56
4	Conjugate Additions to Phenylglycinol-Derived Unsaturated Îˆ-Lactams. Enantioselective Synthesis of Uleine Alkaloids. <i>Journal of Organic Chemistry</i> , 2004, 69, 8681-8693.	1.7	53
5	Dynamic Kinetic Resolution and Desymmetrization Processes: A Straightforward Methodology for the Enantioselective Synthesis of Piperidines. <i>Chemistry - A European Journal</i> , 2006, 12, 7872-7881.	1.7	52
6	Conjugate Addition of Organocuprates to Chiral Bicyclic Îˆ-Lactams. Enantioselective Synthesis of cis-3,4-Disubstituted and 3,4,5-Trisubstituted Piperidines. <i>Organic Letters</i> , 2001, 3, 611-614.	2.4	43
7	Total Synthesis of (+)-Madangamine. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6202-6205.	7.2	39
8	An Enantioselective Entry to cis-Perhydroisoquinolines. <i>Organic Letters</i> , 2005, 7, 3653-3656.	2.4	37
9	Enantioselective formal synthesis of ent-rhynchophylline and ent-isorhynchophylline. <i>Chemical Communications</i> , 2013, 49, 1954.	2.2	37
10	A tryptophan-derived oxazolopiperidone lactam is cytotoxic against tumors via inhibition of p53 interaction with murine double minute proteins. <i>Pharmacological Research</i> , 2015, 95-96, 42-52.	3.1	37
11	Stereodivergent Synthesis of Enantiopure cis- and trans-3-Ethyl-4-piperidineacetates. <i>Organic Letters</i> , 2002, 4, 2787-2790.	2.4	36
12	Effects of Organic and Conventional Growing Systems on the Phenolic Profile of Extra-Virgin Olive Oil. <i>Molecules</i> , 2019, 24, 1986.	1.7	35
13	Stereoselective Conjugate Addition Reactions to Phenylglycinol-Derived, Unsaturated Oxazolopiperidone Lactams. <i>Chemistry - A European Journal</i> , 2011, 17, 7724-7732.	1.7	34
14	Insights into the Binding of Dietary Phenolic Compounds to Human Serum Albumin and Food-Drug Interactions. <i>Pharmaceutics</i> , 2020, 12, 1123.	2.0	33
15	First Enantioselective Synthesis of the Diazatricyclic Core of Madangamine Alkaloids. <i>Chemistry - A European Journal</i> , 2010, 16, 9438-9441.	1.7	32
16	Traceability, authenticity and sustainability of cocoa and chocolate products: a challenge for the chocolate industry. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 475-489.	5.4	30
17	An Enantioselective Synthetic Route to cis-2,4-Disubstituted and 2,4-Bridged Piperidines. <i>Journal of Organic Chemistry</i> , 2008, 73, 6920-6923.	1.7	29
18	Impact of Emerging Technologies on Virgin Olive Oil Processing, Consumer Acceptance, and the Valorization of Olive Mill Wastes. <i>Antioxidants</i> , 2021, 10, 417.	2.2	28

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19	Metabolomics Technologies for the Identification and Quantification of Dietary Phenolic Compound Metabolites: An Overview. <i>Antioxidants</i> , 2021, 10, 846.	2.2	27
20	A general synthetic route to enantiopure cis-fused perhydrocycloalka[c]pyridines from phenylglycinol-derived lactams. <i>Tetrahedron</i> , 2007, 63, 5839-5848.	1.0	25
21	Stereoselective $\hat{\pm}$ -amidoalkylation reactions of phenylglycinol-derived bicyclic lactams. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1679-1683.	1.8	24
22	Extra virgin olive oil: A comprehensive review of efforts to ensure its authenticity, traceability, and safety. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2022, 21, 2639-2664.	5.9	23
23	NMR spectroscopy: a powerful tool for the analysis of polyphenols in extra virgin olive oil. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 1842-1851.	1.7	22
24	Enantioselective formal synthesis of uleine alkaloids from phenylglycinol-derived bicyclic lactams. <i>Chemical Communications</i> , 2004, , 1602-1603.	2.2	20
25	Model Studies on the Synthesis of Madangamine Alkaloids. Assembly of the Macrocyclic Rings. <i>Organic Letters</i> , 2012, 14, 3916-3919.	2.4	20
26	First enantioselective synthesis of tetracyclic intermediates en route to madangamine D. <i>Chemical Communications</i> , 2013, 49, 3149.	2.2	19
27	Preparation and Double Michael Addition Reactions of a Synthetic Equivalent of the Nazarov Reagent. <i>Organic Letters</i> , 2013, 15, 2470-2473.	2.4	17
28	Total Analysis of the Major Secoiridoids in Extra Virgin Olive Oil: Validation of an UHPLC-ESI-MS/MS Method. <i>Antioxidants</i> , 2021, 10, 540.	2.2	17
29	Influence of the Ripening Stage and Extraction Conditions on the Phenolic Fingerprint of $\hat{\sim}$ Corbella $\hat{\sim}$ ™ Extra-Virgin Olive Oil. <i>Antioxidants</i> , 2021, 10, 877.	2.2	17
30	An Unexpected Oxidation in the Generation of Cyclopenta[<i>c</i>]piperidines by Ring-Closing Metathesis. <i>Organic Letters</i> , 2009, 11, 4370-4373.	2.4	15
31	Stereocontrolled Generation of Benzo[<i>a</i>]and Indolo[2,3- <i>a</i>]quinolizidines from (<i>S</i>)-tryptophanol and (<i>S</i>)-(3,4-dimethoxyphenyl)alaninol-derived Lactams. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 3858-3863.	1.2	14
32	Oleacein Intestinal Permeation and Metabolism in Rats Using an In Situ Perfusion Technique. <i>Pharmaceutics</i> , 2021, 13, 719.	2.0	13
33	Indolo[2,3- <i>a</i>]quinolizidines and Derivatives: Bioactivity and Asymmetric Synthesis. <i>Current Pharmaceutical Design</i> , 2015, 21, 5518-5546.	0.9	12
34	Optimizing the Malaxation Conditions to Produce an Arbequina EVOO with High Content of Bioactive Compounds. <i>Antioxidants</i> , 2021, 10, 1819.	2.2	12
35	On the configuration of (3 <i>R</i> ,8 <i>aS</i>)-5-oxo-3-phenyl-2,3,6,7,8,8 <i>a</i> -hexahydro-5 <i>H</i> -oxazolo[3,2- <i>a</i>]pyridine. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 293-295.	1.8	11
36	Enantioselective synthesis of alkaloids from phenylglycinol-derived lactams. <i>Natural Product Communications</i> , 2011, 6, 515-26.	0.2	11

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37	The Alkaloids of the Madangamine Group. <i>The Alkaloids Chemistry and Biology</i> , 2015, 74, 159-199.	0.8	10
38	Current strategies to guarantee the authenticity of coffee. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 539-554.	5.4	10
39	Stereocontrolled synthesis of enantiopure cis- and trans-3,4,4a,5,8,8a-hexahydro-1H-quinolin-2-ones. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2406-2410.	1.8	9
40	Tryptophan-derived oxazolopiperidone lactams: Identification of a hit compound as NMDA receptor antagonist. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3333-3336.	1.0	9
41	Enantioselective Synthesis of Spiro[indolizidine-1,3-oxindoles]. <i>Organic Letters</i> , 2017, 19, 4050-4053.	2.4	9
42	Double Michael Reaction of <i>N</i> -Carboethoxy-2,3-dihydropyridin-4-one. <i>Synlett</i> , 2001, 2001, 0132-0134.	1.0	8
43	Stereoselective Total Synthesis of the Putative Structure of Nitrraine. <i>Journal of Organic Chemistry</i> , 2014, 79, 7740-7745.	1.7	8
44	Enantioselective synthesis of 2-[(3-ethyl-4-piperidyl)methyl]indoles from a phenylglycinol-derived lactam: formal synthesis of Strychnos alkaloids. <i>Tetrahedron Letters</i> , 2007, 48, 6722-6725.	0.7	7
45	Stereocontrolled Annulations of Indolo[2,3- <i>a</i>]quinolizidine-Derived Lactams with a Silylated Nazarov Reagent: Access to Allo and Epiallo Yohimbine-Type Derivatives. <i>Chemistry - A European Journal</i> , 2015, 21, 13382-13389.	1.7	7
46	Enantioselective formal synthesis of (+)-madangamine A. <i>Chemical Communications</i> , 2019, 55, 7207-7210.	2.2	7
47	Enantioselective Synthesis of Alkaloids from Phenylglycinol-Derived Lactams. <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600.	0.2	5
48	Conjugate Addition of α -Acetylindole Enolates to Unsaturated Oxazolopiperidone Lactams: Enantioselective Access to the Tetracyclic Ring System of Ervitsine. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 898-907.	1.2	5
49	Origin of the Base-Dependent Facial Selectivity in Annulation Reactions of Nazarov-Type Reagents with Unsaturated Indolo[2,3- <i>a</i>]quinolizidine Lactams. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3969-3979.	1.2	5
50	Access to Enantiopure Advanced Intermediates en Route to Madangamines. <i>Chemistry - A European Journal</i> , 2019, 25, 15929-15933.	1.7	5
51	Enantiopure Indolo[2,3- <i>a</i>]quinolizidines: Synthesis and Evaluation as NMDA Receptor Antagonists. <i>Molecules</i> , 2016, 21, 1027.	1.7	4
52	Studies on the Regioselectivity of the Cyclization of Tryptophan-Derived Oxazolopiperidone Lactams. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1246-1252.	1.2	3
53	Studies on the Enantioselective Synthesis of E-Ethylidene-bearing Spiro[indolizidine-1,3-oxindole] Alkaloids. <i>Molecules</i> , 2021, 26, 428.	1.7	1
54	Stereoselective β -Amidoalkylation Reactions of Phenylglycinol-Derived Bicyclic Lactams. <i>ChemInform</i> , 2003, 34, no.	0.1	0

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55	An Enantioselective Entry to cis-Perhydroisoquinolines.. ChemInform, 2006, 37, no.	0.1	0
56	A Straightforward Synthesis of Functionalized cis-Perhydroisoquinolin-1-ones. Molecules, 2019, 24, 557.	1.7	0
57	Synthesis of a tetrahydroimidazo- [2â€™™,1â€™™:2,3]thiazolo[5,4-c]pyridine derivative with Met inhibitory activity. Arkivoc, 2009, 2010, 145-151.	0.3	0
58	Unsaturated oxazolopiperidone lactams: an unexpected domino-type double conjugate additionâ€™cyclization process. Arkivoc, 2014, 2014, 6-18.	0.3	0
59	Abstract 3288: The chemokine receptor CXCR4 and the cannabinoid receptor CB2R form heterodimers in non-Hodgkin lymphoma (NHL) and solid tumors leading to functional crosstalk. , 2016, , .		0