

Elena M Sanchez Fernandez

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6519573/elena-m-sanchez-fernandez-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

1,278
citations

22
h-index

35
g-index

52
ext. papers

1,433
ext. citations

4.9
avg, IF

4.08
L-index

#	Paper	IF	Citations
44	Anti-Inflammatory (M2) Response Is Induced by a sp-Iminosugar Glycolipid Sulfoxide in Diabetic Retinopathy. <i>Frontiers in Immunology</i> , 2021 , 12, 632132	8.4	3
43	sp ² -Iminosugars as chemical mimics for glycodrug design 2020 , 197-224		0
42	Stereoselective Synthesis of Iminosugar 2-Deoxy(thio)glycosides from Bicyclic Iminoglycal Carbamates Promoted by Cerium(IV) Ammonium Nitrate and Cooperative Brønsted Acid-Type Organocatalysis. <i>Journal of Organic Chemistry</i> , 2020 , 85, 5038-5047	4.2	4
41	Synthesis, conformational analysis and assays of an anti-cancer vaccine that features an unnatural antigen based on an sp-iminosugar fragment. <i>Chemical Science</i> , 2020 , 11, 3996-4006	9.4	11
40	Amplified Detection of Breast Cancer Autoantibodies Using MUC1-Based Tn Antigen Mimics. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 8524-8533	8.3	6
39	sp-Iminosugar glycolipids as inhibitors of lipopolysaccharide-mediated human dendritic cell activation <i>in vitro</i> and of acute inflammation in mice <i>in vivo</i> . <i>European Journal of Medicinal Chemistry</i> , 2019 , 169, 111-120	6.8	10
38	Thiol-ene "Click" Synthesis and Pharmacological Evaluation of α -Glycoside sp-Iminosugar Glycolipids. <i>Molecules</i> , 2019 , 24,	4.8	3
37	Synthesis of polyfluoroalkyl sp-iminosugar glycolipids and evaluation of their immunomodulatory properties towards anti-tumor, anti-leishmanial and anti-inflammatory therapies. <i>European Journal of Medicinal Chemistry</i> , 2019 , 182, 111604	6.8	10
36	Mannose-coated polydiacetylene (PDA)-based nanomicelles: synthesis, interaction with concanavalin A and application in the water solubilization and delivery of hydrophobic molecules. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 5930-5946	7.3	10
35	The sp-iminosugar glycolipid 1-dodecylsulfonyl-5N,6O-oxomethylidenenojirimycin (DSO-ONJ) as selective anti-inflammatory agent by modulation of hemoxygenase-1 in Bv.2 microglial cells and retinal explants. <i>Food and Chemical Toxicology</i> , 2018 , 111, 454-466	4.7	15
34	sp-Iminosugar β -glucosidase inhibitor 1-C-octyl-2-oxa-3-oxocastanospermine specifically affected breast cancer cell migration through Stim1, β -integrin, and FAK signaling pathways. <i>Journal of Cellular Physiology</i> , 2017 , 232, 3631-3640	7	30
33	Fluorinated Chaperone- β Cyclodextrin Formulations for β Glucocerebrosidase Activity Enhancement in Neuronopathic Gaucher Disease. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 1829-1842	8.3	23
32	Tn Antigen Mimics Based on sp ⁽²⁾ -Iminosugars with Affinity for an anti-MUC1 Antibody. <i>Organic Letters</i> , 2016 , 18, 3890-3	6.2	25
31	Modulation of microglia polarization dynamics during diabetic retinopathy in db/db mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 1663-74	6.9	57
30	Influence of the configurational pattern of sp ⁽²⁾ -iminosugar pseudo N-, S-, O- and C-glycosides on their glycoside inhibitory and antitumor properties. <i>Carbohydrate Research</i> , 2016 , 429, 113-22	2.9	32
29	Glycomimetic-based pharmacological chaperones for lysosomal storage disorders: lessons from Gaucher, GM1-gangliosidosis and Fabry diseases. <i>Chemical Communications</i> , 2016 , 52, 5497-515	5.8	94
28	Tuning of glyconanomaterial shape and size for selective bacterial cell agglutination. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 2028-2037	7.3	25

27	Conformationally-locked C-glycosides: tuning aglycone interactions for optimal chaperone behaviour in Gaucher fibroblasts. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 1473-84	3.9	10
26	Antileishmanial activity of sp ² -iminosugar derivatives. <i>RSC Advances</i> , 2015 , 5, 21812-21822	3.7	23
25	Synthesis of multibranching australine derivatives from reducing castanospermine analogues through the Amadori rearrangement of gem-diamine intermediates: selective inhibitors of β -glucosidase. <i>Journal of Organic Chemistry</i> , 2014 , 79, 11722-8	4.2	19
24	N-Thiocarbonyl Iminosugars: Synthesis and Evaluation of Castanospermine Analogues Bearing Oxazole-2(3H)-thione Moieties. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 7941-7951	3.2	7
23	Investigations on the oxygen dependence of a 2-oxoglutarate histone demethylase. <i>Biochemical Journal</i> , 2013 , 449, 491-6	3.8	48
22	New castanospermine glycoside analogues inhibit breast cancer cell proliferation and induce apoptosis without affecting normal cells. <i>PLoS ONE</i> , 2013 , 8, e76411	3.7	31
21	Efficient transfection of hepatocytes mediated by mRNA complexed to galactosylated cyclodextrins. <i>Bioconjugate Chemistry</i> , 2012 , 23, 1276-89	6.3	36
20	sp ² -Iminosugar O-, S-, and N-glycosides as conformational mimics of β -linked disaccharides; implications for glycosidase inhibition. <i>Chemistry - A European Journal</i> , 2012 , 18, 8527-39	4.8	44
19	Synthesis of N-, S-, and C-glycoside castanospermine analogues with selective neutral α -glucosidase inhibitory activity as antitumour agents. <i>Chemical Communications</i> , 2010 , 46, 5328-30	5.8	63
18	Generalized anomeric effect in gem-diamines: stereoselective synthesis of α -N-linked disaccharide mimics. <i>Organic Letters</i> , 2009 , 11, 3306-9	6.2	33
17	Asymmetric synthesis of N,O,O,O-tetra-acetyl d-lyxo-phytosphingosine, jaspine B (pachastrissamine), 2-epi-jaspine B, and deoxoprosopphylline via lithium amide conjugate addition. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 1665-73	3.9	94
16	Tandem addition-cyclization mediated by sulfanyl radicals: a versatile strategy for iridoids synthesis. <i>Tetrahedron</i> , 2008 , 64, 5111-5118	2.4	12
15	Mild Ti(III)- and Mn/Zr(IV)-catalytic reductive coupling of allylic halides: efficient synthesis of symmetric terpenes. <i>Journal of Organic Chemistry</i> , 2007 , 72, 2988-95	4.2	45
14	Asymmetric synthesis of N,O,O,O-tetra-acetyl d-lyxo-phytosphingosine, jaspine B (pachastrissamine) and its C(2)-epimer. <i>Tetrahedron: Asymmetry</i> , 2007 , 18, 2510-2513		71
13	Couplings of benzylic halides mediated by titanocene chloride: synthesis of bibenzyl derivatives. <i>Journal of Organic Chemistry</i> , 2007 , 72, 2251-4	4.2	59
12	Titanocene-Mediated Radical Cyclization: An Emergent Method Towards the Synthesis of Natural Products. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 1627-1641	3.2	120
11	Transannular Cyclization of Epoxycaryophyllenes Catalyzed by Ti(III): An Efficient Synthesis of Tricyclo[6.3.0.0 ^{2,5}]undecanes. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 3434-3441	3.2	10
10	Chemical Composition of the Essential Oil from the Leaves of <i>Juniperus phoenicea</i> L. from North Africa. <i>Journal of Essential Oil Research</i> , 2006 , 18, 168-169	2.3	12

9	Solid-phase selenium-catalyzed selective allylic chlorination of polyprenoids: facile syntheses of biologically active terpenoids. <i>Journal of Organic Chemistry</i> , 2006 , 71, 5811-4	4.2	34
8	Regio- and diastereoselective reductive coupling of vinyloxydes catalyzed by titanocene chloride. <i>Organic Letters</i> , 2006 , 8, 669-72	6.2	22
7	Synthesis of five- to seven-membered polyfunctional terpenic carbocycles via Ti(III)-catalyzed radical cyclizations of epoxyolyprenes. <i>Tetrahedron</i> , 2006 , 62, 5215-5222	2.4	20
6	Asymmetric synthesis of β -mercapto- β -amino acid derivatives: application to the synthesis of polysubstituted thiomorpholines. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 1135-1145		17
5	Modeling the effect of substitution on the Pb(OAc) ₄ mediated oxidative cleavage of steroidal 1,2-diols. <i>Journal of Organic Chemistry</i> , 2005 , 70, 7080-6	4.2	12
4	Mild Protocols for Generating Molecular Complexity: A Comparative Study of Hetero-Domino Reactions Based on the Oxidant and the Substitution Pattern. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 683-700	3.2	12
3	Sulfanyl Radical-Induced Cyclization of Linalyl Acetate to the Iridane Skeleton: A Short Synthesis of (E)-Dehydroiridomyrmecin. <i>Synlett</i> , 2005 , 2005, 591-594	2.2	9
2	Reductive coupling of terpenic allylic halides catalyzed by Cp ₂ TiCl: a short and efficient asymmetric synthesis of onocerane triterpenes. <i>Organic Letters</i> , 2005 , 7, 2301-4	6.2	50
1	Lead tetraacetate mediated domino reactions on (R)-(-)-carvone-derived bicyclic unsaturated 1,2-diols and further rearrangements. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 2277-2290		5