JosÃ© A GavÃ-n

List of Publications by Year
in descending order

64 papers	1,342 citations	346980 22 h-index	445137 33 g-index
65 all docs	65 docs citations	65 times ranked	1803 citing authors

#	Article	IF	Citations
1	Combining the Power of J Coupling and DP4 Analysis on Stereochemical Assignments: The J-DP4 Methods. Organic Letters, 2019, 21, 4003-4007.	2.4	106
2	Discovery of New Eâ€Selectin Inhibitors by Virtual Screening, Fluorescence Binding Assays, and STD NMR Experiments. ChemMedChem, 2016, 11, 1008-1014.	1.6	5
3	Macrocyclization of Peptide Side Chains by the Ugi Reaction: Achieving Peptide Folding and Exocyclic N-Functionalization in One Shot. Journal of Organic Chemistry, 2015, 80, 6697-6707.	1.7	50
4	Oxasqualenoids from Laurencia viridis: Combined Spectroscopicâ€“Computational Analysis and Antifouling Potential. Journal of Natural Products, 2015, 78, 712-721.	1.5	32
5	Complexation of Mefenamic Acid by Lowâ€Generation PAMAM Dendrimers: Insight from NMR Spectroscopy Studies and Molecular Dynamics Simulations. Macromolecular Chemistry and Physics, 2014, 215, 372-383.	1.1	13
6	Combined Ugiâ€4CR/CuAAC Approach to Triazoleâ€Based Neoglycolipids. European Journal of Organic Chemistry, 2014, 2014, 3671-3683.	1.2	21
7	A Multicomponent Conjugation Strategy to Unique Nâ€Steroidal Peptides: First Evidence of the Steroidal Nucleus as a Î²â€Turn Inducer in Acyclic Peptides. Chemistry - A European Journal, 2014, 20, 13150-13161.	1.7	28
8	Drug-dendrimer supramolecular complexation studied from molecular dynamics simulations and NMR spectroscopy. Structural Chemistry, 2014, 25, 1443-1455.	1.0	13
9	Stereochemistry of Complex Marine Natural Products by Quantum Mechanical Calculations of NMR Chemical Shifts: Solvent and Conformational Effects on Okadaic Acid. Marine Drugs, 2014, 12, 176-192.	2.2	20
10	Combined nuclear magnetic resonance spectroscopy and molecular dynamics study of growth hormone releasing hexapeptide GHRPâ€6 and a cyclic analogue. Magnetic Resonance in Chemistry, 2012, 50, 364-371.	1.1	3
11	Determining the Role of the Aromatic Ring of Nâ€Arylmethyl entâ€conduramine Fâ€1 in their Interactions with Î±â€Glucosidases by Saturation Transfer Difference NMR Spectroscopy Experiments. ChemistryOpen, 2012, 1, 13-16.	0.9	3
12	Towards a Structural Basis for the Relationship Between Blood Group and the Severity of El Tor Cholera. Angewandte Chemie - International Edition, 2012, 51, 5143-5146.	7.2	33
13	Scaling trend in diffusion coefficients of low generation G0â€“G3 PAMAM dendrimers in aqueous solution at high and neutral pH. Structural Chemistry, 2012, 23, 123-128.	1.0	17
14	Diffusion coefficients of first-generation polyamidoamine dendrimer and its Î²-cyclodextrin conjugate in aqueous solution by means of molecular dynamics simulations. Monatshefte FÃ¼r Chemie, 2012, 143, 29-35.	0.9	2
15	On the Configuration of Fiveâ€Membered Rings: A Spinâ€“Spin Coupling Constant Approach. Chemistry - A European Journal, 2011, 17, 6338-6347.	1.7	56
16	Estimation of the content of fatty acid methyl esters (FAME) in biodiesel samples from dynamic viscosity measurements. Fuel Processing Technology, 2011, 92, 597-599.	3.7	36
17	SYNTHESIS AND THERMAL PROPERTIES OF TWO NEW DICATIONIC IONIC LIQUIDS. Journal of the Chilean Chemical Society, 2010, 55, 396-398.	0.5	6
18	On the unusual²Jcoupling dependence onsynantiCHO conformation in 5â€furanâ€2â€carboxaldehydes. Magnetic Resonance in Chemistry, 2008, 46, 846-850.	1.1	17

#	Article	IF	Citations
19	Structural characterization by Nuclear Magnetic Resonance of ozonized triolein. Grasas Y Aceites, 2008, 59, .	0.3	6
20	Characterization by NMR of Ozonized methyl linoleate. Journal of the Brazilian Chemical Society, 2007, 18, 513-518.	0.6	9
21	Study of ozonized theobroma fat using Proton Nuclear Magnetic Resonance and microbiological analysis.. Grasas Y Aceites, 2007, 58, .	0.3	0
22	â€œOn the complexation of allopurinol with Î²-cyclodextrinâ€• Structural Chemistry, 2006, 17, 217-223.	1.0	3
23	In vitro Cytotoxicity of Norditerpenoid Alkaloids. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2006, 61, 11-18.	0.6	26
24	Study of Ozonated Sunflower Oil Using1H NMR and Microbiological Analysis. Ozone: Science and Engineering, 2006, 28, 59-63.	1.4	23
25	Dianthramide glucosides from tissue cell cultures of Delphinium staphisagria L.. Phytochemistry, 2005, 66, 733-739.	1.4	9
26	Flavonol 3,7-glycosides and dihydroxyphenethyl glycosides from Aconitum napellus subsp. lusitanicum. Biochemical Systematics and Ecology, 2005, 33, 201-205.	0.6	9
27	Long-range correlations (n j C,H n › 3) in the HMBC spectra of 3-(4-oxo-4H-chromen-3-YL)-acrylic acid ethyl esters. Journal of the Brazilian Chemical Society, 2005, 16, 657-661.	0.6	10
28	Spectroscopic Characterization of Ozonated Sunflower Oil. Ozone: Science and Engineering, 2005, 27, 247-253.	1.4	25
29	Preparation and Properties of the Full Series of Cuboidal Clusters [MoxW4-xSe4(H2O)12]n+(n= 4â¯6) and Their Derivatives. Inorganic Chemistry, 2005, 44, 1132-1141.	1.9	19
30	Structural Diversity and Defensive Properties of Norditerpenoid Alkaloids. Journal of Chemical Ecology, 2004, 30, 1393-1408.	0.9	33
31	Biosynthetic studies of the DSP toxin skeleton. Chemical Record, 2004, 4, 1-9.	2.9	19
32	Seven New Norditerpenoid Alkaloids from SpanishConsolida orientalis. Helvetica Chimica Acta, 2004, 87, 2110-2119.	1.0	10
33	Effect of Î±-Tocopherol During In Vitro Ozonation of Methyl Linoleate: Its Implication in Ozone Therapy. Ozone: Science and Engineering, 2004, 26, 189-194.	1.4	3
34	Self-Association of Okadaic Acid upon Complexation with Potassium Ion. Journal of Medicinal Chemistry, 2004, 47, 10-13.	2.9	11
35	Five New Alkaloids from the Leaves ofRemijiaperuviana. Journal of Natural Products, 2004, 67, 1667-1671.	1.5	10
36	Three New Norditerpenoid Alkaloids from Consolida orientalis. Chemical and Pharmaceutical Bulletin, 2004, 52, 530-534.	0.6	11

#	Article	IF	Citations
37	Absolute Configuration and Complete Assignment of13C NMR Data for New Sesquiterpenes fromMaytenuschiapensis. Journal of Natural Products, 2003, 66, 572-574.	1.5	21
38	¹H NMR Study of Methyl Linoleate Ozonation.. Ozone: Science and Engineering, 2003, 25, 121-126.	1.4	14
39	Alkaloids fromConsolida oliveriana. Journal of Natural Products, 2002, 65, 513-516.	1.5	18
40	Several new squalene-derived triterpenes from Laurencia. Tetrahedron, 2001, 57, 3117-3123.	1.0	37
41	The Use of Sample Rotation for Minimizing Convection Effects in Self-Diffusion NMR Measurements. Journal of Magnetic Resonance, 2001, 153, 48-55.	1.2	70
42	Bioactive sesquiterpenes from Santolina rosmarinifolia subsp. Canescens. A conformational analysis of the germacrane ring. Phytochemistry, 1999, 51, 529-541.	1.4	45
43	New alkaloids from a marine zoanthid. Tetrahedron, 1999, 55, 5539-5546.	1.0	56
44	A practical approach to the implementation of selectivity in homonuclear multidimensional NMR with frequency selective-filtering techniques. Application to the chemical structure elucidation of complex oligosaccharides. Magnetic Resonance in Chemistry, 1999, 37, 451-478.	1.1	25
45	Epioxyzoanthamine, a new zoanthamine-type alkaloid and the unusual deuterium exchange in this series. Tetrahedron, 1998, 54, 7891-7896.	1.0	34
46	Complexation of okadaic acid : A preliminary study. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 1007-1012.	1.0	4
47	Thyrsenols A and B, two unusual polyether squalene derivatives. Tetrahedron, 1997, 53, 3173-3178.	1.0	41
48	Isolation and structure elucidation of a highly haemolytic saponin from the Merck saponin extract using high-field gradient-enhanced NMR techniques. Carbohydrate Research, 1997, 302, 67-78.	1.1	29
49	The Structure of Cossonidine:Â A Novel Diterpenoid Alkaloid. Journal of Natural Products, 1996, 59, 145-147.	1.5	10
50	Relative Sensitivity of Different Acquisition Schemes for13C Natural-Abundance HSQC Experiments. Journal of Magnetic Resonance Series A, 1996, 122, 64-66.	1.6	5
51	Five diterpenoid alkaloids from Delphinium cardiopetalum. Phytochemistry, 1996, 41, 1235-1250.	1.4	17
52	Three diterpenoid alkaloids from Delphinium cossonianum. Phytochemistry, 1993, 34, 553-558.	1.4	18
53	New sesquiterpenes with antifeedant activity from Maytenus canariensis (Celastraceae). Tetrahedron, 1993, 49, 697-702.	1.0	34
54	Lamarckinine, a New Bisnorditerpenoid Alkaloid from Aconitum lamarckii Reichenb.. Heterocycles, 1993, 36, 1455.	0.4	8

#	Article	IF	Citations
55	Structural elucidation and absolute configuration of novel Î²-agarofuran (epoxyeudesmene) sesquiterpenes from Maytenus magellanica(Celastraceae). Journal of the Chemical Society Perkin Transactions 1, 1992, , 1437-1441.	0.9	11
56	9-Oxo-10Î±H-furanoeremophilanes from Senecio chilensis and Senecio patagonicus. Journal of Natural Products, 1991, 54, 588-590.	1.5	9
57	The structures of cardionine and 11-acetylcardionine, new C20-diterpenoid alkaloids, from the selective INAPT NMR technique. Journal of Organic Chemistry, 1990, 55, 342-344.	1.7	15
58	The structure of pubescenine, the first lycoctonine-type c-19 diterpenoid alkaloid with a c-6Î± oxygen function. Tetrahedron Letters, 1988, 29, 2723-2726.	0.7	16
59	Diterpenoid Alkaloids from Delphinium peregrinum. The Structure of Peregrine. Heterocycles, 1988, 27, 1.	0.4	22
60	Microbial transformations of sesquiterpenoids: conversion of deoxyvulgarin by Rhizopus nigricans and Aspergillus ochraceous. Journal of the Chemical Society Perkin Transactions 1, 1987, , 471-474.	0.9	16
61	Isolation and structural elucidation of heliangolidin, a new sesquiterpene lactone from artemisia canariensis. Tetrahedron, 1985, 41, 3141-3146.	1.0	15
62	TriterpÃ¨nes de la Â«mousse de chÃªneÂ» (Evernia Prunastri(L.)ACH.). 5eCommunication. Helvetica Chimica Acta, 1979, 62, 807-810.	1.0	9
63	Composants volatils de la Â«mousse de chÃªneÂ» (Evernia Prunastri(L.)ACH.) 3ecommunication. Helvetica Chimica Acta, 1978, 61, 352-357.	1.0	23
64	Isolement et identification de composÃ©s phÃ©noliques et monoterpÃ©niques de la mousse de chÃªne (Evernia prunastri(L.) Ach.). Helvetica Chimica Acta, 1975, 58, 190-194.	1.0	23