Ricardo Riguera

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The Assignment of Absolute Configuration by NMRâ€. Chemical Reviews, 2004, 104, 17-118.	47.7	952
2	A practical guide for the assignment of the absolute configuration of alcohols, amines and carboxylic acids by NMR. Tetrahedron: Asymmetry, 2001, 12, 2915-2925.	1.8	312
3	Reliable and Efficient Procedures for the Conjugation of Biomolecules through Huisgen Azide–Alkyne Cycloadditions. Angewandte Chemie - International Edition, 2011, 50, 8794-8804.	13.8	287
4	Development and Brain Delivery of Chitosanâ^'PEG Nanoparticles Functionalized with the Monoclonal Antibody OX26. Bioconjugate Chemistry, 2005, 16, 1503-1511.	3.6	279
5	Supramolecular Assemblies from Poly(phenylacetylene)s. Chemical Reviews, 2016, 116, 1242-1271.	47.7	233
6	A Click Approach to Unprotected Glycodendrimersâ€. Macromolecules, 2006, 39, 2113-2120.	4.8	209
7	Phenylethanoid glycosides in plants: structure and biological activity. Natural Product Reports, 1994, 11, 591-606.	10.3	203
8	dd-Diketopiperazines:Â Antibiotics Active againstVibrioanguillarumIsolated from Marine Bacteria Associated with Cultures ofPectenmaximus. Journal of Natural Products, 2003, 66, 1299-1301.	3.0	196
9	MTPA vs MPA in the Determination of the Absolute Configuration of Chiral Alcohols by1H NMR. Journal of Organic Chemistry, 1996, 61, 8569-8577.	3.2	178
10	Assignment of the Absolute Configuration of Polyfunctional Compounds by NMR Using Chiral Derivatizing Agents. Chemical Reviews, 2012, 112, 4603-4641.	47.7	175
11	A Nanomedicine Transports a Peptide Caspase-3 Inhibitor across the Blood–Brain Barrier and Provides Neuroprotection. Journal of Neuroscience, 2009, 29, 13761-13769.	3.6	169
12	Click Chemistry for Drug Delivery Nanosystems. Pharmaceutical Research, 2012, 29, 1-34.	3.5	164
13	Determining the Absolute Stereochemistry of Secondary/Secondary Diols by1H NMR:Â Basis and Applications. Journal of Organic Chemistry, 2005, 70, 3778-3790.	3.2	154
14	Chiral Amplification and Helical‣ense Tuning by Mono―and Divalent Metals on Dynamic Helical Polymers. Angewandte Chemie - International Edition, 2011, 50, 11692-11696.	13.8	150
15	Surpassing the Use of Copper in the Click Functionalization of Polymeric Nanostructures: A Strain-Promoted Approach. Journal of the American Chemical Society, 2009, 131, 5748-5750.	13.7	144
16	Optimal routine conditions for the determination of the degree of acetylation of chitosan by 1H-NMR. Carbohydrate Polymers, 2005, 61, 155-161.	10.2	119
17	Conformational Structure and Dynamics of Arylmethoxyacetates: DNMR Spectroscopy and Aromatic Shielding Effect. Journal of Organic Chemistry, 1995, 60, 504-515.	3.2	115
18	Synthesis and antihistaminic activity of 2-guanadino-3-cyanopyridines and pyrido[2,3-d]-pyrimidines. Bioorganic and Medicinal Chemistry, 1997, 5, 1543-1553.	3.0	113

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19	NMR methods for unravelling the spectra of complex mixtures. Natural Product Reports, 2011, 28, 78-98.	10.3	111
20	Controlled modulation of the helical sense and the elongation of poly(phenylacetylene)s by polar and donor effects. Chemical Science, 2013, 4, 2735.	7.4	111
21	Click Chemistry with Polymers, Dendrimers, and Hydrogels for Drug Delivery. Pharmaceutical Research, 2012, 29, 902-921.	3.5	109
22	"Clickable―PEGâ^'Dendritic Block Copolymers. Biomacromolecules, 2006, 7, 3104-3111.	5.4	107
23	Are Both the (R)-and the (S)-MPA Esters Really Needed for the Assignment of the Absolute Configuration of Secondary Alcohols by NMR? The Use of a Single Derivative. Journal of the American Chemical Society, 1998, 120, 877-882.	13.7	100
24	Nanospheres with Tunable Size and Chirality from Helical Polymer–Metal Complexes. Journal of the American Chemical Society, 2012, 134, 19374-19383.	13.7	99
25	Systemically Administered Brain-Targeted Nanoparticles Transport Peptides across the Blood—Brain Barrier and Provide Neuroprotection. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 469-475.	4.3	97
26	The structures and stereochemistry of cytotoxic sesquiterpene quinones from dactylospongia elegans. Tetrahedron, 1992, 48, 6667-6680.	1.9	94
27	Architecture of Chiral Poly(phenylacetylene)s: From Compressed/Highly Dynamic to Stretched/Quasi-Static Helices. Journal of the American Chemical Society, 2016, 138, 9620-9628.	13.7	93
28	Probing the Relevance of Lectin Clustering for the Reliable Evaluation of Multivalent Carbohydrate Recognition. Journal of the American Chemical Society, 2009, 131, 17765-17767.	13.7	87
29	Real-Time Evaluation of Binding Mechanisms in Multivalent Interactions: A Surface Plasmon Resonance Kinetic Approach. Journal of the American Chemical Society, 2013, 135, 5966-5969.	13.7	86
30	Control of the Helicity of Poly(phenylacetylene)s: From the Conformation of the Pendant to the Chirality of the Backbone. Angewandte Chemie - International Edition, 2010, 49, 1430-1433.	13.8	85
31	Piperazine N-substituted naphthyridines, pyridothienopyrimidines and pyridothienotriazines: new antiprotozoals active against Philasterides dicentrarchi. European Journal of Medicinal Chemistry, 2003, 38, 265-275.	5.5	83
32	Hyaluronic Acid/Chitosan-g-Poly(ethylene glycol) Nanoparticles for Gene Therapy: An Application for pDNA and siRNA Delivery. Pharmaceutical Research, 2010, 27, 2544-2555.	3.5	83
33	A General Methodology for Automated Solid-Phase Synthesis of Depsides and Depsipeptides. Preparation of a Valinomycin Analogueâ€. Journal of Organic Chemistry, 1999, 64, 8063-8075.	3.2	72
34	The assignment of absolute configurations by NMR of arylmethoxyacetate derivatives: is this methodology being correctly used?. Tetrahedron: Asymmetry, 2000, 11, 2781-2791.	1.8	72
35	Holothurinosides: New antitumour non sulphated triterpenoid glycosides from the sea cucumber holothuria forskalii Tetrahedron, 1991, 47, 4753-4762.	1.9	71
36	The ON/OFF switching by metal ions of the "Sergeants and Soldiers―chiral amplification effect on helical poly(phenylacetylene)s. Chemical Science, 2014, 5, 2170-2176.	7.4	71

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37	Choosing the Right Reagent for the Determination of the Absolute Configuration of Amines by NMR:Â MTPA or MPA?â€. Journal of Organic Chemistry, 1997, 62, 7569-7574.	3.2	70
38	New chirality recognizing reagents for the determination of absolute stereochemistry and enantiomeric purity by NMR. Tetrahedron Letters, 1994, 35, 2921-2924.	1.4	68
39	Nanospheres, Nanotubes, Toroids, and Gels with Controlled Macroscopic Chirality. Angewandte Chemie - International Edition, 2014, 53, 13720-13724.	13.8	66
40	Determination of the Absolute Stereochemistry of Chiral Amines by 1H NMR of Arylmethoxyacetic Acid Amides: The Conformational Model. Journal of Organic Chemistry, 1995, 60, 1538-1545.	3.2	61
41	Absolute Configuration of Secondary Alcohols by 1H NMR:  In Situ Complexation of α-Methoxyphenylacetic Acid Esters with Barium(II). Journal of Organic Chemistry, 2002, 67, 4579-4589.	3.2	61
42	Boc-Phenylglycine: The Reagent of Choice for the Assignment of the Absolute Configuration of α-Chiral Primary Amines by1H NMR Spectroscopy. Journal of Organic Chemistry, 1999, 64, 4669-4675.	3.2	59
43	Antiplasmodial Metabolites Isolated from the Marine OctocoralMuricea austera. Journal of Natural Products, 2006, 69, 1379-1383.	3.0	59
44	Conjugation of Bioactive Ligands to PEG-Grafted Chitosan at the Distal End of PEG. Biomacromolecules, 2007, 8, 833-842.	5.4	59
45	A Stimuliâ€Responsive Macromolecular Gear: Interlocking Dynamic Helical Polymers with Foldamers. Angewandte Chemie - International Edition, 2020, 59, 8616-8622.	13.8	59
46	Antitumor Activity, X-ray Crystal Structure, and DNA Binding Properties of Thiocoraline A, a Natural Bisintercalating Thiodepsipeptide. Journal of Medicinal Chemistry, 2007, 50, 3322-3333.	6.4	58
47	Ionically Crosslinked Chitosan Nanoparticles as Gene Delivery Systems: Effect of PEGylation Degree on <i>In Vitro</i> and <i>In Vivo</i> Gene Transfer. Journal of Biomedical Nanotechnology, 2009, 5, 162-171.	1.1	58
48	Assignment of the Absolute Configuration of β-Chiral Primary Alcohols by NMR: Scope and Limitations. Journal of the American Chemical Society, 1998, 120, 4741-4751.	13.7	56
49	Absolute Configuration of 1,n-Diols by NMR:  The Importance of the Combined Anisotropic Effects in Bis-Arylmethoxyacetates. Organic Letters, 2000, 2, 3261-3264.	4.6	55
50	The leading role of cation–i̇́€ interactions in polymer chemistry: the control of the helical sense in solution. Polymer Chemistry, 2015, 6, 4725-4733.	3.9	55
51	Assignment of the Absolute Configuration of α-Chiral Carboxylic Acids by1H NMR Spectroscopy. Journal of Organic Chemistry, 2000, 65, 2658-2666.	3.2	54
52	The natural polypropionate-derived esters of the mollusk Onchidium sp. Journal of Organic Chemistry, 1992, 57, 4624-4632.	3.2	53
53	Onchidin B:  A New Cyclodepsipeptide from the Mollusc Onchidium sp Journal of the American Chemical Society, 1996, 118, 11635-11643.	13.7	52
54	"Mix and Shake―Method for Configurational Assignment by NMR:  Application to Chiral Amines and Alcohols. Organic Letters, 2003, 5, 2979-2982.	4.6	51

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55	PEG-dendritic block copolymers for biomedical applications. New Journal of Chemistry, 2012, 36, 205-210.	2.8	51
56	Monitoring the solid-phase synthesis of depsides and depsipeptides. A color test for hydroxyl groups linked to a resin Tetrahedron, 1999, 55, 14807-14812.	1.9	50
57	Onchidin: a cytotoxic depsipeptide with C2 symmetry from a marine mollusc. Tetrahedron Letters, 1994, 35, 9239-9242.	1.4	49
58	Resin-Bound Chiral Derivatizing Agents for Assignment of Configuration by NMR Spectroscopy. Journal of Organic Chemistry, 2008, 73, 5714-5722.	3.2	49
59	Dendrimers reduce toxicity of Aβ 1-28 peptide during aggregation and accelerate fibril formation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 1372-1378.	3.3	49
60	The Dynamics of Dendrimers by NMR Relaxation: Interpretation Pitfalls. Journal of the American Chemical Society, 2013, 135, 1972-1977.	13.7	49
61	Determining factors in the assignment of the absolute configuration of alcohols by NMR. The use of anisotropic effects on remote positions. Tetrahedron, 1997, 53, 8541-8564.	1.9	48
62	Total Synthesis and Absolute Configuration of Minalemine A, a Guanidine Peptide from the Marine TunicateDidemnum rodriguesi. Journal of Organic Chemistry, 2001, 66, 4206-4213.	3.2	47
63	Chiral-to-Chiral Communication in Polymers: A Unique Approach To Control Both Helical Sense and Chirality at the Periphery. Journal of the American Chemical Society, 2018, 140, 12239-12246.	13.7	47
64	6-Dimethylamino 1H-Pyrazolo[3,4-d]pyrimidine derivatives as new inhibitors of inflammatory mediators in intact cells. Bioorganic and Medicinal Chemistry, 2003, 11, 863-868.	3.0	46
65	Chiral Conflict as a Method to Create Stimuliâ€Responsive Materials Based on Dynamic Helical Polymers. Angewandte Chemie - International Edition, 2019, 58, 13365-13369.	13.8	45
66	Synthesis and antiallergic activity of pyridothienopyrimidines. Bioorganic and Medicinal Chemistry, 1998, 6, 1911-1925.	3.0	44
67	Complexation with Barium(II) Allows the Inference of the Absolute Configuration of Primary Amines by NMR. Journal of the American Chemical Society, 1999, 121, 9724-9725.	13.7	44
68	Triterpene Glycosides from the Far-Eastern Sea CucumberPentamera calcigera.1. Monosulfated Glycosides and Cytotoxicity of Their Unsulfated Derivatives. Journal of Natural Products, 2000, 63, 65-71.	3.0	44
69	Hemolytic Polar Steroidal Constituents of the StarfishAphelasteriasjaponica. Journal of Natural Products, 2000, 63, 1178-1181.	3.0	44
70	Leptolide, a New Furanocembranolide Diterpene fromLeptogorgiaalba. Journal of Natural Products, 2005, 68, 614-616.	3.0	44
71	Predicting the Helical Sense of Poly(phenylacetylene)s from their Electron Circular Dichroism Spectra. Angewandte Chemie - International Edition, 2018, 57, 3666-3670.	13.8	44
72	9-Anthrylmethoxyacetic acid esterification shifts—Correlation with the absolute stereochemistry of secondary alcohols. Tetrahedron, 1999, 55, 569-584.	1.9	43

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73	Synthesis and supramolecular assembly of clicked anionic dendritic polymers into polyion complex micelles. Chemical Communications, 2008, , 3136.	4.1	43
74	Chiral Nanostructures from Helical Copolymer-Metal Complexes: Tunable Cation-Ï€ Interactions and Sergeants and Soldiers Effect. Small, 2016, 12, 238-244.	10.0	43
75	Chiral nanostructure in polymers under different deposition conditions observed using atomic force microscopy of monolayers: poly(phenylacetylene)s as a case study. Chemical Communications, 2017, 53, 481-492.	4.1	43
76	Anti-tumor efficacy of chitosan-g-poly(ethylene glycol) nanocapsules containing docetaxel: Anti-TMEFF-2 functionalized nanocapsules vs. non-functionalized nanocapsules. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 83, 330-337.	4.3	42
77	Reversible assembly of enantiomeric helical polymers: from fibers to gels. Chemical Science, 2015, 6, 246-253.	7.4	42
78	Determination of the absolute configuration of alcohols by low temperature 1H NMR of aryl(methoxy)acetates. Tetrahedron: Asymmetry, 1995, 6, 107-110.	1.8	41
79	13C NMR as a general tool for the assignment of absolute configuration. Chemical Communications, 2010, 46, 7903.	4.1	41
80	Dendrimers as Potential Inhibitors of the Dimerization of the Capsid Protein of HIV-1. Biomacromolecules, 2010, 11, 2069-2078.	5.4	41
81	Fremy's salt (potassium nitrosodisulphonate): a nitrosating reagent for amines. Journal of the Chemical Society Chemical Communications, 1983, , 301-302.	2.0	40
82	Euryspongiols: Ten new highly hydroxylated 9,11-secosteroids with antihistaminic activity from the sponge euryspongia sp. Stereochemistry and reduction Tetrahedron, 1994, 50, 3813-3828.	1.9	40
83	In tube determination of the absolute configuration of α- and β-hydroxy acids by NMR via chiral BINOL borates. Chemical Communications, 2008, , 4147.	4.1	40
84	Poly(phenylacetylene) Amines: A General Route to Water-Soluble Helical Polyamines. Chemistry of Materials, 2018, 30, 6908-6914.	6.7	40
85	Alkaloid N-oxides of amaryllidaceae. Phytochemistry, 1988, 27, 3285-3287.	2.9	39
86	The Prediction of the Absolute Stereochemistry of Primary and Secondary 1,2-Diols by1H NMR Spectroscopy: Principles and Applications. Chemistry - A European Journal, 2005, 11, 5509-5522.	3.3	39
87	Role of Barium(II) in the Determination of the Absolute Configuration of Chiral Amines by1H NMR Spectroscopy. Journal of Organic Chemistry, 2006, 71, 1119-1130.	3.2	39
88	Peripheral Functionalization of Dendrimers Regulates Internalization and Intracellular Trafficking in Living Cells. Bioconjugate Chemistry, 2012, 23, 1059-1068.	3.6	39
89	Multistate Chiroptical Switch Triggered by Stimuli-Responsive Chiral Teleinduction. Chemistry of Materials, 2018, 30, 2493-2497	6.7	39
90	Chiral Coalition in Helical Sense Enhancement of Copolymers: The Role of the Absolute Configuration of Comonomers. Journal of the American Chemical Society, 2018, 140, 667-674.	13.7	39

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91	Chiral Overpass Induction in Dynamic Helical Polymers Bearing Pendant Groups with Two Chiral Centers. Angewandte Chemie - International Edition, 2020, 59, 4537-4543.	13.8	39
92	The Occurrence of the Human GlycoconjugateC2-α-d-Mannosylpyranosyl-l-tryptophan in Marine Ascidians. Organic Letters, 2000, 2, 2765-2767.	4.6	38
93	Sarasinosides D-G: four new triterpenoid saponins from the sponge asteropus sarasinosum. Tetrahedron, 1992, 48, 8685-8696.	1.9	37
94	Dendritic MRI Contrast Agents: An Efficient Prelabeling Approach Based on CuAAC. Biomacromolecules, 2011, 12, 2902-2907.	5.4	37
95	Synthesis, antihistaminic and cytotoxic activity of pyridothieno- and pyridodithienotriazines. European Journal of Medicinal Chemistry, 1998, 33, 887-897.	5.5	36
96	A new pyrazolo pyrimidine derivative inhibitor of cyclooxygenase-2 with anti-angiogenic activity. European Journal of Pharmacology, 2004, 488, 225-230.	3.5	36
97	Dynamics of Chitosan by ¹ H NMR Relaxation. Biomacromolecules, 2010, 11, 2079-2086.	5.4	36
98	Chiral 1,2-Diols: The Assignment of Their Absolute Configuration by NMR Made Easy. Organic Letters, 2010, 12, 208-211.	4.6	36
99	A general route to chiral nanostructures from helical polymers: P/M switch via dynamic metal coordination. Polymer Chemistry, 2017, 8, 3740-3745.	3.9	36
100	The role of the secondary structure of helical poly(phenylacetylene)s in the formation of nanoparticles from polymer–metal complexes (HPMCs). Nanoscale, 2017, 9, 17752-17757.	5.6	35
101	Pharmacological Effects of Three Phenylpropanoid Glycosides fromMussatia. Planta Medica, 1990, 56, 24-26.	1.3	34
102	Koreoside A, a New Nonholostane Triterpene Glycoside from the Sea CucumberCucumariakoraiensis. Journal of Natural Products, 1997, 60, 808-810.	3.0	34
103	Triterpene Glycosides from the Far Eastern Sea CucumberCucumaria conicospermium. Journal of Natural Products, 2003, 66, 910-916.	3.0	34
104	A new potential nano-oncological therapy based on polyamino acid nanocapsules. Journal of Controlled Release, 2013, 169, 10-16.	9.9	34
105	Helical sense selective domains and enantiomeric superhelices generated by Langmuir–Schaefer deposition of an axially racemic chiral helical polymer. Nanoscale, 2016, 8, 3362-3367.	5.6	34
106	New Amino Acid Derivatives from the Marine Ascidian Leptoclinides dubius. Journal of Natural Products, 1996, 59, 782-785.	3.0	32
107	Decoding the ECD Spectra of Poly(phenylacetylene)s: Structural Significance. ACS Omega, 2019, 4, 5233-5240.	3.5	32
108	Pyrazolopyrimidines: synthesis, effect on histamine release from rat peritoneal mast cells and cytotoxic activity. European Journal of Medicinal Chemistry, 2001, 36, 321-332.	5.5	31

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109	Challenging the absence of observable hydrogens in the assignment of absolute configurations by NMR: application to chiral primary alcohols. Chemical Communications, 2007, , 1456-1458.	4.1	31
110	Direct surface plasmon resonance immunosensor for in situ detection of benzoylecgonine, the major cocaine metabolite. Biosensors and Bioelectronics, 2011, 26, 4423-4428.	10.1	31
111	Stepwise Filtering of the Internal Layers of Dendrimers by Transverse-Relaxation-Edited NMR. Journal of the American Chemical Society, 2013, 135, 11513-11516.	13.7	30
112	Multipodal dynamic coordination involving cation–π interactions to control the structure of helical polymers. Chemical Communications, 2017, 53, 8573-8576.	4.1	30
113	New marine cytotoxic bispyrones. Absolute stereochemistry of onchitriols I and II. Tetrahedron Letters, 1992, 33, 1089-1092.	1.4	29
114	Triterpene Glycosides from the Far Eastern Sea CucumberPentamera calcigerall:Â Disulfated Glycosides. Journal of Natural Products, 2000, 63, 1349-1355.	3.0	29
115	Simultaneous enantioresolution and assignment of absolute configuration of secondary alcohols by directly coupled HPLC–NMR of 9-AMA esters. Tetrahedron: Asymmetry, 2002, 13, 2149-2153.	1.8	29
116	The Assignment of the Absolute Configuration of 1,2-Diols by Low-Temperature NMR of a Single MPA Derivative. Organic Letters, 2005, 7, 4855-4858.	4.6	28
117	Chiral Thiols:  The Assignment of Their Absolute Configuration by 1H NMR. Organic Letters, 2007, 9, 5015-5018.	4.6	28
118	Sequential Induction of Chirality in Helical Polymers: From the Stereocenter to the Achiral Solvent. Journal of Physical Chemistry Letters, 2018, 9, 2266-2270.	4.6	28
119	Tuning the Size of Nanoassembles: A Hierarchical Transfer of Information from Dendrimers to Polyion Complexes. Angewandte Chemie - International Edition, 2018, 57, 5273-5277.	13.8	28
120	Chiral information harvesting in helical poly(acetylene) derivatives using oligo(<i>p</i> -phenyleneethynylene)s as spacers. Chemical Science, 2020, 11, 7182-7187.	7.4	28
121	Hypoglucaemic triterpenoid saponins from Boussingaultiabaselloides. Canadian Journal of Chemistry, 1990, 68, 2039-2044.	1.1	27
122	Villagorgin A and B. New type of indole alkaloids with acetylcholine antagonist activity from the gorgonian Villagorgia rubra. Tetrahedron Letters, 1993, 34, 7773-7776.	1.4	27
123	Structure of Eximisoside A, a Novel Triterpene Glycoside from the Far-Eastern Sea CucumberPsoluseximius. Journal of Natural Products, 1997, 60, 817-819.	3.0	27
124	Epidioxy Sterols from the Tunicates Dendrodoa grossularia and Ascidiella aspersa and the Gastropoda Aplysia depilans and Aplysia punctata. Journal of Natural Products, 1986, 49, 905-909.	3.0	26
125	Occurrence of corn mycotoxins in Galicia (northwest Spain). Journal of Agricultural and Food Chemistry, 1990, 38, 1004-1006.	5.2	26
126	Determination of the absolute configuration and enantiomeric purity of chiral primary alcohols by 1H NMR of 9-anthrylmethoxyacetates. Tetrahedron: Asymmetry, 1996, 7, 2195-2198.	1.8	26

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127	Studies on the interaction between 1,2,3,4-tetrahydro-β-carboline and cigarette smoke: a potential mechanism of neuroprotection for Parkinson's disease. Brain Research, 1998, 802, 155-162.	2.2	26
128	Minalemines A-F: Sulfamic acid peptide guanidine derivatives isolated from the marine tunicate Didemnun rodriguesi. Tetrahedron, 1998, 54, 7539-7550.	1.9	26
129	Boc–phenylglycine: a chiral solvating agent for the assignment of the absolute configuration of amino alcohols and their ethers by NMR. Tetrahedron: Asymmetry, 2004, 15, 1825-1829.	1.8	26
130	Chitosan hydrophobic domains are favoured at low degree of acetylation and molecular weight. Polymer, 2013, 54, 2081-2087.	3.8	26
131	Simultaneous Adjustment of Size and Helical Sense of Chiral Nanospheres and Nanotubes Derived from an Axially Racemic Poly(phenylacetylene). Small, 2017, 13, 1602398.	10.0	26
132	From Sergeants and Soldiers to Chiral Conflict Effects in Helical Polymers by Acting on the Conformational Composition of the Comonomers. Angewandte Chemie - International Edition, 2020, 59, 23724-23730.	13.8	26
133	The Analgesic Activity ofHedyosmum bonplandianum: Flavonoid Glycosides. Planta Medica, 1993, 59, 26-27.	1.3	25
134	Agrochelin, a new cytotoxic alkaloid from the marine bacteria Agrobacterium sp Tetrahedron Letters, 1999, 40, 6841-6844.	1.4	25
135	l-Galactose as a natural product: isolation from a marine octocoral of the first α-l-galactosyl saponin. Tetrahedron Letters, 2004, 45, 7833-7836.	1.4	25
136	Relative and Absolute Stereochemistry of Secondary/Secondary Diols:Â Low-Temperature1H NMR of Their bis-MPA Esters§. Journal of Organic Chemistry, 2007, 72, 2297-2301.	3.2	25
137	Coreâ^'Shell Dendriplexes with Sterically Induced Stoichiometry for Gene Delivery. Macromolecules, 2010, 43, 6953-6961.	4.8	25
138	The dynamics of GATG glycodendrimers by NMR diffusion and quantitative 13C relaxation. Physical Chemistry Chemical Physics, 2010, 12, 6587.	2.8	25
139	Caledonin, a natural peptide bolaphile with ZnII and Cul complexing properties from the tunicate Didemnun rodriguesi. Tetrahedron Letters, 1995, 36, 8853-8856.	1.4	24
140	The1H NMR Method for the Determination of the Absolute Configuration of 1,2,3-prim,sec,sec-Triolsâ€j. Organic Letters, 2006, 8, 4449-4452.	4.6	24
141	Assigning the Configuration of Amino Alcohols by NMR: A Single Derivatization Method. Organic Letters, 2008, 10, 2733-2736.	4.6	24
142	Efficient Multigram Synthesis of the Repeating Unit of Gallic Acid-Triethylene Glycol Dendrimers. Organic Letters, 2011, 13, 4522-4525.	4.6	24
143	The [4 + 2] Addition of Singlet Oxygen to Thebaine:Â New Access to Highly Functionalized Morphine Derivatives via Opioid Endoperoxides. Journal of Organic Chemistry, 2000, 65, 4671-4678.	3.2	23
144	A dendrimer–hydrophobic interaction synergy improves the stability of polyion complex micelles. Polymer Chemistry, 2017, 8, 2528-2537.	3.9	23

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145	Frondoside C, a new nonholostane triterpene glycoside from the sea cucumber <i>Cucumaria frondosa</i> : structure and cytoto×icity of its desulfated derivative. Canadian Journal of Chemistry, 1998, 76, 137-141.	1.1	23
146	The use of ethyl 2-(9-anthryl)-2-hydroxyacetate for assignment of the absolute configuration of carboxylic acids by 1H NMR. Tetrahedron: Asymmetry, 1997, 8, 1015-1018.	1.8	22
147	Cytotoxic Triterpene Glycosides from Far-Eastern Sea Cucumbers Belonging to the GenusCucumaria. Liebigs Annalen, 1997, 1997, 2351-2356.	0.8	22
148	Determination of the absolute stereochemistry of alcohols and amines by NMR of the group directly linked to the chiral derivatizing reagent. Tetrahedron, 2001, 57, 2231-2236.	1.9	22
149	Triterpene Glycosides from the Deep-Water North-Pacific Sea CucumberSynallactesnozawaiMitsukuri. Journal of Natural Products, 2002, 65, 1802-1808.	3.0	22
150	Cross Interaction Between Auxiliaries: The Chirality of Amino Alcohols by NMR. Organic Letters, 2008, 10, 2729-2732.	4.6	22
151	Absolute Configuration of Ketone Cyanohydrins by 1H NMR: The Special Case of Polar Substituted Tertiary Alcohols. Organic Letters, 2009, 11, 53-56.	4.6	22
152	Exploring the efficiency of gallic acid-based dendrimers and their block copolymers with PEG as gene carriers. Nanomedicine, 2012, 7, 1667-1681.	3.3	22
153	GATG Dendrimers and PEGylated Block Copolymers: from Synthesis to Bioapplications. AAPS Journal, 2014, 16, 948-961.	4.4	22
154	Stimuliâ€Directed Colorimetric Interconversion of Helical Polymers Accompanied by a Tunable Selfâ€Assembly Process. Small, 2019, 15, 1805413.	10.0	22
155	Polymeric Helical Structures à la Carte by Rational Design of Monomers. Macromolecules, 2020, 53, 3182-3193.	4.8	22
156	Lignans and Other Constituents from South and Central AmericanZanthoxylumSpecies. Planta Medica, 1990, 56, 89-91.	1.3	21
157	Santiagoside, the first asterosaponin from an antarctic starfish (Neosmilaster georgianus) Tetrahedron, 1992, 48, 6739-6746.	1.9	21
158	Disclosing an NMR-Invisible Fraction in Chitosan and PECylated Copolymers and Its Role on the Determination of Degrees of Substitution. Molecular Pharmaceutics, 2013, 10, 3225-3231.	4.6	21
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