

# Ricardo Riguera

## List of Publications by Year in descending order

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g-index

299  
all docs

299  
docs citations

299  
times ranked

10003  
citing authors

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

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19	NMR methods for unravelling the spectra of complex mixtures. <i>Natural Product Reports</i> , 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. <i>Chemical Science</i> , 2013, 4, 2735.	7.4	111
21	Click Chemistry with Polymers, Dendrimers, and Hydrogels for Drug Delivery. <i>Pharmaceutical Research</i> , 2012, 29, 902-921.	3.5	109
22	“Clickable” PEG~Dendritic Block Copolymers. <i>Biomacromolecules</i> , 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. <i>Journal of the American Chemical Society</i> , 1998, 120, 877-882.	13.7	100
24	Nanospheres with Tunable Size and Chirality from Helical Polymer~Metal Complexes. <i>Journal of the American Chemical Society</i> , 2012, 134, 19374-19383.	13.7	99
25	Systemically Administered Brain-Targeted Nanoparticles Transport Peptides across the Blood~Brain Barrier and Provide Neuroprotection. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 469-475.	4.3	97
26	The structures and stereochemistry of cytotoxic sesquiterpene quinones from <i>dactylosporgia elegans</i> . <i>Tetrahedron</i> , 1992, 48, 6667-6680.	1.9	94
27	Architecture of Chiral Poly(phenylacetylene)s: From Compressed/Highly Dynamic to Stretched/Quasi-Static Helices. <i>Journal of the American Chemical Society</i> , 2016, 138, 9620-9628.	13.7	93
28	Probing the Relevance of Lectin Clustering for the Reliable Evaluation of Multivalent Carbohydrate Recognition. <i>Journal of the American Chemical Society</i> , 2009, 131, 17765-17767.	13.7	87
29	Real-Time Evaluation of Binding Mechanisms in Multivalent Interactions: A Surface Plasmon Resonance Kinetic Approach. <i>Journal of the American Chemical Society</i> , 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. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1430-1433.	13.8	85
31	Piperazine N-substituted naphthyridines, pyridothienopyrimidines and pyridothienotriazines: new antiprotozoals active against <i>Philasterides dicentrarchi</i> . <i>European Journal of Medicinal Chemistry</i> , 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. <i>Pharmaceutical Research</i> , 2010, 27, 2544-2555.	3.5	83
33	A General Methodology for Automated Solid-Phase Synthesis of Depsides and Depsipeptides. Preparation of a Valinomycin Analogue. <i>Journal of Organic Chemistry</i> , 1999, 64, 8063-8075.	3.2	72
34	The assignment of absolute configurations by NMR of arylmethoxyacetate derivatives: is this methodology being correctly used?. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 2781-2791.	1.8	72
35	Holothurinosides: New antitumour non sulphated triterpenoid glycosides from the sea cucumber <i>holothuria forskalii</i> . <i>Tetrahedron</i> , 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. <i>Chemical Science</i> , 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: $\hat{A}$ MTPA or MPA? <i>Journal of Organic Chemistry</i> , 1997, 62, 7569-7574.	3.2	70
38	New chirality recognizing reagents for the determination of absolute stereochemistry and enantiomeric purity by NMR. <i>Tetrahedron Letters</i> , 1994, 35, 2921-2924.	1.4	68
39	Nanospheres, Nanotubes, Toroids, and Gels with Controlled Macroscopic Chirality. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13720-13724.	13.8	66
40	Determination of the Absolute Stereochemistry of Chiral Amines by $^1\text{H}$ NMR of Arylmethoxyacetic Acid Amides: The Conformational Model. <i>Journal of Organic Chemistry</i> , 1995, 60, 1538-1545.	3.2	61
41	Absolute Configuration of Secondary Alcohols by $^1\text{H}$ NMR: $\hat{A}$ In Situ Complexation of $\hat{I}\pm$ -Methoxyphenylacetic Acid Esters with Barium(II). <i>Journal of Organic Chemistry</i> , 2002, 67, 4579-4589.	3.2	61
42	Boc-Phenylglycine: $\hat{A}$ The Reagent of Choice for the Assignment of the Absolute Configuration of $\hat{I}\pm$ -Chiral Primary Amines by $^1\text{H}$ NMR Spectroscopy. <i>Journal of Organic Chemistry</i> , 1999, 64, 4669-4675.	3.2	59
43	Antiplasmodial Metabolites Isolated from the Marine Octocoral <i>Muricea austera</i> . <i>Journal of Natural Products</i> , 2006, 69, 1379-1383.	3.0	59
44	Conjugation of Bioactive Ligands to PEG-Grafted Chitosan at the Distal End of PEG. <i>Biomacromolecules</i> , 2007, 8, 833-842.	5.4	59
45	A Stimuli-Responsive Macromolecular Gear: Interlocking Dynamic Helical Polymers with Foldamers. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8616-8622.	13.8	59
46	Antitumor Activity, X-ray Crystal Structure, and DNA Binding Properties of Thiocoraline A, a Natural Bisintercalating Thiodipeptide. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 3322-3333.	6.4	58
47	Ionically Crosslinked Chitosan Nanoparticles as Gene Delivery Systems: Effect of PEGylation Degree on $\hat{I}\pm$ In Vitro and $\hat{I}\pm$ In Vivo Gene Transfer. <i>Journal of Biomedical Nanotechnology</i> , 2009, 5, 162-171.	1.1	58
48	Assignment of the Absolute Configuration of $\hat{I}^2$ -Chiral Primary Alcohols by NMR: $\hat{A}$ Scope and Limitations. <i>Journal of the American Chemical Society</i> , 1998, 120, 4741-4751.	13.7	56
49	Absolute Configuration of 1,n-Diols by NMR: $\hat{A}$ The Importance of the Combined Anisotropic Effects in Bis-Arylmethoxyacetates. <i>Organic Letters</i> , 2000, 2, 3261-3264.	4.6	55
50	The leading role of cation- $\hat{I}$ interactions in polymer chemistry: the control of the helical sense in solution. <i>Polymer Chemistry</i> , 2015, 6, 4725-4733.	3.9	55
51	Assignment of the Absolute Configuration of $\hat{I}\pm$ -Chiral Carboxylic Acids by $^1\text{H}$ NMR Spectroscopy. <i>Journal of Organic Chemistry</i> , 2000, 65, 2658-2666.	3.2	54
52	The natural polypropionate-derived esters of the mollusk <i>Onchidium</i> sp. <i>Journal of Organic Chemistry</i> , 1992, 57, 4624-4632.	3.2	53
53	Onchidin B: $\hat{A}$ A New Cyclodipeptide from the Mollusc <i>Onchidium</i> sp.. <i>Journal of the American Chemical Society</i> , 1996, 118, 11635-11643.	13.7	52
54	$\hat{A}$ Mix and Shake $\hat{A}$ Method for Configurational Assignment by NMR: $\hat{A}$ Application to Chiral Amines and Alcohols. <i>Organic Letters</i> , 2003, 5, 2979-2982.	4.6	51

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55	PEG-dendritic block copolymers for biomedical applications. <i>New Journal of Chemistry</i> , 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.. <i>Tetrahedron</i> , 1999, 55, 14807-14812.	1.9	50
57	Onchidin: a cytotoxic depsipeptide with C2 symmetry from a marine mollusc. <i>Tetrahedron Letters</i> , 1994, 35, 9239-9242.	1.4	49
58	Resin-Bound Chiral Derivatizing Agents for Assignment of Configuration by NMR Spectroscopy. <i>Journal of Organic Chemistry</i> , 2008, 73, 5714-5722.	3.2	49
59	Dendrimers reduce toxicity of A $\beta$ 1-28 peptide during aggregation and accelerate fibril formation. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 1372-1378.	3.3	49
60	The Dynamics of Dendrimers by NMR Relaxation: Interpretation Pitfalls. <i>Journal of the American Chemical Society</i> , 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. <i>Tetrahedron</i> , 1997, 53, 8541-8564.	1.9	48
62	Total Synthesis and Absolute Configuration of Minalimine A, a Guanidine Peptide from the Marine Tunicate <i>Didemnum rodriguesi</i> . <i>Journal of Organic Chemistry</i> , 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. <i>Journal of the American Chemical Society</i> , 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. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 863-868.	3.0	46
65	Chiral Conflict as a Method to Create Stimuli-Responsive Materials Based on Dynamic Helical Polymers. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13365-13369.	13.8	45
66	Synthesis and antiallergic activity of pyridothienopyrimidines. <i>Bioorganic and Medicinal Chemistry</i> , 1998, 6, 1911-1925.	3.0	44
67	Complexation with Barium(II) Allows the Inference of the Absolute Configuration of Primary Amines by NMR. <i>Journal of the American Chemical Society</i> , 1999, 121, 9724-9725.	13.7	44
68	Triterpene Glycosides from the Far-Eastern Sea Cucumber <i>Pentamera calcigera</i> . 1. Monosulfated Glycosides and Cytotoxicity of Their Unsulfated Derivatives. <i>Journal of Natural Products</i> , 2000, 63, 65-71.	3.0	44
69	Hemolytic Polar Steroidal Constituents of the Starfish <i>Aphelasterias japonica</i> . <i>Journal of Natural Products</i> , 2000, 63, 1178-1181.	3.0	44
70	Leptolide, a New Furanocembranolide Diterpene from <i>Leptogorgia alba</i> . <i>Journal of Natural Products</i> , 2005, 68, 614-616.	3.0	44
71	Predicting the Helical Sense of Poly(phenylacetylene)s from their Electron Circular Dichroism Spectra. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3666-3670.	13.8	44
72	9-Anthrilmethoxyacetic acid esterification shifts $^1\text{H}$ NMR Correlation with the absolute stereochemistry of secondary alcohols. <i>Tetrahedron</i> , 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. <i>Chemical Communications</i> , 2008, , 3136.	4.1	43
74	Chiral Nanostructures from Helical Copolymer-Metal Complexes: Tunable Cation- $\pi$ Interactions and Sergeants and Soldiers Effect. <i>Small</i> , 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. <i>Chemical Communications</i> , 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. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 83, 330-337.	4.3	42
77	Reversible assembly of enantiomeric helical polymers: from fibers to gels. <i>Chemical Science</i> , 2015, 6, 246-253.	7.4	42
78	Determination of the absolute configuration of alcohols by low temperature $^1\text{H}$ NMR of aryl(methoxy)acetates. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 107-110.	1.8	41
79	$^{13}\text{C}$ NMR as a general tool for the assignment of absolute configuration. <i>Chemical Communications</i> , 2010, 46, 7903.	4.1	41
80	Dendrimers as Potential Inhibitors of the Dimerization of the Capsid Protein of HIV-1. <i>Biomacromolecules</i> , 2010, 11, 2069-2078.	5.4	41
81	Fremy's salt (potassium nitrosodisulphonate): a nitrosating reagent for amines. <i>Journal of the Chemical Society Chemical Communications</i> , 1983, , 301-302.	2.0	40
82	Euryspongiols: Ten new highly hydroxylated 9,11-secosteroids with antihistaminic activity from the sponge euryspongia sp. <i>Stereochemistry and reduction.. Tetrahedron</i> , 1994, 50, 3813-3828.	1.9	40
83	In tube determination of the absolute configuration of $\hat{1}\pm$ - and $\hat{1}^2$ -hydroxy acids by NMR via chiral BINOL borates. <i>Chemical Communications</i> , 2008, , 4147.	4.1	40
84	Poly(phenylacetylene) Amines: A General Route to Water-Soluble Helical Polyamines. <i>Chemistry of Materials</i> , 2018, 30, 6908-6914.	6.7	40
85	Alkaloid N-oxides of amaryllidaceae. <i>Phytochemistry</i> , 1988, 27, 3285-3287.	2.9	39
86	The Prediction of the Absolute Stereochemistry of Primary and Secondary 1,2-Diols by $^1\text{H}$ NMR Spectroscopy: Principles and Applications. <i>Chemistry - A European Journal</i> , 2005, 11, 5509-5522.	3.3	39
87	Role of Barium(II) in the Determination of the Absolute Configuration of Chiral Amines by $^1\text{H}$ NMR Spectroscopy. <i>Journal of Organic Chemistry</i> , 2006, 71, 1119-1130.	3.2	39
88	Peripheral Functionalization of Dendrimers Regulates Internalization and Intracellular Trafficking in Living Cells. <i>Bioconjugate Chemistry</i> , 2012, 23, 1059-1068.	3.6	39
89	Multistate Chiroptical Switch Triggered by Stimuli-Responsive Chiral Teleinduction. <i>Chemistry of Materials</i> , 2018, 30, 2493-2497.	6.7	39
90	Chiral Coalition in Helical Sense Enhancement of Copolymers: The Role of the Absolute Configuration of Comonomers. <i>Journal of the American Chemical Society</i> , 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. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4537-4543.	13.8	39
92	The Occurrence of the Human Glycoconjugate C <sub>2</sub> - $\beta$ -d-Mannosylpyranosyl-L-tryptophan in Marine Ascidians. <i>Organic Letters</i> , 2000, 2, 2765-2767.	4.6	38
93	Sarasinoides D-C: four new triterpenoid saponins from the sponge <i>Asteropus sarasinus</i> . <i>Tetrahedron</i> , 1992, 48, 8685-8696.	1.9	37
94	Dendritic MRI Contrast Agents: An Efficient Prelabeling Approach Based on CuAAC. <i>Biomacromolecules</i> , 2011, 12, 2902-2907.	5.4	37
95	Synthesis, antihistaminic and cytotoxic activity of pyridothieno- and pyridodithienotriazines. <i>European Journal of Medicinal Chemistry</i> , 1998, 33, 887-897.	5.5	36
96	A new pyrazolo pyrimidine derivative inhibitor of cyclooxygenase-2 with anti-angiogenic activity. <i>European Journal of Pharmacology</i> , 2004, 488, 225-230.	3.5	36
97	Dynamics of Chitosan by <sup>1</sup> H NMR Relaxation. <i>Biomacromolecules</i> , 2010, 11, 2079-2086.	5.4	36
98	Chiral 1,2-Diols: The Assignment of Their Absolute Configuration by NMR Made Easy. <i>Organic Letters</i> , 2010, 12, 208-211.	4.6	36
99	A general route to chiral nanostructures from helical polymers: P/M switch via dynamic metal coordination. <i>Polymer Chemistry</i> , 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). <i>Nanoscale</i> , 2017, 9, 17752-17757.	5.6	35
101	Pharmacological Effects of Three Phenylpropanoid Glycosides from <i>Mussatia</i> . <i>Planta Medica</i> , 1990, 56, 24-26.	1.3	34
102	Koreoside A, a New Nonholostane Triterpene Glycoside from the Sea Cucumber <i>Cucumaria koraiensis</i> . <i>Journal of Natural Products</i> , 1997, 60, 808-810.	3.0	34
103	Triterpene Glycosides from the Far Eastern Sea Cucumber <i>Cucumaria conicospermium</i> . <i>Journal of Natural Products</i> , 2003, 66, 910-916.	3.0	34
104	A new potential nano-oncological therapy based on polyamino acid nanocapsules. <i>Journal of Controlled Release</i> , 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. <i>Nanoscale</i> , 2016, 8, 3362-3367.	5.6	34
106	New Amino Acid Derivatives from the Marine Ascidian <i>Leptoclinides dubius</i> . <i>Journal of Natural Products</i> , 1996, 59, 782-785.	3.0	32
107	Decoding the ECD Spectra of Poly(phenylacetylene)s: Structural Significance. <i>ACS Omega</i> , 2019, 4, 5233-5240.	3.5	32
108	Pyrazolopyrimidines: synthesis, effect on histamine release from rat peritoneal mast cells and cytotoxic activity. <i>European Journal of Medicinal Chemistry</i> , 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. <i>Chemical Communications</i> , 2007, , 1456-1458.	4.1	31
110	Direct surface plasmon resonance immunosensor for in situ detection of benzoylecgonine, the major cocaine metabolite. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4423-4428.	10.1	31
111	Stepwise Filtering of the Internal Layers of Dendrimers by Transverse-Relaxation-Edited NMR. <i>Journal of the American Chemical Society</i> , 2013, 135, 11513-11516.	13.7	30
112	Multipodal dynamic coordination involving cation-π interactions to control the structure of helical polymers. <i>Chemical Communications</i> , 2017, 53, 8573-8576.	4.1	30
113	New marine cytotoxic bispyrones. Absolute stereochemistry of onchitriols I and II. <i>Tetrahedron Letters</i> , 1992, 33, 1089-1092.	1.4	29
114	Triterpene Glycosides from the Far Eastern Sea Cucumber <i>Pentamera calcigerall</i> : Disulfated Glycosides. <i>Journal of Natural Products</i> , 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. <i>Tetrahedron: Asymmetry</i> , 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. <i>Organic Letters</i> , 2005, 7, 4855-4858.	4.6	28
117	Chiral Thiols: The Assignment of Their Absolute Configuration by 1H NMR. <i>Organic Letters</i> , 2007, 9, 5015-5018.	4.6	28
118	Sequential Induction of Chirality in Helical Polymers: From the Stereocenter to the Achiral Solvent. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2266-2270.	4.6	28
119	Tuning the Size of Nanoassemblies: A Hierarchical Transfer of Information from Dendrimers to Polyion Complexes. <i>Angewandte Chemie - International Edition</i> , 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. <i>Chemical Science</i> , 2020, 11, 7182-7187.	7.4	28
121	Hypoglycaemic triterpenoid saponins from <i>Boussingaultiabaselloides</i> . <i>Canadian Journal of Chemistry</i> , 1990, 68, 2039-2044.	1.1	27
122	Villagorgin A and B. New type of indole alkaloids with acetylcholine antagonist activity from the gorgonian <i>Villagorgia rubra</i> . <i>Tetrahedron Letters</i> , 1993, 34, 7773-7776.	1.4	27
123	Structure of Eximisoid A, a Novel Triterpene Glycoside from the Far-Eastern Sea Cucumber <i>Psoluseximus</i> . <i>Journal of Natural Products</i> , 1997, 60, 817-819.	3.0	27
124	Epidioxy Sterols from the Tunicates <i>Dendrodoa grossularia</i> and <i>Asciella aspersa</i> and the Gastropoda <i>Aplysia depilans</i> and <i>Aplysia punctata</i> . <i>Journal of Natural Products</i> , 1986, 49, 905-909.	3.0	26
125	Occurrence of corn mycotoxins in Galicia (northwest Spain). <i>Journal of Agricultural and Food Chemistry</i> , 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. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 2195-2198.	1.8	26



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127	Studies on the interaction between 1,2,3,4-tetrahydro- $\beta$ -carboline and cigarette smoke: a potential mechanism of neuroprotection for Parkinson's disease. <i>Brain Research</i> , 1998, 802, 155-162.	2.2	26
128	Minalemines A-F: Sulfamic acid peptide guanidine derivatives isolated from the marine tunicate <i>Didemnum rodriguezii</i> . <i>Tetrahedron</i> , 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. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 1825-1829.	1.8	26
130	Chitosan hydrophobic domains are favoured at low degree of acetylation and molecular weight. <i>Polymer</i> , 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). <i>Small</i> , 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. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23724-23730.	13.8	26
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