Angel R De Lera

List of Publications by Year
in descending order

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226	9,786	38660	48187
papers	citations	50 h-index	88 g-index

229	229	229	10434
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tumor-selective action of HDAC inhibitors involves TRAIL induction in acute myeloid leukemia cells. Nature Medicine, 2005, 11, 77-84.	15.2	567
2	International Union of Pharmacology. LXIII. Retinoid X Receptors. Pharmacological Reviews, 2006, 58, 760-772.	7.1	451
3	RAR and RXR modulation in cancer and metabolic disease. Nature Reviews Drug Discovery, 2007, 6, 793-810.	21.5	450
4	International Union of Pharmacology. LX. Retinoic Acid Receptors. Pharmacological Reviews, 2006, 58, 712-725.	7.1	369
5	Functions, Therapeutic Applications, and Synthesis of Retinoids and Carotenoids. Chemical Reviews, 2014, 114, 1-125.	23.0	277
6	Design of selective nuclear receptor modulators: RAR and RXR as a case study. Nature Reviews Drug Discovery, 2007, 6, 811-820.	21.5	240
7	Palladiumâ€Catalyzed Intermolecular C(sp³)ï£¿H Amidation. Angewandte Chemie - International Edition, 2012, 51, 2225-2228.	7.2	236
8	Mechanism of the Gold(I)-Catalyzed Rautenstrauch Rearrangement:Â A Center-to-Helix-to-Center Chirality Transfer. Journal of the American Chemical Society, 2006, 128, 2434-2437.	6.6	183
9	Câ”C Reductive Elimination in Palladium Complexes, and the Role of Coupling Additives. A DFT Study Supported by Experiment. Journal of the American Chemical Society, 2009, 131, 3650-3657.	6.6	178
10	Structural basis for the high all-trans -retinaldehyde reductase activity of the tumor marker AKR1B10. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20764-20769.	3.3	172
11	Rapid, Nongenomic Actions of Retinoic Acid on Phosphatidylinositol-3-Kinase Signaling Pathway Mediated by the Retinoic Acid Receptor. Molecular Endocrinology, 2007, 21, 2391-2402.	3.7	164
12	Modulators of the structural dynamics of the retinoid X receptor to reveal receptor function. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17323-17328.	3.3	143
13	A unique secondary-structure switch controls constitutive gene repression by retinoic acid receptor. Nature Structural and Molecular Biology, 2010, 17, 801-807.	3.6	142
14	Modulation of RXR function through ligand design. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 57-69.	1.2	134
15	Characterization of the Interaction between Retinoic Acid Receptor/Retinoid X Receptor (RAR/RXR) Heterodimers and Transcriptional Coactivators through Structural and Fluorescence Anisotropy Studies. Journal of Biological Chemistry, 2005, 280, 1625-1633.	1.6	118
16	A General Synthesis of Alkenylâ€Substituted Benzofurans, Indoles, and Isoquinolones by Cascade Palladiumâ€Catalyzed Heterocyclization/Oxidative Heck Coupling. Chemistry - A European Journal, 2010, 16, 12746-12753.	1.7	101
17	9-cis-13,14-Dihydroretinoic Acid Is an Endogenous Retinoid Acting as RXR Ligand in Mice. PLoS Genetics, 2015, 11, e1005213.	1.5	98
18	Theoretical Study of the Electrocyclic Ring Closure of Hydroxypentadienyl Cations. Chemistry - A European Journal, 2004, 10, 4324-4333.	1.7	95

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19	Isomerization of all-trans-Retinol to cis-Retinols in Bovine Retinal Pigment Epithelial Cells:â€‰ Dependence on the Specificity of Retinoid-Binding Proteins. Biochemistry, 2000, 39, 11370-11380.	1.2	91
20	Feijoa sellowiana derived natural Flavone exerts anti-cancer action displaying HDAC inhibitory activities. International Journal of Biochemistry and Cell Biology, 2007, 39, 1902-1914.	1.2	89
21	Retinoid Receptors and Therapeutic Applications of RAR/RXR Modulators. Current Topics in Medicinal Chemistry, 2012, 12, 505-527.	1.0	86
22	On the Aromatic Character of Electrocyclic and Pseudopericyclic Reactions: Thermal Cyclization of (2Z)-Hexa-2,4-5-trienals and Their Schiff Bases. Angewandte Chemie - International Edition, 2001, 40, 557-561.	7.2	84
23	The suzuki reaction in stereocontrolled polyene synthesis: Retinol (vitamin A), its 9- and/or 13-demethyl analogs, and related 9-demethyl-dihydroretinoids. Tetrahedron, 1995, 51, 2435-2454.	1.0	83
24	Rational design of RARâ€selective ligands revealed by RARÎ² crystal stucture. EMBO Reports, 2004, 5, 877-882.	2.0	83
25	Enantioselective synthesis of hexahydrofuro[3,2-c] quinolines through a multicatalytic and multicomponent process. A new â€œaromatic sandwichâ€•model for BINOL-phosphoric acid catalyzed reactions. Chemical Science, 2014, 5, 996-1007.	3.7	82
26	Palladium Nanoparticle-Loaded Cellulose Paper: A Highly Efficient, Robust, and Recyclable Self-Assembled Composite Catalytic System. Journal of Physical Chemistry Letters, 2015, 6, 230-238.	2.1	82
27	Mechanistic Insights into the Stereocontrolled Synthesis of Hexahydropyrrolo[2,3-b]indoles by Electrophilic Activation of Tryptophan Derivatives. Organic Letters, 2008, 10, 77-80.	2.4	81
28	Structure, function and modulation of retinoic acid receptor beta, a tumor suppressor. International Journal of Biochemistry and Cell Biology, 2007, 39, 1406-1415.	1.2	79
29	Computational Characterization of a Complete Palladium-Catalyzed Cross-Coupling Process:â€‰ The Associative Transmetalation in the Stille Reaction. Organic Letters, 2006, 8, 35-38.	2.4	78
30	Synthesis and Biological Characterization of the Histone Deacetylase Inhibitor Largazole and C7-Modified Analogues. Journal of Medicinal Chemistry, 2010, 53, 4654-4667.	2.9	77
31	Expedient Total Syntheses of WIN 64745 and WIN 64821. Organic Letters, 2008, 10, 3701-3704.	2.4	75
32	Inhibition of IÎºB Kinase-Î² and Anticancer Activities of Novel Chalcone Adamantyl Arotinoids. Journal of Medicinal Chemistry, 2008, 51, 5431-5440.	2.9	75
33	Bond Ellipticity as a Measure of Electron Delocalization in Structure and Reactivity. Current Organic Chemistry, 2011, 15, 3576-3593.	0.9	75
34	Macroscale Plasmonic Substrates for Highly Sensitive Surfaceâ€Enhanced Raman Scattering. Angewandte Chemie - International Edition, 2013, 52, 6459-6463.	7.2	75
35	Understanding Abnormal Retinoid Signaling as a Causative Mechanism in Congenital Diaphragmatic Hernia. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 276-285.	1.4	74
36	Enantioselective Conjugate Addition of Nitro Compounds to Î±,Î²â€Unsaturated Ketones: An Experimental and Computational Study. Chemistry - A European Journal, 2011, 17, 5931-5938.	1.7	72

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37	Ellipticity: A Convenient Tool To Characterize Electrocyclic Reactions. Chemistry - A European Journal, 2005, 11, 1734-1738.	1.7	71
38	Aldo-keto reductases from the AKR1B subfamily: Retinoid specificity and control of cellular retinoic acid levels. Chemico-Biological Interactions, 2009, 178, 171-177.	1.7	70
39	Alternative retinoid X receptor (RXR) ligands. Molecular and Cellular Endocrinology, 2019, 491, 110436.	1.6	65
40	Synthesis of the PPARÎ²/Î´-selective agonist GW501516 and C4-thiazole-substituted analogs. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 49-54.	1.0	63
41	Stereocontrolled and Versatile Total Synthesis of Bispyrrolidinoindoline Diketopiperazine Alkaloids: Structural Revision of the Fungal Isolate (+)â€Asperdimin. Chemistry - A European Journal, 2009, 15, 9928-9937.	1.7	63
42	Synthesis of Diverse Indoleâ€Containing Scaffolds by Gold(I)â€Catalyzed Tandem Reactions of 3â€Propargylindoles Initiated by 1,2â€Indole Migrations: Scope and Computational Studies. Chemistry - A European Journal, 2010, 16, 9818-9828.	1.7	59
43	Strong Metallophilic Interactions in the Palladium Arylation by Gold Aryls. Angewandte Chemie - International Edition, 2012, 51, 4917-4920.	7.2	58
44	An Endogenous Mammalian Retinoidâ€…X Receptor Ligand, At Last!. ChemMedChem, 2016, 11, 1027-1037.	1.6	58
45	The Stille Reaction in the Synthesis of Carotenoid Butenolides:â€‰ Synthesis of 6â€˜-epi-Peridinin. Organic Letters, 2005, 7, 545-548.	2.4	57
46	A DFT Study of the Effect of the Ligands in the Reductive Elimination from Palladium Bis(allyl) Complexes. Organometallics, 2010, 29, 4983-4991.	1.1	57
47	Regioselective palladium-catalyzed cross-coupling reactions in the synthesis of novel 2,3-disubstituted thiophene derivatives. Tetrahedron, 2001, 57, 7871-7881.	1.0	56
48	Pseudorotation Barriers of Biological Oxyphosphoranes: A Challenge for Simulations of Ribozyme Catalysis. Chemistry - A European Journal, 2005, 11, 2081-2093.	1.7	54
49	Concise total synthesis and structural revision of (+)-pestalazine B. Organic and Biomolecular Chemistry, 2010, 8, 5179.	1.5	54
50	Experimental and Theoretical Analysis of the Steric Tolerance of the Binding Site of Bacterioopsin with the Use of Side-Chain Methyl-Shifted Retinal Analogs. Journal of the American Chemical Society, 1995, 117, 8220-8231.	6.6	53
51	Retinoic acid signaling targets Hox genes during the amphioxus gastrula stage: Insights into early anteriorâ€“posterior patterning of the chordate body plan. Developmental Biology, 2010, 338, 98-106.	0.9	53
52	DFT-Based Insights into Pdâ€“Zn Cooperative Effects in Oxidative Addition and Reductive Elimination Processes Relevant to Negishi Cross-Couplings. Organometallics, 2012, 31, 2053-2058.	1.1	53
53	Total Synthesis of Peridinin and Related C37-Norcarotenoid Butenolides. Chemistry - A European Journal, 2007, 13, 1273-1290.	1.7	52
54	Synthesis of Benzamides Related to Anacardic Acid and Their Histone Acetyltransferase (HAT) Inhibitory Activities. ChemMedChem, 2008, 3, 1435-1442.	1.6	52

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55	Retinoid X Receptor Gamma Is Implicated in Docosahexaenoic Acid Modulation of Despair Behaviors and Working Memory in Mice. Biological Psychiatry, 2011, 69, 788-794.	0.7	52
56	Epigenetic profiling of the antitumor natural product psammaplin A and its analogues. Bioorganic and Medicinal Chemistry, 2011, 19, 3637-3649.	1.4	52
57	Retinoid receptor subtype-selective modulators through synthetic modifications of RARÎ³ agonists. Bioorganic and Medicinal Chemistry, 2009, 17, 4345-4359.	1.4	51
58	Synthesis of Symmetrical Carotenoids by a Two-Fold Stille Reaction. Journal of Organic Chemistry, 2002, 67, 5040-5043.	1.7	50
59	Mechanism of the Gold-Catalyzed Rearrangement of (3-Acyloxyprop-1-ynyl)oxiranes: A Dual Role of the Catalyst. Journal of Organic Chemistry, 2009, 74, 2982-2991.	1.7	50
60	New synthetic approach to paullones and characterization of their SIRT1 inhibitory activity. Organic and Biomolecular Chemistry, 2012, 10, 2101.	1.5	50
61	Death Receptor Pathway Activation and Increase of ROS Production by the Triple Epigenetic Inhibitor UVI5008. Molecular Cancer Therapeutics, 2011, 10, 2394-2404.	1.9	49
62	Bispyridinium Dienes:Â Histone Deacetylase Inhibitors with Selective Activities. Journal of Medicinal Chemistry, 2007, 50, 2497-2505.	2.9	48
63	Indole-Derived Psammaplin A Analogues as Epigenetic Modulators with Multiple Inhibitory Activities. Journal of Medicinal Chemistry, 2012, 55, 9467-9491.	2.9	48
64	Stereocontrolled Synthesis of 6-s-cis- and 6-s-trans-Locked 9Z-Retinoids by Hydroxyl-Accelerated Stille Coupling of (Z)-Tri-n-Butylstannylbut-2-en-1-ol and Bicyclic Dienyl Triflates. Journal of Organic Chemistry, 2000, 65, 5917-5925.	1.7	47
65	Associative Transmetalation in the Stille Cross-Coupling Reaction to Form Dienes: Theoretical Insights into the Open Pathway. Organometallics, 2008, 27, 3378-3389.	1.1	47
66	Increased adiposity in the retinol saturaseâ€knockout mouse. FASEB Journal, 2010, 24, 1261-1270.	0.2	45
67	A general LbL strategy for the growth of pNIPAM microgels on Au nanoparticles with arbitrary shapes. Soft Matter, 2012, 8, 4165-4170.	1.2	45
68	Suzuki cross-coupling of meso-dibromoporphyrins for the synthesis of functionalized A2B2 porphyrins. Tetrahedron Letters, 2001, 42, 7409-7412.	0.7	43
69	On the Memory of Chirality in Gold(I)-Catalyzed Intramolecular Carboalkoxylation of Alkynes. Journal of Organic Chemistry, 2011, 76, 3791-3796.	1.7	41
70	Specificity of Zebrafish Retinol Saturase:â€‰ Formation of All-trans-13,14-dihydroretinol and All-trans-7,8-dihydroretinol. Biochemistry, 2007, 46, 1811-1820.	1.2	40
71	Activation of Retinoic Acid Receptors by Dihydroretinoids. Molecular Pharmacology, 2009, 76, 1228-1237.	1.0	40
72	Modulating Retinoid X Receptor with a Series of (E)-3-[4-Hydroxy-3-(3-alkoxy-5,5,8,8-tetramethyl-5,6,7,8-tetrahydronaphthalen-2-yl)phenyl]acrylic Acids and Their 4-Alkoxy Isomers. Journal of Medicinal Chemistry, 2009, 52, 3150-3158.	2.9	40

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73	Reduced adiponectin expression after highâ€fat diet is associated with selective upâ€regulation of ALDH1A1 and further retinoic acid receptor signaling in adipose tissue. FASEB Journal, 2017, 31, 203-211.	0.2	40
74	Regulation of Retinoid-Mediated Signaling Involved in Skin Homeostasis by RAR and RXR Agonists/Antagonists in Mouse Skin. PLoS ONE, 2013, 8, e62643.	1.1	39
75	The Suzuki Coupling Reaction in the Stereocontrolled Synthesis of 9-cis-Retinoic Acid and Its Ring-Demethylated Analoguesâ€‚1. Journal of Organic Chemistry, 2001, 66, 8483-8489.	1.7	38
76	Structural Effects Affecting the Thermal Electrocyclic Ring Closure of Vinylallenes to Alkylidenecyclobutenes. Journal of the American Chemical Society, 1996, 118, 1881-1891.	6.6	36
77	Stereospecificity of Retinol Saturase:â€‰ Absolute Configuration, Synthesis, and Biological Evaluation of Dihydroretinoids. Journal of the American Chemical Society, 2008, 130, 1154-1155.	6.6	36
78	Stereoselective synthesis of polyenic alarm pheromones of cephalaspidean molluscs. Tetrahedron, 1998, 54, 6793-6810.	1.0	35
79	Theoretical Study of the Vinyl Allene Oxide to Cyclopent-2-en-1-one Rearrangement:â€‰ Mechanism, Torquoselectivity and Solvent Effects. Journal of Organic Chemistry, 2004, 69, 3635-3644.	1.7	35
80	Simple Diastereoselectivity of the BF3Â·OEt2-Catalyzed Vinylogous Mukaiyama Aldol Reaction of 2-(Trimethylsiloxy)furans with Aldehydes. Journal of Organic Chemistry, 2005, 70, 3654-3659.	1.7	33
81	Ligand Recognition by RAR and RXR Receptors:â€‰ Binding and Selectivity. Journal of Medicinal Chemistry, 2005, 48, 6212-6219.	2.9	33
82	Stereospecific synthesis of 9-demethylretinoids via palladium-catalyzed vinylboronic acid-vinyl iodide cross coupling. Tetrahedron Letters, 1992, 33, 6205-6208.	0.7	32
83	Pseudorotation of Natural and Chemically Modified Biological Phosphoranes: Implications for RNA Catalysis. ChemPhysChem, 2004, 5, 1045-1049.	1.0	32
84	The Woodwardâ^'Hoffmannâ^'De Puy Rule Revisitedâ€. Organic Letters, 2004, 6, 905-908.	2.4	31
85	Growth Factor-Antagonized Rexinoid Apoptosis Involves Permissive PPARÎ³/RXR Heterodimers toÂActivate the Intrinsic Death Pathway by NO. Cancer Cell, 2009, 16, 220-231.	7.7	31
86	Aldoâ€“keto reductases in retinoid metabolism: Search for substrate specificity and inhibitor selectivity. Chemico-Biological Interactions, 2013, 202, 186-194.	1.7	31
87	Exploiting the Multidentate Nature of Chiral Disulfonimides in a Multicomponent Reaction for the Asymmetric Synthesis of Pyrrolo[1,2â€‹a]indoles: A Remarkable Case of Enantioinversion. Angewandte Chemie - International Edition, 2016, 55, 3428-3432.	7.2	31
88	Solvolytic Ring-Opening Reactions of Cyclopropyl Bromides. An Assessment of the Woodwardâ^'Hoffmannâ^'DePuy Rule. Journal of Organic Chemistry, 2004, 69, 9002-9010.	1.7	30
89	Retinoic acid receptor modulators: a perspective on recent advances and promises. Expert Opinion on Therapeutic Patents, 2011, 21, 55-63.	2.4	30
90	Bimetallic Intermediates in the Formation of Nucleophilic Allenylzincs from Allenylpalladiums:Â A DFT Study. Organometallics, 2007, 26, 2799-2802.	1.1	29

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91	Regioâ€; Periâ€; and Torquoselectivity in Hydroxy Heptatrienyl Cation Electrocyclizations: The Iso/Homoâ€Nazarov Reaction. Chemistry - A European Journal, 2009, 15, 1944-1956.	1.7	29
92	Stereoselective synthesis of 9-cis-retinoic acid by suzuki reaction. Tetrahedron Letters, 1999, 40, 8287-8290.	0.7	28
93	Nolz1 promotes striatal neurogenesis through the regulation of retinoic acid signaling. Neural Development, 2010, 5, 21.	1.1	28
94	Identification of a novel polyfluorinated compound as a lead to inhibit the human enzymes aldose reductase and AKR1B10: structure determination of both ternary complexes and implications for drug design. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 889-903.	2.5	28
95	Isomer-specific effects of conjugated linoleic acid on gene expression in RAW 264.7. Journal of Nutritional Biochemistry, 2009, 20, 848-859.e5.	1.9	27
96	Roles of retinoic acid and Tbx1/10 in pharyngeal segmentation: amphioxus and the ancestral chordate condition. EvoDevo, 2014, 5, 36.	1.3	27
97	The Stille Reaction in the Synthesis of the C37-Norcarotenoid Butenolide Pyrrhoxanthin. Scope and Limitations. Journal of Organic Chemistry, 2006, 71, 5914-5920.	1.7	26
98	Functionalized alkylidenecyclopentenes by acid-catalyzed electrocyclic ring closure of (2Z)-(di)vinylallene acetals. Tetrahedron Letters, 1997, 38, 7425-7428.	0.7	25
99	Computation of vertical excitation energies of retinal and analogs: Scope and limitations. Journal of Computational Chemistry, 2006, 27, 116-123.	1.5	25
100	Stereocontrolled synthesis of all-(E)- and (8Z)-anhydroretinol. Tetrahedron Letters, 1998, 39, 5659-5662.	0.7	24
101	The specificity of alcohol dehydrogenase with cis-retinoids. Activity with 11-cis-retinol and localization in retina. FEBS Journal, 2004, 271, 1660-1670.	0.2	24
102	C3 Halogen and C8â€²â€² Substituents on Stilbene Arotinoids Modulate Retinoic Acid Receptor Subtype Function. ChemMedChem, 2009, 4, 1630-1640.	1.6	24
103	A Pericyclic Cascade to the Stereocontrolled Synthesis of 9-cis-Retinoids. Journal of Organic Chemistry, 2000, 65, 2696-2705.	1.7	23
104	Insights into the mechanism of the site-selective sequential palladium-catalyzed cross-coupling reactions of dibromothiophenes/dibromothiazoles and arylboronic acids. Synthesis of PPARÎ²/Î´ agonists. Organic and Biomolecular Chemistry, 2006, 4, 4514-4525.	1.5	23
105	Advances in drug design with RXR modulators. Expert Opinion on Drug Discovery, 2012, 7, 1003-1016.	2.5	23
106	Total synthesis of (8R,6â€²R)-peridinin-5,8-furanoxide. Chemical Communications, 2013, 49, 5043.	2.2	23
107	Electrocyclic Ring Opening ofcis-Bicyclo[m.n.0]alkenes: The Anti-Woodwardâ€“Hoffmann Quest. Chemistry - A European Journal, 2007, 13, 5009-5017.	1.7	22
108	Residual Dipolar Coupling Enhanced NMR Spectroscopy and Chiroptics: A Powerful Combination for the Complete Elucidation of Symmetrical Small Molecules. Chemistry - A European Journal, 2011, 17, 11983-11986.	1.7	22

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109	Stereocontrolled synthesis of retinoids functionalized at C-13 by suzuki coupling reactions. Tetrahedron, 1999, 55, 13779-13790.	1.0	21
110	A general synthesis of alkylpyridines. Tetrahedron, 2001, 57, 3125-3130.	1.0	21
111	Computational Study and Analysis of the Kinetic Isotope Effects of the Rearrangement ofcis-Bicyclo[4.2.0]oct-7-ene tocis,cis-Cycloocta-1,3-diene. Organic Letters, 2006, 8, 2055-2058.	2.4	21
112	Stereoselective Stille Coupling of Enantiopure Haloallenes and Alkenylstannanes for the Synthesis of Allenyl Carotenoids. Experimental and Computational Studies. Journal of Organic Chemistry, 2008, 73, 6534-6541.	1.7	21
113	Synthesis of Tetrahydrodibenzofuran and Tetrahydrophenanthridinone Skeletons by Intramolecular Nucleopalladation/Oxidative Heck Cascades. European Journal of Organic Chemistry, 2012, 2012, 99-106.	1.2	21
114	Alkaloids of Sarcocapnos crassifolia subsp. speciosa. Phytochemistry, 1989, 28, 251-257.	1.4	19
115	A conjunctive diiodoheptaene for the synthesis of C2-symmetric carotenoids. Chemical Communications, 2013, 49, 2694.	2.2	19
116	Total Synthesis and Structural Revision of (â€“)â€Protubonine A and (â€“)â€Protubonine B. European Journal of Organic Chemistry, 2014, 2014, 2557-2564.	1.2	19
117	11,12-Difluororhodopsin and Related Odd-Numbered Fluororhodopsins. The Use ofJF,Ffor Following a Cisâ^'trans Isomerization Process. Journal of the American Chemical Society, 1999, 121, 5803-5804.	6.6	18
118	New Anacardic Acidâ€Inspired Benzamides: Histone Lysine Acetyltransferase Activators. ChemMedChem, 2010, 5, 1530-1540.	1.6	18
119	Novel symmetrical ureas as modulators of protein arginine methyl transferases. Bioorganic and Medicinal Chemistry, 2013, 21, 2056-2067.	1.4	18
120	Silicon particles as trojan horses for potential cancer therapy. Journal of Nanobiotechnology, 2014, 12, 35.	4.2	18
121	9-Cis-13,14-dihydroretinoic acid, a new endogenous mammalian ligand of retinoid X receptor and the active ligand of a potential new vitamin A category: vitamin A5. Nutrition Reviews, 2018, 76, 929-941.	2.6	18
122	Torquoselectivity on the thermal electrocyclic ring closure of vinylallenes to alkylidenecyclobutenes. Tetrahedron Letters, 1995, 36, 4669-4672.	0.7	17
123	Phototransformation and proton pumping activity of the 14-fluoro bacteriorhodopsin derivatives. Biochimica Et Biophysica Acta - Biomembranes, 1998, 1371, 371-381.	1.4	17
124	(9Z)- and (11Z)-8-Methylretinals for Artificial Visual Pigment Studies: Stereoselective Synthesis, Structure, and Binding Models. Chemistry - A European Journal, 2003, 9, 5821-5831.	1.7	17
125	Kinetics of human alcohol dehydrogenase with ring-oxidized retinoids: effect of Tween 80. Archives of Biochemistry and Biophysics, 2004, 430, 210-217.	1.4	17
126	Deuterium exchange and mass spectrometry reveal the interaction differences of two synthetic modulators of RXRÎ± LBD. Protein Science, 2007, 16, 2491-2501.	3.1	17

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127	Mechanistic and Sterochemical Insights on the Pt-Catalyzed Rearrangement of Oxiranylpropargylic Esters to Cyclopentenones. Journal of Organic Chemistry, 2012, 77, 8733-8743.	1.7	17
128	Total Synthesis of Enantiopure Pyrrhoxanthin: Alternative Methods for the Stereoselective Preparation of 4â€Alkylidenebutenolides. Chemistry - A European Journal, 2013, 19, 13065-13074.	1.7	17
129	Total Synthesis and Structural Revision of (+)-Cristatumin C. Journal of Natural Products, 2014, 77, 421-423.	1.5	17
130	A New Family of Jumonji C Domain-Containing KDM Inhibitors Inspired by Natural Product Purpurogallin. Frontiers in Chemistry, 2020, 8, 312.	1.8	17
131	19,19,19- and 20,20,20-trimethylretinal: Side chain tert-butyl substituted retinals. Tetrahedron Letters, 1987, 28, 2921-2924.	0.7	16
132	Highly Potent Naphthofuranâ€Based Retinoic Acid Receptor Agonists. ChemMedChem, 2009, 4, 780-791.	1.6	16
133	Competing Thermal Electrocyclic Ring-Closure Reactions of (2Z)-Hexa-2,4,5-trienals and Their Schiff Bases. Structural, Kinetic, and Computational Studies. Journal of Organic Chemistry, 2010, 75, 4453-4462.	1.7	16
134	Stereoselective [3+2] Carbocyclization of Indoleâ€Derived Imines and Electronâ€Rich Alkenes: A Divergent Synthesis of Cyclopenta[b]indole or Tetrahydroquinoline Derivatives. Chemistry - A European Journal, 2015, 21, 16769-16774.	1.7	16
135	Alkaloids from Guatteria goudotiana. Phytochemistry, 1991, 30, 2781-2783.	1.4	15
136	Unidirectional thermal electrocyclic ring forming reactions of methylenecyclobutenes from vinylallenes in the retinoid series. Tetrahedron Letters, 1993, 34, 6293-6296.	0.7	15
137	Electrocyclic Ring Opening of Charged cis-Bicyclo[3.2.0]heptadiene and Heterocyclic Derivatives. The Anti-Woodwardâ^'Hoffmann Quest (II). Journal of Organic Chemistry, 2009, 74, 2396-2402.	1.7	15
138	Inverse Agonists and Antagonists of Retinoid Receptors. Methods in Enzymology, 2010, 485, 161-195.	0.4	15
139	Enantioselective synthesis of all of the stereoisomers of (E)-13,14-dihydroxyretinol (DHR). Tetrahedron: Asymmetry, 2004, 15, 839-846.	1.8	14
140	Characterization of the Switch in the Mechanism of an Intramolecular Dielsâ^'Alder Reaction. Journal of Organic Chemistry, 2008, 73, 467-473.	1.7	14
141	Total synthesis of the proposed structures of the DNA methyl transferase inhibitors peyssonenynes, and structural revision of peyssonenyne B. Organic and Biomolecular Chemistry, 2011, 9, 6979.	1.5	14
142	Synthetic approaches to DNMT inhibitor SGI-1027 and effects on the U937 leukemia cell line. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 1631-1635.	1.0	14
143	Low-lying excited-states of 5-benzyluracil. Physical Chemistry Chemical Physics, 2013, 15, 7161.	1.3	14
144	Synthesis of haminol-A and haminol-B, polyenic alarm pheromones of Cephalaspidean molluscs. Tetrahedron: Asymmetry, 1998, 9, 3065-3072.	1.8	13

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145	9-cis-Retinoic acid analogues with bulky hydrophobic rings: new RXR-selective agonists. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 6117-6122.	1.0	13
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