

Angel R De Lera

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

223 papers	8,530 citations	48 h-index	83 g-index
229 ext. papers	9,250 ext. citations	6.2 avg, IF	5.84 L-index

#	Paper	IF	Citations
223	Tumor-selective action of HDAC inhibitors involves TRAIL induction in acute myeloid leukemia cells. <i>Nature Medicine</i> , 2005 , 11, 77-84	50.5	516
222	International Union of Pharmacology. LXIII. Retinoid X receptors. <i>Pharmacological Reviews</i> , 2006 , 58, 760-72	22.5	408
221	RAR and RXR modulation in cancer and metabolic disease. <i>Nature Reviews Drug Discovery</i> , 2007 , 6, 793-804	40.1	393
220	International Union of Pharmacology. LX. Retinoic acid receptors. <i>Pharmacological Reviews</i> , 2006 , 58, 712-25	22.5	340
219	Functions, therapeutic applications, and synthesis of retinoids and carotenoids. <i>Chemical Reviews</i> , 2014 , 114, 1-125	68.1	240
218	Design of selective nuclear receptor modulators: RAR and RXR as a case study. <i>Nature Reviews Drug Discovery</i> , 2007 , 6, 811-20	64.1	210
217	Palladium-catalyzed intermolecular C(sp ³)-H amidation. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 2225-8	16.4	209
216	Mechanism of the gold(I)-catalyzed Rautenstrauch rearrangement: a center-to-helix-to-center chirality transfer. <i>Journal of the American Chemical Society</i> , 2006 , 128, 2434-7	16.4	173
215	C-C reductive elimination in palladium complexes, and the role of coupling additives. A DFT study supported by experiment. <i>Journal of the American Chemical Society</i> , 2009 , 131, 3650-7	16.4	167
214	Rapid, nongenomic actions of retinoic acid on phosphatidylinositol-3-kinase signaling pathway mediated by the retinoic acid receptor. <i>Molecular Endocrinology</i> , 2007 , 21, 2391-402		146
213	Structural basis for the high all-trans-retinaldehyde reductase activity of the tumor marker AKR1B10. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 20764-9	11.5	143
212	Modulators of the structural dynamics of the retinoid X receptor to reveal receptor function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 17323-8	11.5	128
211	Modulation of RXR function through ligand design. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012 , 1821, 57-69	5	119
210	A unique secondary-structure switch controls constitutive gene repression by retinoic acid receptor. <i>Nature Structural and Molecular Biology</i> , 2010 , 17, 801-7	17.6	118
209	Characterization of the interaction between retinoic acid receptor/retinoid X receptor (RAR/RXR) heterodimers and transcriptional coactivators through structural and fluorescence anisotropy studies. <i>Journal of Biological Chemistry</i> , 2005 , 280, 1625-33	5.4	104
208	Isomerization of all-trans-retinol to cis-retinols in bovine retinal pigment epithelial cells: dependence on the specificity of retinoid-binding proteins. <i>Biochemistry</i> , 2000 , 39, 11370-80	3.2	89
207	A general synthesis of alkenyl-substituted benzofurans, indoles, and isoquinolones by cascade palladium-catalyzed heterocyclization/oxidative Heck coupling. <i>Chemistry - A European Journal</i> , 2010 , 16, 12746-53	4.8	88

206	Theoretical study of the electrocyclic ring closure of hydroxypentadienyl cations. <i>Chemistry - A European Journal</i> , 2004 , 10, 4324-33	4.8	88
205	Rational design of RAR-selective ligands revealed by RARbeta crystal structure. <i>EMBO Reports</i> , 2004 , 5, 877-82	6.5	79
204	9-cis-13,14-Dihydroretinoic Acid Is an Endogenous Retinoid Acting as RXR Ligand in Mice. <i>PLoS Genetics</i> , 2015 , 11, e1005213	6	78
203	Feijoa sellowiana derived natural Flavone exerts anti-cancer action displaying HDAC inhibitory activities. <i>International Journal of Biochemistry and Cell Biology</i> , 2007 , 39, 1902-14	5.6	78
202	Mechanistic insights into the stereocontrolled synthesis of hexahydropyrrolo[2,3-b]indoles by electrophilic activation of tryptophan derivatives. <i>Organic Letters</i> , 2008 , 10, 77-80	6.2	76
201	On the Aromatic Character of Electrocyclic and Pseudopericyclic Reactions: Thermal Cyclization of (2Z)-Hexa-2,4-5-trienals and Their Schiff Bases. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 557-561	16.4	76
200	Palladium Nanoparticle-Loaded Cellulose Paper: A Highly Efficient, Robust, and Recyclable Self-Assembled Composite Catalytic System. <i>Journal of Physical Chemistry Letters</i> , 2015 , 6, 230-8	6.4	74
199	Computational characterization of a complete palladium-catalyzed cross-coupling process: the associative transmetalation in the Stille reaction. <i>Organic Letters</i> , 2006 , 8, 35-8	6.2	74
198	The suzuki reaction in stereocontrolled polyene synthesis: Retinol (vitamin A), its 9- and/or 13-demethyl analogs, and related 9-demethyl-dihydroretinoids. <i>Tetrahedron</i> , 1995 , 51, 2435-2454	2.4	74
197	Enantioselective synthesis of hexahydrofuro[3,2-c] quinolines through a multicatalytic and multicomponent process. A new Bromatic sandwich model for BINOL-phosphoric acid catalyzed reactions. <i>Chemical Science</i> , 2014 , 5, 996-1007	9.4	73
196	Retinoid receptors and therapeutic applications of RAR/RXR modulators. <i>Current Topics in Medicinal Chemistry</i> , 2012 , 12, 505-27	3	72
195	Synthesis and biological characterization of the histone deacetylase inhibitor largazole and C7-modified analogues. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 4654-67	8.3	71
194	Structure, function and modulation of retinoic acid receptor beta, a tumor suppressor. <i>International Journal of Biochemistry and Cell Biology</i> , 2007 , 39, 1406-15	5.6	71
193	Macroscale plasmonic substrates for highly sensitive surface-enhanced Raman scattering. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 6459-63	16.4	67
192	Expedient total syntheses of WIN 64745 and WIN 64821. <i>Organic Letters</i> , 2008 , 10, 3701-4	6.2	66
191	Aldo-keto reductases from the AKR1B subfamily: retinoid specificity and control of cellular retinoic acid levels. <i>Chemico-Biological Interactions</i> , 2009 , 178, 171-7	5	65
190	Enantioselective conjugate addition of nitro compounds to α,β -unsaturated ketones: an experimental and computational study. <i>Chemistry - A European Journal</i> , 2011 , 17, 5931-8	4.8	64
189	Ellipticity: a convenient tool to characterize electrocyclic reactions. <i>Chemistry - A European Journal</i> , 2005 , 11, 1734-8	4.8	64

188	Inhibition of IkappaB kinase-beta and anticancer activities of novel chalcone adamantyl arotinoids. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 5431-40	8.3	62
187	Synthesis of the PPARbeta/delta-selective agonist GW501516 and C4-thiazole-substituted analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 49-54	2.9	58
186	Strong metallophilic interactions in the palladium arylation by gold aryls. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 4917-20	16.4	54
185	Stereocontrolled and versatile total synthesis of bispyrrolidinoindoline diketopiperazine alkaloids: structural revision of the fungal isolate (+)-asperdimin. <i>Chemistry - A European Journal</i> , 2009 , 15, 9928-37	4.8	54
184	The Stille reaction in the synthesis of carotenoid butenolides: synthesis of 6'-epi-peridinin. <i>Organic Letters</i> , 2005 , 7, 545-8	6.2	53
183	A DFT Study of the Effect of the Ligands in the Reductive Elimination from Palladium Bis(allyl) Complexes \square <i>Organometallics</i> , 2010 , 29, 4983-4991	3.8	52
182	Bond Ellipticity as a Measure of Electron Delocalization in Structure and Reactivity. <i>Current Organic Chemistry</i> , 2011 , 15, 3576-3593	1.7	51
181	Pseudorotation barriers of biological oxyphosphoranes: a challenge for simulations of ribozyme catalysis. <i>Chemistry - A European Journal</i> , 2005 , 11, 2081-93	4.8	51
180	Synthesis of diverse indole-containing scaffolds by gold(I)-catalyzed tandem reactions of 3-propargylindoles initiated by 1,2-indole migrations: scope and computational studies. <i>Chemistry - A European Journal</i> , 2010 , 16, 9818-28	4.8	50
179	Total synthesis of peridinin and related C37-norcarotenoid butenolides. <i>Chemistry - A European Journal</i> , 2007 , 13, 1273-90	4.8	50
178	Regioselective palladium-catalyzed cross-coupling reactions in the synthesis of novel 2,3-disubstituted thiophene derivatives. <i>Tetrahedron</i> , 2001 , 57, 7871-7881	2.4	50
177	Mechanism of the gold-catalyzed rearrangement of (3-acyloxyprop-1-ynyl)oxiranes: a dual role of the catalyst. <i>Journal of Organic Chemistry</i> , 2009 , 74, 2982-91	4.2	49
176	Understanding abnormal retinoid signaling as a causative mechanism in congenital diaphragmatic hernia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010 , 42, 276-85	5.7	48
175	Synthesis of benzamides related to anacardic acid and their histone acetyltransferase (HAT) inhibitory activities. <i>ChemMedChem</i> , 2008 , 3, 1435-42	3.7	47
174	Death receptor pathway activation and increase of ROS production by the triple epigenetic inhibitor UVI5008. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 2394-404	6.1	46
173	Bispyridinium dienes: histone deacetylase inhibitors with selective activities. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 2497-505	8.3	46
172	DFT-Based Insights into Pd/Zn Cooperative Effects in Oxidative Addition and Reductive Elimination Processes Relevant to Negishi Cross-Couplings. <i>Organometallics</i> , 2012 , 31, 2053-2058	3.8	45
171	Epigenetic profiling of the antitumor natural product psammaphin A and its analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 3637-49	3.4	45

170	Synthesis of symmetrical carotenoids by a two-fold Stille reaction. <i>Journal of Organic Chemistry</i> , 2002 , 67, 5040-3	4.2	45
169	Retinoic acid signaling targets Hox genes during the amphioxus gastrula stage: insights into early anterior-posterior patterning of the chordate body plan. <i>Developmental Biology</i> , 2010 , 338, 98-106	3.1	44
168	Retinoid receptor subtype-selective modulators through synthetic modifications of RARgamma agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 4345-59	3.4	44
167	Associative Transmetalation in the Stille Cross-Coupling Reaction to Form Dienes: Theoretical Insights into the Open Pathway. <i>Organometallics</i> , 2008 , 27, 3378-3389	3.8	44
166	Experimental and Theoretical Analysis of the Steric Tolerance of the Binding Site of Bacterioopsin with the Use of Side-Chain Methyl-Shifted Retinal Analogs. <i>Journal of the American Chemical Society</i> , 1995 , 117, 8220-8231	16.4	44
165	An Endogenous Mammalian Retinoid X Receptor Ligand, At Last!. <i>ChemMedChem</i> , 2016 , 11, 1027-37	3.7	44
164	Indole-derived psammaplin A analogues as epigenetic modulators with multiple inhibitory activities. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 9467-91	8.3	43
163	Retinoid x receptor gamma is implicated in docosahexaenoic acid modulation of despair behaviors and working memory in mice. <i>Biological Psychiatry</i> , 2011 , 69, 788-94	7.9	43
162	Concise total synthesis and structural revision of (+)-pestalazine B. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 5179-86	3.9	43
161	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. <i>Journal of Organic Chemistry</i> , 2000 , 65, 5917-25	4.2	43
160	Alternative retinoid X receptor (RXR) ligands. <i>Molecular and Cellular Endocrinology</i> , 2019 , 491, 110436	4.4	42
159	Suzuki cross-coupling of meso-dibromoporphyrins for the synthesis of functionalized A2B2 porphyrins. <i>Tetrahedron Letters</i> , 2001 , 42, 7409-7412	2	41
158	A general LbL strategy for the growth of pNIPAM microgels on Au nanoparticles with arbitrary shapes. <i>Soft Matter</i> , 2012 , 8, 4165-4170	3.6	40
157	On the memory of chirality in gold(I)-catalyzed intramolecular carboalkoxylation of alkynes. <i>Journal of Organic Chemistry</i> , 2011 , 76, 3791-6	4.2	40
156	New synthetic approach to paullones and characterization of their SIRT1 inhibitory activity. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 2101-12	3.9	36
155	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. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 3150-8	8.3	36
154	Increased adiposity in the retinol saturase-knockout mouse. <i>FASEB Journal</i> , 2010 , 24, 1261-70	0.9	35
153	Theoretical study of the vinyl allene oxide to cyclopent-2-en-1-one rearrangement: mechanism, torquoselectivity and solvent effects. <i>Journal of Organic Chemistry</i> , 2004 , 69, 3635-44	4.2	35

152	Activation of retinoic acid receptors by dihydroretinoids. <i>Molecular Pharmacology</i> , 2009 , 76, 1228-37	4.3	34
151	Specificity of zebrafish retinol saturase: formation of all-trans-13,14-dihydroretinol and all-trans-7,8- dihydroretinol. <i>Biochemistry</i> , 2007 , 46, 1811-20	3.2	34
150	The Suzuki coupling reaction in the stereocontrolled synthesis of 9-cis-retinoic acid and its ring-demethylated analogues. <i>Journal of Organic Chemistry</i> , 2001 , 66, 8483-9	4.2	33
149	Stereospecificity of retinol saturase: absolute configuration, synthesis, and biological evaluation of dihydroretinoids. <i>Journal of the American Chemical Society</i> , 2008 , 130, 1154-5	16.4	32
148	Regulation of retinoid-mediated signaling involved in skin homeostasis by RAR and RXR agonists/antagonists in mouse skin. <i>PLoS ONE</i> , 2013 , 8, e62643	3.7	32
147	Stereoselective synthesis of polyenic alarm pheromones of cephalaspidean molluscs. <i>Tetrahedron</i> , 1998 , 54, 6793-6810	2.4	31
146	Simple diastereoselectivity of the BF ₃ .OEt ₂ -catalyzed vinylogous Mukaiyama aldol reaction of 2-(trimethylsiloxy)furans with aldehydes. <i>Journal of Organic Chemistry</i> , 2005 , 70, 3654-9	4.2	31
145	Ligand recognition by RAR and RXR receptors: binding and selectivity. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 6212-9	8.3	31
144	The Woodward-Hoffmann-De Puy rule revisited. <i>Organic Letters</i> , 2004 , 6, 905-8	6.2	31
143	Growth factor-antagonized rexinoid apoptosis involves permissive PPAR γ /RXR heterodimers to activate the intrinsic death pathway by NO. <i>Cancer Cell</i> , 2009 , 16, 220-31	24.3	29
142	Pseudorotation of natural and chemically modified biological phosphoranes: implications for RNA catalysis. <i>ChemPhysChem</i> , 2004 , 5, 1045-9	3.2	29
141	Solvolitic ring-opening reactions of cyclopropyl bromides. An assessment of the Woodward-Hoffmann-DePuy rule. <i>Journal of Organic Chemistry</i> , 2004 , 69, 9002-10	4.2	29
140	Stereospecific synthesis of 9-demethylretinoids via palladium-catalyzed vinylboronic acid-vinyl iodide cross coupling. <i>Tetrahedron Letters</i> , 1992 , 33, 6205-6208	2	28
139	Aldo-keto reductases in retinoid metabolism: search for substrate specificity and inhibitor selectivity. <i>Chemico-Biological Interactions</i> , 2013 , 202, 186-94	5	27
138	Bimetallic Intermediates in the Formation of Nucleophilic Allenylzincs from Allenylpalladiums: A DFT Study. <i>Organometallics</i> , 2007 , 26, 2799-2802	3.8	27
137	Nolz1 promotes striatal neurogenesis through the regulation of retinoic acid signaling. <i>Neural Development</i> , 2010 , 5, 21	3.9	26
136	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. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014 , 70, 889-903		25
135	Reduced adiponectin expression after high-fat diet is associated with selective up-regulation of ALDH1A1 and further retinoic acid receptor signaling in adipose tissue. <i>FASEB Journal</i> , 2017 , 31, 203-211	10.9	25

134	Computation of vertical excitation energies of retinal and analogs: scope and limitations. <i>Journal of Computational Chemistry</i> , 2006 , 27, 116-23	3.5	25
133	Regio-, peri-, and torquoselectivity in hydroxy heptatrienyl cation electrocyclizations: the iso/homo-Nazarov reaction. <i>Chemistry - A European Journal</i> , 2009 , 15, 1944-56	4.8	24
132	C3 halogen and c8'' substituents on stilbene arotinoids modulate retinoic Acid receptor subtype function. <i>ChemMedChem</i> , 2009 , 4, 1630-40	3.7	24
131	Isomer-specific effects of conjugated linoleic acid on gene expression in RAW 264.7. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 848-59, 859.e1-5	6.3	24
130	Structural Effects Affecting the Thermal Electrocyclic Ring Closure of Vinylallenes to Alkylidenecyclobutenes. <i>Journal of the American Chemical Society</i> , 1996 , 118, 1881-1891	16.4	24
129	Retinoic acid receptor modulators: a perspective on recent advances and promises. <i>Expert Opinion on Therapeutic Patents</i> , 2011 , 21, 55-63	6.8	23
128	Exploiting the Multidentate Nature of Chiral Disulfonimides in a Multicomponent Reaction for the Asymmetric Synthesis of Pyrrolo[1,2-a]indoles: A Remarkable Case of Enantioinversion. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3428-32	16.4	23
127	The Stille reaction in the synthesis of the C37-norcarotenoid butenolide pyrrhoxanthin. Scope and limitations. <i>Journal of Organic Chemistry</i> , 2006 , 71, 5914-20	4.2	22
126	Insights into the mechanism of the site-selective sequential palladium-catalyzed cross-coupling reactions of dibromothiophenes/dibromothiazoles and arylboronic acids. Synthesis of PPARbeta/delta agonists. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 4514-25	3.9	22
125	Stereoselective synthesis of 9-cis-retinoic acid by suzuki reaction. <i>Tetrahedron Letters</i> , 1999 , 40, 8287-8290	20	22
124	Roles of retinoic acid and Tbx1/10 in pharyngeal segmentation: amphioxus and the ancestral chordate condition. <i>EvoDevo</i> , 2014 , 5, 36	3.2	21
123	Functionalized alkylidenecyclopentenones by acid-catalyzed electrocyclic ring closure of (2Z)-(di)vinylallene acetals. <i>Tetrahedron Letters</i> , 1997 , 38, 7425-7428	2	21
122	Advances in drug design with RXR modulators. <i>Expert Opinion on Drug Discovery</i> , 2012 , 7, 1003-16	6.2	20
121	Stereocontrolled synthesis of all-(E)- and (8Z)-anhydroretinol. <i>Tetrahedron Letters</i> , 1998 , 39, 5659-5662	2	20
120	The specificity of alcohol dehydrogenase with cis-retinoids. Activity with 11-cis-retinol and localization in retina. <i>FEBS Journal</i> , 2004 , 271, 1660-70		20
119	Stereoselective Stille coupling of enantiopure haloallenes and alkenylstannanes for the synthesis of allenyl carotenoids. Experimental and computational studies. <i>Journal of Organic Chemistry</i> , 2008 , 73, 6534-41	4.2	19
118	Total synthesis of (8R,6'R)-peridinin-5,8-furanoxide. <i>Chemical Communications</i> , 2013 , 49, 5043-5	5.8	18
117	Residual dipolar coupling enhanced NMR spectroscopy and chiroptics: a powerful combination for the complete elucidation of symmetrical small molecules. <i>Chemistry - A European Journal</i> , 2011 , 17, 11983-6	4.8	18

116	Electrocyclic ring opening of cis-bicyclo[m.n.0]alkenes: the anti-Woodward-Hoffmann quest. <i>Chemistry - A European Journal</i> , 2007 , 13, 5009-17	4.8	18
115	Computational study and analysis of the kinetic isotope effects of the rearrangement of cis-bicyclo[4.2.0]oct-7-ene to cis,cis-cycloocta-1,3-diene. <i>Organic Letters</i> , 2006 , 8, 2055-8	6.2	18
114	A pericyclic cascade to the stereocontrolled synthesis of 9-cis-retinoids. <i>Journal of Organic Chemistry</i> , 2000 , 65, 2696-705	4.2	18
113	Mechanistic and stereochemical insights on the Pt-catalyzed rearrangement of oxiranylpropargylic esters to cyclopentenones. <i>Journal of Organic Chemistry</i> , 2012 , 77, 8733-43	4.2	17
112	A conjunctive diiodoheptaene for the synthesis of C2-symmetric carotenoids. <i>Chemical Communications</i> , 2013 , 49, 2694-6	5.8	16
111	New anacardic acid-inspired benzamides: histone lysine acetyltransferase activators. <i>ChemMedChem</i> , 2010 , 5, 1530-40	3.7	16
110	Phototransformation and proton pumping activity of the 14-fluoro bacteriorhodopsin derivatives. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998 , 1371, 371-81	3.8	16
109	Deuterium exchange and mass spectrometry reveal the interaction differences of two synthetic modulators of RXRalpha LBD. <i>Protein Science</i> , 2007 , 16, 2491-501	6.3	16
108	11,12-Difluororhodopsin and Related Odd-Numbered Fluororhodopsins. The Use of JF,F for Following a Cis-Trans Isomerization Process. <i>Journal of the American Chemical Society</i> , 1999 , 121, 5803-5804	16.4	16
107	Synthesis of Tetrahydrodibenzofuran and Tetrahydrophenanthridinone Skeletons by Intramolecular Nucleopalladation/Oxidative Heck Cascades. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 99-106	3.2	15
106	Total synthesis of enantiopure pyrrhoxanthin: alternative methods for the stereoselective preparation of 4-alkylidenebutenolides. <i>Chemistry - A European Journal</i> , 2013 , 19, 13065-74	4.8	15
105	Silicon particles as trojan horses for potential cancer therapy. <i>Journal of Nanobiotechnology</i> , 2014 , 12, 35	9.4	15
104	Competing thermal electrocyclic ring-closure reactions of (2Z)-hexa-2,4,5-trienals and their Schiff bases. Structural, kinetic, and computational studies. <i>Journal of Organic Chemistry</i> , 2010 , 75, 4453-62	4.2	15
103	(9Z)- and (11Z)-8-methylretinals for artificial visual pigment studies: stereoselective synthesis, structure, and binding models. <i>Chemistry - A European Journal</i> , 2003 , 9, 5821-31	4.8	15
102	Kinetics of human alcohol dehydrogenase with ring-oxidized retinoids: effect of Tween 80. <i>Archives of Biochemistry and Biophysics</i> , 2004 , 430, 210-7	4.1	15
101	A general synthesis of alkylpyridines. <i>Tetrahedron</i> , 2001 , 57, 3125-3130	2.4	15
100	Stereocontrolled synthesis of retinoids functionalized at C-13 by suzuki coupling reactions. <i>Tetrahedron</i> , 1999 , 55, 13779-13790	2.4	15
99	Total Synthesis and Structural Revision of (11S)-Protubonine A and (11S)-Protubonine B. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 2557-2564	3.2	14

98	Stereoselective [3+2] Carbocyclization of Indole-Derived Imines and Electron-Rich Alkenes: A Divergent Synthesis of Cyclopenta[b]indole or Tetrahydroquinoline Derivatives. <i>Chemistry - A European Journal</i> , 2015 , 21, 16769-74	4.8	14
97	Highly potent naphthofuran-based retinoic acid receptor agonists. <i>ChemMedChem</i> , 2009 , 4, 780-91	3.7	14
96	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. <i>Nutrition Reviews</i> , 2018 , 76, 929-941	6.4	14
95	Novel symmetrical ureas as modulators of protein arginine methyl transferases. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 2056-67	3.4	13
94	Computational Study of the Intramolecular Pericyclic Reactions of Aldazines and Some Pseudopericyclic Variants. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 2933-2939	3.2	13
93	Inverse agonists and antagonists of retinoid receptors. <i>Methods in Enzymology</i> , 2010 , 485, 161-95	1.7	13
92	Total synthesis of the proposed structures of the DNA methyl transferase inhibitors peyssonenynes, and structural revision of peyssonenyn B. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 6979-87	3.9	13
91	Characterization of the switch in the mechanism of an intramolecular Diels-Alder reaction. <i>Journal of Organic Chemistry</i> , 2008 , 73, 467-73	4.2	13
90	Sulfoxide-induced stereoselection in [1,5]-sigmatropic hydrogen shifts of vinylallenes. A computational study. <i>Journal of Organic Chemistry</i> , 2007 , 72, 2617-24	4.2	13
89	Synthesis of ring-oxidized retinoids as substrates of mouse class I alcohol dehydrogenase (ADH1). <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 3368-73	3.9	13
88	Conrotatory ring-opening reactions of cyclopropyl anions in monocyclic and tricyclic systems. <i>Organic Letters</i> , 2004 , 6, 901-4	6.2	13
87	Torquoselectivity on the thermal electrocyclic ring closure of vinylallenes to alkylidenecyclobutenes. <i>Tetrahedron Letters</i> , 1995 , 36, 4669-4672	2	13
86	Alkaloids from Guatteria goudotiana. <i>Phytochemistry</i> , 1991 , 30, 2781-2783	4	13
85	Alkaloids of Sarcocapnos crassifolia subsp. speciosa. <i>Phytochemistry</i> , 1989 , 28, 251-257	4	13
84	19,19,19- and 20,20,20-trimethylretinal: Side chain tert-butyl substituted retinals. <i>Tetrahedron Letters</i> , 1987 , 28, 2921-2924	2	13
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