

# Eric N Jacobsen

## List of Publications by Year in Descending Order

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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.

266  
papers

44,411  
citations

114  
h-index

209  
g-index

304  
ext. papers

47,449  
ext. citations

13  
avg, IF

7.98  
L-index

#	Paper	IF	Citations
266	Catalytic Alkene Difunctionalization Reactions <b>2022</b> , 243-274		
265	Chiral Ureas, Thioureas, and Squaramides in Anion-Binding Catalysis with Co-catalytic Brønsted/ Lewis Acids <b>2022</b> , 141-159		1
264	The Aryl-Pyrrolidine- tert -Leucine Motif as a New Privileged Chiral Scaffold: The Role of Noncovalent Stabilizing Interactions <b>2022</b> , 361-385		1
263	Enantioselective catalytic 1,2-boronate rearrangements. <i>Science</i> , <b>2021</b> , 374, 752-757	33.3	11
262	Cooperative Hydrogen-Bond-Donor Catalysis with Hydrogen Chloride Enables Highly Enantioselective Prins Cyclization Reactions. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 20077-20083 <sup>6</sup>	16.4	6
261	Enantioselective, Catalytic Multicomponent Synthesis of Homoallylic Amines Enabled by Hydrogen-Bonding and Dispersive Interactions. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 7272-7278 <sup>6</sup>	16.4	6
260	A Case Study in Catalyst Generality: Simultaneous, Highly-Enantioselective Brønsted- and Lewis-Acid Mechanisms in Hydrogen-Bond-Donor Catalyzed Oxetane Openings. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 9585-9594	16.4	7
259	Highly Enantioselective, Hydrogen-Bond-Donor Catalyzed Additions to Oxetanes. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 9175-9180	16.4	27
258	Highly Selective $\beta$ -Mannosylations and $\beta$ -Rhamnosylations Catalyzed by Bis-thiourea. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 11865-11872	16.4	22
257	Enantioselective Catalysis of an Anionic Oxy-Cope Rearrangement Enabled by Synergistic Ion Binding. <i>Israel Journal of Chemistry</i> , <b>2020</b> , 60, 461-474	3.4	5
256	Enantioselective Tail-to-Head Cyclizations Catalyzed by Dual-Hydrogen-Bond Donors. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 6951-6956	16.4	20
255	Stereospecific Furanosylations Catalyzed by Bis-thiourea Hydrogen-Bond Donors. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 4061-4069	16.4	27
254	Asymmetric Nazarov Cyclizations of Unactivated Dienones by Hydrogen-Bond-Donor/Lewis Acid Co-Catalyzed, Enantioselective Proton-Transfer. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 4092-4097 <sup>5.6</sup>	5.6	9
253	Enantioselective Aryl-Iodide-Catalyzed Wagner-Meerwein Rearrangements. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 16090-16096	16.4	25
252	Catalytic Enantioselective Synthesis of Difluorinated Alkyl Bromides. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 14831-14837	16.4	26
251	Catalytic, Enantioselective 1,2-Difluorination of Cinnamamides. <i>Organic Letters</i> , <b>2019</b> , 21, 4919-4923	6.2	51
250	Enantioselective Synthesis of $\beta$ -Allyl Amino Esters via Hydrogen-Bond-Donor Catalysis. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 11414-11419	16.4	31

249	Catalyst-Controlled Glycosylation <b>2019</b> , 801-852		4
248	A catalytic one-two punch. <i>Science</i> , <b>2019</b> , 366, 948-949	33.3	2
247	Catalytic activation of glycosyl phosphates for stereoselective coupling reactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 35-39	11.5	25
246	Quaternary stereocentres via an enantioconvergent catalytic S <sub>1</sub> reaction. <i>Nature</i> , <b>2018</b> , 556, 447-451	50.4	115
245	Catalytic Diastereo- and Enantioselective Fluoroamination of Alkenes. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 4797-4802	16.4	95
244	Concerted nucleophilic aromatic substitutions. <i>Nature Chemistry</i> , <b>2018</b> , 10, 917-923	17.6	119
243	Efficient Synthesis of Sulfinic Acid Esters and Sulfinamides via Activated Esters of p-Toluenesulfinic Acid. <i>Synthesis</i> , <b>2018</b> , 50, 4855-4866	2.9	7
242	Mechanism and Origins of Chemo- and Stereoselectivities of Aryl Iodide-Catalyzed Asymmetric Difluorinations of $\beta$ -Substituted Styrenes. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 15206-15218	16.4	61
241	Macrocyclic bis-thioureas catalyze stereospecific glycosylation reactions. <i>Science</i> , <b>2017</b> , 355, 162-166	33.3	152
240	Catalytic 1,3-Difunctionalization via Oxidative C-C Bond Activation. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 9152-9155	16.4	88
239	Sensitive and Accurate C Kinetic Isotope Effect Measurements Enabled by Polarization Transfer. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 43-46	16.4	39
238	Chiral Thioureas Promote Enantioselective Pictet-Spengler Cyclization by Stabilizing Every Intermediate and Transition State in the Carboxylic Acid-Catalyzed Reaction. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 12299-12309	16.4	73
237	Lewis acid enhancement by hydrogen-bond donors for asymmetric catalysis. <i>Science</i> , <b>2017</b> , 358, 761-764	33.3	106
236	A mixed anhydride approach to the preparation of sulfinic acid esters and allylic sulfones: Trimethylacetic p-toluenesulfinic anhydride. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 3073-3077	2	9
235	Organometallic chemistry: A new metathesis. <i>Nature Chemistry</i> , <b>2016</b> , 8, 741-2	17.6	5
234	Enantioselective Aza-Sakurai Cyclizations: Dual Role of Thiourea as H-Bond Donor and Lewis Base. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 14848-14851	16.4	42
233	Activation of Electron-Deficient Quinones through Hydrogen-Bond-Donor-Coupled Electron Transfer. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 539-44	16.4	45
232	On- and Off-Cycle Catalyst Cooperativity in Anion-Binding Catalysis. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 7860-7863	16.4	75

231	Anion-Abstraction Catalysis: The Cooperative Mechanism of $\beta$ -Chloroether Activation by Dual Hydrogen-Bond Donors. <i>ACS Catalysis</i> , <b>2016</b> , 6, 4616-4620	13.1	43
230	Synergistic Ion-Binding Catalysis Demonstrated via an Enantioselective, Catalytic [2,3]-Wittig Rearrangement. <i>ACS Central Science</i> , <b>2016</b> , 2, 416-23	16.8	36
229	Conformational Control of Chiral Amido-Thiourea Catalysts Enables Improved Activity and Enantioselectivity. <i>Organic Letters</i> , <b>2016</b> , 18, 3214-7	6.2	26
228	Catalytic, asymmetric difluorination of alkenes to generate difluoromethylated stereocenters. <i>Science</i> , <b>2016</b> , 353, 51-4	33.3	196
227	Activation of Electron-Deficient Quinones through Hydrogen-Bond-Donor-Coupled Electron Transfer. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 549-554	3.6	19
226	Advanced Synthesis & Catalysis after 15 Years: Challenges and New Opportunities for Synthetic Science. <i>Advanced Synthesis and Catalysis</i> , <b>2016</b> , 358, 2-2	5.6	
225	Die Kation- $\pi$ Wechselwirkung in der Katalyse mit niedermolekularen Verbindungen. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 12784-12814	3.6	44
224	The Cation- $\pi$ Interaction in Small-Molecule Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 12596-624	16.4	139
223	Catalytic, Diastereoselective 1,2-Difluorination of Alkenes. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 5000-3	16.4	168
222	Mechanism-Guided Development of a Highly Active Bis-thiourea Catalyst for Anion-Abstraction Catalysis. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 13525-13528	16.4	52
221	Enantioselective, Catalytic Fluorolactonization Reactions with a Nucleophilic Fluoride Source. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 13858-13861	16.4	101
220	A Simple Primary Amine Catalyst for Enantioselective $\beta$ -Hydroxylations and $\beta$ -Fluorinations of Branched Aldehydes. <i>Organic Letters</i> , <b>2015</b> , 17, 2772-5	6.2	43
219	Steve Buchwald @60. <i>Advanced Synthesis and Catalysis</i> , <b>2015</b> , 357, 2173-2174	5.6	2
218	Enantioselective synthesis of tertiary $\beta$ -chloro esters by non-covalent catalysis. <i>Tetrahedron Letters</i> , <b>2015</b> , 56, 3428-3430	2	34
217	A broadly applicable and practical oligomeric (salen) Co catalyst for enantioselective epoxide ring-opening reactions. <i>Tetrahedron</i> , <b>2014</b> , 70, 4165-4180	2.4	55
216	Catalytic asymmetric synthesis of 8-oxabicyclooctanes by intermolecular [5+2] pyrylium cycloadditions. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 5912-6	16.4	71
215	Enantioselective selenocyclization via dynamic kinetic resolution of seleniranium ions by hydrogen-bond donor catalysts. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 16485-8	16.4	76
214	Catalytic Asymmetric Synthesis of 8-Oxabicyclooctanes by Intermolecular [5+2] Pyrylium Cycloadditions. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 6022-6026	3.6	24

213	Chiral sulfinamidourea and strong Brønsted acid-cocatalyzed enantioselective Povarov reaction to access tetrahydroquinolines. <i>Nature Protocols</i> , <b>2014</b> , 9, 1860-6	18.8	19
212	Asymmetric Mannich synthesis of $\beta$ -amino esters by anion-binding catalysis. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 12872-5	16.4	49
211	Thiourea-catalyzed enantioselective addition of indoles to pyrones: alkaloid cores with quaternary carbons. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 13614-7	16.4	57
210	Highly enantioselective, intermolecular hydroamination of allenyl esters catalyzed by bifunctional phosphothioureas. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 17966-8	16.4	70
209	Photoredox Activation and Anion Binding Catalysis in the Dual Catalytic Enantioselective Synthesis of $\beta$ -Amino Esters. <i>Chemical Science</i> , <b>2014</b> , 5,	9.4	227
208	Enantioselective catalytic transannular ketone-ene reactions. <i>Organic Letters</i> , <b>2013</b> , 15, 4238-41	6.2	24
207	Chemistry. A new twist on cooperative catalysis. <i>Science</i> , <b>2013</b> , 340, 1052-3	33.3	73
206	Mechanistic basis for high stereoselectivity and broad substrate scope in the (salen)Co(III)-catalyzed hydrolytic kinetic resolution. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 15595-608	16.4	97
205	Enantioselective total synthesis of (+)-reserpine. <i>Organic Letters</i> , <b>2013</b> , 15, 706-9	6.2	53
204	Enantioselective formal aza-Diels-Alder reactions of enones with cyclic imines catalyzed by primary aminothioureas. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 1891-4	16.4	121
203	Asymmetrische Ionenpaarkatalyse. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 558-588	3.6	278
202	Asymmetric ion-pairing catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 534-61	16.4	759
201	Chiral $\beta$ -odoamines by Urea-Catalyzed Iodocyclization of Trichloroacetimidates. <i>Chemical Science</i> , <b>2013</b> , 4,	9.4	64
200	Enantioselective thiourea-catalyzed intramolecular cope-type hydroamination. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 6747-9	16.4	91
199	A practical method for the synthesis of highly enantioenriched trans-1,2-amino alcohols. <i>Organic Letters</i> , <b>2013</b> , 15, 2895-7	6.2	46
198	Application of a catalytic asymmetric Povarov reaction using chiral ureas to the synthesis of a tetrahydroquinoline library. <i>ACS Combinatorial Science</i> , <b>2012</b> , 14, 621-30	3.9	41
197	Mechanistic basis for high reactivity of (salen)Co-OTs in the hydrolytic kinetic resolution of terminal epoxides. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 2486-95	4.2	48
196	Thiourea-catalysed ring opening of episulfonium ions with indole derivatives by means of stabilizing non-covalent interactions. <i>Nature Chemistry</i> , <b>2012</b> , 4, 817-24	17.6	141

195	Organic chemistry: catalysis in tight spaces. <i>Nature</i> , <b>2012</b> , 483, 278-9	50.4	6
194	Dual catalysis in enantioselective oxidopyrylium-based [5 + 2] cycloadditions. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 14578-81	16.4	192
193	Thiourea-catalyzed enantioselective iso-Pictet-Spengler reactions. <i>Organic Letters</i> , <b>2011</b> , 13, 5564-7	6.2	91
192	Transition-state charge stabilization through multiple non-covalent interactions in the guanidinium-catalyzed enantioselective Claisen rearrangement. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 5062-75	16.4	142
191	Chiral sulfonamide/achiral sulfonic acid cocatalyzed enantioselective protonation of enol silanes. <i>Organic Letters</i> , <b>2011</b> , 13, 4260-3	6.2	42
190	Enantioselective acylation of silyl ketene acetals through fluoride anion-binding catalysis. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 13872-5	16.4	115
189	Enantioselective catalytic alpha-alkylation of aldehydes via an SN1 pathway. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 9286-8	16.4	202
188	Attractive noncovalent interactions in asymmetric catalysis: links between enzymes and small molecule catalysts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 20678-85	11.5	561
187	Enantioselective thiourea-catalyzed cationic polycyclizations. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 5030-2	16.4	271
186	Organocatalysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 20618-9	11.5	120
185	Asymmetric cooperative catalysis of strong Brønsted acid-promoted reactions using chiral ureas. <i>Science</i> , <b>2010</b> , 327, 986-90	33.3	414
184	Tertiary Aminourea-Catalyzed Enantioselective Iodolactonization. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 7490-7493	3.6	87
183	Catalytic Enantioselective Claisen Rearrangements of O-Allyl Ketooesters. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 9947-9950	3.6	51
182	An enantioselective total synthesis of (+)-peloruside A. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 6147-50	16.4	37
181	Tertiary aminourea-catalyzed enantioselective iodolactonization. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 7332-5	16.4	243
180	Catalytic enantioselective claisen rearrangements of O-allyl ketooesters. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 9753-6	16.4	122
179	Bifunctional Asymmetric Catalysis with Hydrogen Chloride: Enantioselective Ring-Opening of Aziridines Catalyzed by a Phosphinothiourea. <i>Synlett</i> , <b>2009</b> , 2009, 1680-1684	2.2	15
178	Enantioselective, thiourea-catalyzed intermolecular addition of indoles to cyclic N-acyl iminium ions. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 6328-31	16.4	110

177	Scaleable catalytic asymmetric Strecker syntheses of unnatural alpha-amino acids. <i>Nature</i> , <b>2009</b> , 461, 968-70	50.4	274
176	Weak Brønsted acid-thiourea co-catalysis: enantioselective, catalytic protio-Pictet-Spengler reactions. <i>Organic Letters</i> , <b>2009</b> , 11, 887-90	6.2	220
175	Mechanism of amido-thiourea catalyzed enantioselective imine hydrocyanation: transition state stabilization via multiple non-covalent interactions. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 15358-74	16.4	193
174	Enantioselective intramolecular openings of oxetanes catalyzed by (salen)Co(III) complexes: access to enantioenriched tetrahydrofurans. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 2786-7	16.4	137
173	Structural analysis of spiro beta-lactone proteasome inhibitors. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 14981-3	16.4	36
172	Enantioselective thiourea-catalyzed additions to oxocarbenium ions. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 7198-9	16.4	388
171	Catalytic asymmetric total synthesis of (+)-yohimbine. <i>Organic Letters</i> , <b>2008</b> , 10, 745-8	6.2	146
170	Enantioselective Claisen rearrangements with a hydrogen-bond donor catalyst. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 9228-9	16.4	208
169	Asymmetric intramolecular arylcyanation of unactivated olefins via C-CN bond activation. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 12594-5	16.4	188
168	Cooperative, highly enantioselective phosphinothiourea catalysis of imine-allene [3 + 2] cycloadditions. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 5660-1	16.4	365
167	Enantioselective catalytic carbonyl-ene cyclization reactions. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 1469-72	16.4	63
166	Dinuclear {(salen)Al} complexes display expanded scope in the conjugate cyanation of alpha,beta-unsaturated imides. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 1762-5	16.4	145
165	Regio- and enantioselective catalytic cyclization of pyrroles onto N-acyliminium ions. <i>Organic Letters</i> , <b>2008</b> , 10, 1577-80	6.2	140
164	Asymmetric catalysis of the transannular Diels-Alder reaction. <i>Science</i> , <b>2007</b> , 317, 1736-40	33.3	91
163	Small-molecule H-bond donors in asymmetric catalysis. <i>Chemical Reviews</i> , <b>2007</b> , 107, 5713-43	68.1	2117
162	Cooperative catalysis by tertiary amino-thioureas: mechanism and basis for enantioselectivity of ketone cyanosilylation. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 15872-83	16.4	189
161	Indium-mediated asymmetric allylation of acylhydrazones using a chiral urea catalyst. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 1315-7	16.4	138
160	Enantioselective alkylation of acyclic alpha,alpha-disubstituted tributyltin enolates catalyzed by a {Cr(salen)} complex. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 3701-5	16.4	90

159	Enantioselective Pictet-Spengler-type cyclizations of hydroxylactams: H-bond donor catalysis by anion binding. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 13404-5	16.4	464
158	Asymmetric catalysis by chiral hydrogen-bond donors. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 1520-43	16.4	1603
157	A chiral primary amine thiourea catalyst for the highly enantioselective direct conjugate addition of alpha,alpha-disubstituted aldehydes to nitroalkenes. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 6366-70	16.4	346
156	Catalytic Asymmetric Epoxide Ring-opening Chemistry <b>2006</b> , 229-269		51
155	Asymmetrische Katalyse durch chirale Wasserstoffbrückendonoren. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 1550-1573	3.6	529
154	A Chiral Primary Amine Thiourea Catalyst for the Highly Enantioselective Direct Conjugate Addition of $\alpha,\alpha$ -Disubstituted Aldehydes to Nitroalkenes. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 6514-6518	3.6	118
153	Highly enantioselective direct conjugate addition of ketones to nitroalkenes promoted by a chiral primary amine-thiourea catalyst. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 7170-1	16.4	418
152	Alpha,beta-unsaturated beta-silyl imide substrates for catalytic, enantioselective conjugate additions: a total synthesis of (+)-lactacystin and the discovery of a new proteasome inhibitor. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 6810-2	16.4	129
151	Preparation of (S)-Methyl Glycidate via Hydrolytic Kinetic Resolution <b>2006</b> , 162-169		4
150	Highly enantioselective conjugate additions to alpha,beta-unsaturated ketones catalyzed by a (salen)Al complex. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 1313-7	16.4	308
149	Enantioselective alkylations of tributyltin enolates catalyzed by Cr(salen)Cl: access to enantiomerically enriched all-carbon quaternary centers. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 62-3	16.4	115
148	Thiourea-catalyzed enantioselective cyanosilylation of ketones. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 8964-5	16.4	284
147	Highly enantioselective thiourea-catalyzed nitro-Mannich reactions. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 466-8	16.4	268
146	Highly enantioselective catalytic conjugate addition of N-heterocycles to alpha,beta-unsaturated ketones and imides. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 2393-7	16.4	119
145	Highly enantio- and regioselective quinone Diels-Alder reactions catalyzed by a tridentate [(Schiff Base)Cr(III)] complex. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 6043-6	16.4	59
144	Efficient total syntheses of (-)-colombiasin A and (-)-elisapterosin B: application of the Cr-catalyzed asymmetric quinone Diels-Alder reaction. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 6046-50	16.4	62
143	Enantioselective thiourea-catalyzed acyl-mannich reactions of isoquinolines. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 6700-4	16.4	242
142	Highly Enantioselective Thiourea-Catalyzed Nitro-Mannich Reactions. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 7327-7327	16.4	3



141	Highly Enantioselective Thiourea-Catalyzed Nitro-Mannich Reactions. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 470-472	3.6	85
140	Highly Enantioselective Catalytic Conjugate Addition of N-Heterocycles to $\alpha,\beta$ -Unsaturated Ketones and Imides. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 2445-2449	3.6	20
139	Highly Enantio- and Regioselective Quinone Diels-Alder Reactions Catalyzed by a Tridentate [(Schiff Base)Cr(III)] Complex. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 6197-6200	3.6	18
138	Efficient Total Syntheses of (1S)-Colombiasin A and (1S)-Elisapterosin B: Application of the Cr-Catalyzed Asymmetric Quinone Diels-Alder Reaction. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 6200-6204	3.6	26
137	Enantioselective Thiourea-Catalyzed Acyl-Mannich Reactions of Isoquinolines. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 6858-6862	3.6	92
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115	A Practical Oligomeric [(salen)Co] Catalyst for Asymmetric Epoxide Ring-Opening Reactions. <i>Angewandte Chemie</i> , <b>2002</b> , 114, 1432	3.6	52
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9	The structure of osmium tetroxide-cinchona alkaloid complexes. <i>Journal of Organic Chemistry</i> , <b>1989</b> , 54, 2263-2264	4.2	52
8	Kinetic role of the alkaloid ligands in asymmetric catalytic dihydroxylation. <i>Journal of the American Chemical Society</i> , <b>1989</b> , 111, 737-739	16.4	80
7	Rapid, reversible intramolecular carbon-hydrogen oxidative addition and hydrogen exchange in a heterodinuclear "early-late" transition metal complex. <i>Journal of the American Chemical Society</i> , <b>1988</b> , 110, 3706-3707	16.4	24
6	Asymmetric dihydroxylation via ligand-accelerated catalysis. <i>Journal of the American Chemical Society</i> , <b>1988</b> , 110, 1968-1970	16.4	584
5	Synthesis of organometallic heterodinuclear $\mu$ -oxo complexes by extrusion of alkenes from zirconium/tungsten oxoalkyl complexes. <i>Journal of the American Chemical Society</i> , <b>1986</b> , 108, 8092-8094	16.4	18
4	Synthesis and chemistry of a bridging vinylidenedicobalt complex. Evidence for a nonchain radical mechanism in its reaction with metal hydrides to give heteronuclear clusters. <i>Journal of the American Chemical Society</i> , <b>1985</b> , 107, 2023-2032	16.4	40
3	Synthesis, crystal and molecular structure, and reactions of the bridging vinylidenedicobalt complex $(\mu$ -CCH <sub>2</sub> )(CpCoCO) <sub>2</sub> . Reaction with molybdenum hydrides to give a heteronuclear cluster complex. <i>Organometallics</i> , <b>1984</b> , 3, 329-331	3.8	13
2	(1S,2R)-1-Aminoindan-2-ol	4.6	46
1	(R,R)-N,N'-Bis(3,5-di-tert-Butylsalicylidene)-1,2-Cyclohexanediamino Manganese(III) Chloride, A Highly Enantioselective Epoxidation Catalyst	1-1	1