

Erick Moran Carreira

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.

373
papers

26,381
citations

92
h-index

147
g-index

534
ext. papers

29,188
ext. citations

10.1
avg, IF

7.7
L-index

#	Paper	IF	Citations
373	Grainyhead 1 acts as a drug-inducible conserved transcriptional regulator linked to insulin signaling and lifespan.. <i>Nature Communications</i> , 2022 , 13, 107	17.4	2
372	Total Synthesis of Shearinines D and G: A Convergent Approach to Indole Diterpenoids. <i>Angewandte Chemie</i> , 2022 , 134, e202112838	3.6	0
371	Light-mediated discovery of surfaceome nanoscale organization and intercellular receptor interaction networks. <i>Nature Communications</i> , 2021 , 12, 7036	17.4	5
370	Total Synthesis of (±)-Mitrephorone A. <i>Synfacts</i> , 2021 , 17, 0014	0	0
369	Enantio- and Chemoselective Intramolecular Iridium-Catalyzed -Allylation of Oximes. <i>Organic Letters</i> , 2021 , 23, 2643-2647	6.2	7
368	Enantioselective Synthesis of Cyclic Nitrones by Chemoselective Intramolecular Allylic Alkylation of Oximes. <i>Angewandte Chemie</i> , 2021 , 133, 10001-10006	3.6	1
367	Enantioselective Synthesis of Cyclic Nitrones by Chemoselective Intramolecular Allylic Alkylation of Oximes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9913-9918	16.4	9
366	Construction of Vicinal Quaternary Centers via Iridium-Catalyzed Asymmetric Allenylic Alkylation of Racemic Tertiary Alcohols. <i>Journal of the American Chemical Society</i> , 2021 , 143, 3323-3329	16.4	17
365	Enantioselective Total Synthesis of (+)-Euphorikanin A. <i>Journal of the American Chemical Society</i> , 2021 , 143, 8261-8265	16.4	4
364	Mn- and Co-Catalyzed Aminocyclizations of Unsaturated Hydrazones Providing a Broad Range of Functionalized Pyrazolines. <i>Jacs Au</i> , 2021 , 1, 919-924	0	2
363	Mutanobactin D from the Human Microbiome: Total Synthesis, Configurational Assignment, and Biological Evaluation. <i>Journal of the American Chemical Society</i> , 2021 , 143, 10389-10402	16.4	5
362	Total Synthesis of (+)-Euphorikanin A. <i>Synfacts</i> , 2021 , 17, 0852	0	0
361	(±)-Tetrahydrocannabinol: Natural Occurrence, Chirality, and Pharmacology. <i>Journal of Natural Products</i> , 2021 , 84, 2502-2510	4.9	8
360	Optical Control of Cannabinoid Receptor 2-Mediated Ca Release Enabled by Synthesis of Photoswitchable Probes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 736-743	16.4	10
359	Synthesis of Chlorosulfolipid Natural Products. <i>Topics in Heterocyclic Chemistry</i> , 2021 , 439-465	0.2	0
358	Discovery and Surprises with Cyclizations, Cycloadditions, Fragmentations, and Rearrangements in Complex Settings. <i>Accounts of Chemical Research</i> , 2021 , 54, 890-902	24.3	2
357	Catalytic asymmetric and stereodivergent oligonucleotide synthesis. <i>Science</i> , 2021 , 371, 702-707	33.3	23

356	Azoacetylenes for the Synthesis of Arylazotriazole Photoswitches. <i>Journal of the American Chemical Society</i> , 2021 , 143, 14495-14501	16.4	6
355	Allene C(sp)-H Activation and Alkenylation Catalyzed by Palladium.. <i>Journal of the American Chemical Society</i> , 2021 , 143, 21705-21712	16.4	2
354	Ring-fused cyclobutanes cycloisomerization of alkylidenecyclopropane acylsilanes. <i>Chemical Science</i> , 2020 , 11, 5294-5298	9.4	1
353	Derailed Ohira-Bestmann Reaction of α -Unsaturated Aldehydes for the Stereoselective Synthesis of Cyclopenta[c]pyrazoles. <i>Helvetica Chimica Acta</i> , 2020 , 103, e2000058	2	5
352	Confronting Racism in Chemistry Journals. <i>ACS Applied Nano Materials</i> , 2020 , 3, 6131-6133	5.6	
351	Confronting Racism in Chemistry Journals. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 2496-2498	4.3	
350	Ir-Catalyzed Enantioconvergent Synthesis of Diversely Protected Allenylic Amines Employing Ammonia Surrogates. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16404-16408	16.4	6
349	Ir-Catalyzed Enantioconvergent Synthesis of Diversely Protected Allenylic Amines Employing Ammonia Surrogates. <i>Angewandte Chemie</i> , 2020 , 132, 16546	3.6	
348	Confronting Racism in Chemistry Journals. <i>Organometallics</i> , 2020 , 39, 2331-2333	3.8	
347	Update to Our Reader, Reviewer, and Author CommunitiesApril 2020. <i>Energy & Fuels</i> , 2020 , 34, 5107-5108	4.1	
346	Molecular Recognition and Cocrystallization of Methylated and Halogenated Fragments of Danicalipin A by Enantiopure Allenic-Acetylenic Cage Receptors. <i>Journal of the American Chemical Society</i> , 2020 , 142, 4749-4755	16.4	7
345	Enantioselective Iridium-Catalyzed β -Allylation with Aqueous Solutions of Acetaldehyde. <i>Organic Letters</i> , 2020 , 22, 1135-1138	6.2	4
344	Highly Selective, Amine-Derived Cannabinoid Receptor 2 Probes. <i>Chemistry - A European Journal</i> , 2020 , 26, 1380-1387	4.8	10
343	The Serendipitous Discovery of a Rose Odorant. <i>Chimia</i> , 2020 , 74, 247-251	1.3	2
342	Update to Our Reader, Reviewer, and Author CommunitiesApril 2020. <i>Organometallics</i> , 2020 , 39, 1665-1666	1.6	
341	Structure-function relationships of HDL in diabetes and coronary heart disease. <i>JCI Insight</i> , 2020 , 5,	9.9	30
340	Confronting Racism in Chemistry Journals. <i>Journal of Chemical Health and Safety</i> , 2020 , 27, 198-200	1.7	
339	Total Synthesis and Structural Revision of a Harziane Diterpenoid. <i>Angewandte Chemie</i> , 2020 , 132, 1208-1212	3.2	2

338	Total Synthesis and Structural Revision of a Harziane Diterpenoid. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 1192-1196	16.4	11
337	Pyridinium Salts as Redox-Active Functional Group Transfer Reagents. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9264-9280	16.4	96
336	Pyridiniumsalze als redoxaktive Reagenzien zur Bertragung funktioneller Gruppen. <i>Angewandte Chemie</i> , 2020 , 132, 9350-9366	3.6	12
335	Total Synthesis of (-)-Mitrephorone A Enabled by Stereoselective Nitrile Oxide Cycloaddition and Tetrasubstituted Olefin Synthesis. <i>Journal of the American Chemical Society</i> , 2020 , 142, 17802-17809	16.4	12
334	Cyclopentenone Prostaglandins and Structurally Related Oxidized Lipid Species Instigate and Share Distinct Pro- and Anti-inflammatory Pathways. <i>Cell Reports</i> , 2020 , 30, 4399-4417.e7	10.6	12
333	Modern Catalytic Enantioselective Approaches to Piperidines 2020 , 249-271		
332	Electrophilic Nrf2 activators and itaconate inhibit inflammation at low dose and promote IL-1 β production and inflammatory apoptosis at high dose. <i>Redox Biology</i> , 2020 , 36, 101647	11.3	17
331	Asymmetric Catalysis Mediated by Synthetic Peptides, Version 2.0: Expansion of Scope and Mechanisms. <i>Chemical Reviews</i> , 2020 , 120, 11479-11615	68.1	43
330	Catalytic Dynamic Kinetic Resolutions in Tandem to Construct Two-Axis Terphenyl Atropisomers. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16461-16470	16.4	25
329	Activation of Copper Species on Carbon Nitride for Enhanced Activity in the Arylation of Amines. <i>ACS Catalysis</i> , 2020 , 10, 11069-11080	13.1	12
328	Development of High-Specificity Fluorescent Probes to Enable Cannabinoid Type 2 Receptor Studies in Living Cells. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16953-16964	16.4	12
327	Palladiumkatalysierte C-H-Alkinylierung unaktivierter Alkene. <i>Angewandte Chemie</i> , 2020 , 132, 7892-7896	3.6	10
326	Palladium-Catalyzed C-H Alkynylation of Unactivated Alkenes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 7818-7822	16.4	34
325	Reversible Spatiotemporal Control of Induced Protein Degradation by Bistable PhotoPROTACs. <i>ACS Central Science</i> , 2019 , 5, 1682-1690	16.8	87
324	Iridium-Catalyzed Asymmetric Synthesis of Functionally Rich Molecules Enabled by (Phosphoramidite, Olefin) Ligands. <i>Accounts of Chemical Research</i> , 2019 , 52, 2657-2672	24.3	139
323	Morpholine Ketene Aminal as Amide Enolate Surrogate in Iridium-Catalyzed Asymmetric Allylic Alkylation. <i>Angewandte Chemie</i> , 2019 , 131, 9637-9641	3.6	5
322	Stereochemical Revision, Total Synthesis, and Solution State Conformation of the Complex Chlorosulfolipid Mytilipin B. <i>Journal of the American Chemical Society</i> , 2019 , 141, 10510-10519	16.4	15
321	Morpholine Ketene Aminal as Amide Enolate Surrogate in Iridium-Catalyzed Asymmetric Allylic Alkylation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9537-9541	16.4	19

320	Palladium-Catalyzed Regioselective C-H Iodination of Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2019 , 141, 8758-8763	16.4	38
319	The Journal of Organic Chemistry Global Enterprise. <i>Journal of Organic Chemistry</i> , 2019 , 84, 4953	4.2	1
318	Iridium-Catalyzed Enantioselective Allylic Substitution with Aqueous Solutions of Nucleophiles. <i>Journal of the American Chemical Society</i> , 2019 , 141, 12212-12218	16.4	32
317	Gold(i)-catalyzed stereoselective cyclization of 1,3-enyne aldehydes by a 1,3-acyloxy migration/Nazarov cyclization/aldol addition cascade. <i>Chemical Science</i> , 2019 , 10, 8219-8223	9.4	16
316	Asymmetric Synthesis of the Tricyclooctane Core of Trachylobane Natural Products and Related Terpenoids. <i>Organic Letters</i> , 2019 , 21, 8705-8707	6.2	6
315	The Catalytic, Enantioselective Favorskii Reaction: In Situ Formation of Metal Alkynylides and Their Additions to Aldehydes 2019 , 207-254		
314	Coordination-Induced Stereocontrol over Carbocations: Asymmetric Reductive Deoxygenation of Racemic Tertiary Alcohols. <i>Journal of the American Chemical Society</i> , 2019 , 141, 4738-4748	16.4	29
313	Total Synthesis of (±)-Merochlorin A. <i>Angewandte Chemie</i> , 2019 , 131, 2512-2516	3.6	4
312	Organic Letters 2.0: A New Beginning. <i>Organic Letters</i> , 2019 , 21, 1-4	6.2	2
311	Total Synthesis of (-)-Merochlorin A. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2490-2494	16.4	15
310	Pyridyl Radical Cation for C-H Amination of Arenes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 526-531	16.4	53
309	Allenlylic Carbonates in Enantioselective Iridium-Catalyzed Alkylations. <i>Journal of the American Chemical Society</i> , 2018 , 140, 4697-4704	16.4	43
308	HATRIC-based identification of receptors for orphan ligands. <i>Nature Communications</i> , 2018 , 9, 1519	17.4	35
307	Divergent Control of Point and Axial Stereogenicity: Catalytic Enantioselective C-N Bond-Forming Cross-Coupling and Catalyst-Controlled Atroposelective Cyclodehydration. <i>Angewandte Chemie</i> , 2018 , 130, 6359-6363	3.6	21
306	Divergent Control of Point and Axial Stereogenicity: Catalytic Enantioselective C-N Bond-Forming Cross-Coupling and Catalyst-Controlled Atroposelective Cyclodehydration. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6251-6255	16.4	69
305	Selective Photoaffinity Probe That Enables Assessment of Cannabinoid CB Receptor Expression and Ligand Engagement in Human Cells. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6067-6075	16.4	46
304	Trimethyl Orthoacetate and Ethylene Glycol Mono-Vinyl Ether as Enolate Surrogates in Enantioselective Iridium-Catalyzed Allylation. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7654-7658	16.4	24
303	Total Synthesis of Epicolactone. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13159-13162	16.4	15

302	Synthesis and Structure-Activity Relationship Studies of Anti-Inflammatory Epoxyisoprostane Analogues. <i>Organic Letters</i> , 2018 , 20, 3014-3016	6.2	3
301	Total Synthesis of Epicolactone. <i>Angewandte Chemie</i> , 2018 , 130, 13343-13346	3.6	5
300	Total Synthesis of (+)-Sarcophytin. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 823-826	16.4	16
299	Total Synthesis of (+)-Sarcophytin. <i>Angewandte Chemie</i> , 2018 , 130, 831-834	3.6	7
298	Total Synthesis of (-)-Mitrephorone A. <i>Journal of the American Chemical Society</i> , 2018 , 140, 16704-16710	16.4	37
297	[1,3]-Sigmatropic Shift of an Allylic Chloride. <i>Helvetica Chimica Acta</i> , 2018 , 101, e1800148	2	2
296	Pyridyl Radical Cation for C-H Amination of Arenes. <i>Angewandte Chemie</i> , 2018 , 131, 536	3.6	
295	Identification of biologically active β -lactone eicosanoids as paraoxonase substrates. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 505, 87-92	3.4	16
294	Uncovering the psychoactivity of a cannabinoid from liverworts associated with a legal high. <i>Science Advances</i> , 2018 , 4, eaat2166	14.3	37
293	Unconventional Rose Odorants: Serendipitous Discovery and Unique Olfactory Properties of 2,2-Bis(prenyl)-3-oxobutyronitrile and Its Derivatives. <i>Synthesis</i> , 2018 , 50, 4490-4500	2.9	2
292	Trimethyl Orthoacetate and Ethylene Glycol Mono-Vinyl Ether as Enolate Surrogates in Enantioselective Iridium-Catalyzed Allylation. <i>Angewandte Chemie</i> , 2018 , 130, 7780-7784	3.6	11
291	Aqueous Instability of β -Fluorobutylpiperidines. <i>ChemMedChem</i> , 2017 , 12, 431-437	3.7	1
290	Enantioselective Addition of Alkynes to β,β -Dichlorinated Aldehydes. <i>Organic Letters</i> , 2017 , 19, 743-745	6.2	9
289	Partially fluorinated alkoxy groups \square Conformational adaptors to changing environments. <i>Journal of Fluorine Chemistry</i> , 2017 , 198, 34-46	2.1	39
288	Study of Intermediates in Iridium-(Phosphoramidite,Olefin)-Catalyzed Enantioselective Allylic Substitution. <i>Journal of the American Chemical Society</i> , 2017 , 139, 3603-3606	16.4	96
287	Enantioselective Chemo- and Biocatalysis: Partners in Retrosynthesis. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8942-8973	16.4	172
286	Enantioselective Chemo- und Biokatalyse: Partner in der Retrosynthese. <i>Angewandte Chemie</i> , 2017 , 129, 9068-9100	3.6	62
285	Oxetanyl Amino Acids for Peptidomimetics. <i>Organic Letters</i> , 2017 , 19, 2510-2513	6.2	23

284	Cyclopropanation Strategies in Recent Total Syntheses. <i>Chemical Reviews</i> , 2017 , 117, 11651-11679	68.1	284
283	Enantio- and Diastereoselective Spiroketalization Catalyzed by Chiral Iridium Complex. <i>Journal of the American Chemical Society</i> , 2017 , 139, 8082-8085	16.4	71
282	Enantioselective Iridium-Catalyzed Allylic Cyclizations. <i>Organic Letters</i> , 2017 , 19, 3235-3238	6.2	50
281	Stereodivergence in Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5627-5638	16.4	240
280	Bicyclo[3.2.0]heptane as a Core Structure for Conformational Locking of 1,3-Bis-Pharmacophores, Exemplified by GABA. <i>Chemistry - A European Journal</i> , 2017 , 23, 3126-3138	4.8	6
279	Total Synthesis of (-)-Rhazinilam and Formal Synthesis of (+)-Eburenine and (+)-Aspidospermidine: Asymmetric Cu-Catalyzed Propargylic Substitution. <i>Organic Letters</i> , 2017 , 19, 5529-5532	6.2	53
278	Total Synthesis and Stereochemical Assignment of (+)-BroussonetineH. <i>Organic Letters</i> , 2017 , 19, 5533-5536	6.2	19
277	Stereoselective Synthesis of Piperidines by Iridium-Catalyzed Cyclocondensation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11515-11519	16.4	29
276	Total Synthesis of (+)-Dendrowardol C. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 10890-10893	16.4	7
275	Total Synthesis of (+)-Dendrowardol C. <i>Angewandte Chemie</i> , 2017 , 129, 11030-11033	3.6	
274	Stereoselective Synthesis of Piperidines by Iridium-Catalyzed Cyclocondensation. <i>Angewandte Chemie</i> , 2017 , 129, 11673-11677	3.6	12
273	Stereochemistry and biological activity of chlorinated lipids: a study of danicalipin A and selected diastereomers. <i>Chemical Science</i> , 2017 , 8, 6904-6910	9.4	12
272	Synthesis of Photoswitchable Δ^8 -Tetrahydrocannabinol Derivatives Enables Optical Control of Cannabinoid Receptor 1 Signaling. <i>Journal of the American Chemical Society</i> , 2017 , 139, 18206-18212	16.4	61
271	Effect of Partially Fluorinated N-Alkyl-Substituted Piperidine-2-carboxamides on Pharmacologically Relevant Properties. <i>ChemMedChem</i> , 2016 , 11, 2216-2239	3.7	38
270	Biological Investigations of (+)-Danicalipin A Enabled Through Synthesis. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 639-43	16.4	30
269	Bioisosteric Exchange of C -Chloro and Methyl Substituents: Synthesis and Initial Biological Studies of Atpenin A5 Analogues. <i>Angewandte Chemie</i> , 2016 , 128, 4117-4121	3.6	6
268	Synthesis and Biological Evaluation of Bromo- and Fluorodanicalipin A. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2555-8	16.4	31
267	Enantioselective Total Synthesis of Terreumols A and C from the Mushroom <i>Tricholoma terreum</i> . <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2916-9	16.4	10

266	A Unified Strategy to Plakortin Pentalenes: Total Syntheses of (±)-Gracilioethers E and F. <i>Organic Letters</i> , 2016 , 18, 220-3	6.2	19
265	Formation of β -SF5-Enolate Enables Preparation of 3-SF5-Quinolin-2-ones, 3-SF5-Quinolines, and 3-SF5-Pyridin-2-ones: Evaluation of their Physicochemical Properties. <i>Angewandte Chemie</i> , 2016 , 128, 2153-2157	3.6	10
264	Enantioselective Totalsynthese der Terreumole A und C aus dem Pilz <i>Tricholoma terreum</i> . <i>Angewandte Chemie</i> , 2016 , 128, 2969-2972	3.6	3
263	Formation of β -SF5-Enolate Enables Preparation of 3-SF5-Quinolin-2-ones, 3-SF5-Quinolines, and 3-SF5-Pyridin-2-ones: Evaluation of their Physicochemical Properties. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2113-7	16.4	40
262	Bioisosteric Exchange of Csp ³ -Chloro and Methyl Substituents: Synthesis and Initial Biological Studies of Atpenin A5 Analogues. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 4049-53	16.4	15
261	Biological Investigations of (+)-Danicalipin A Enabled Through Synthesis. <i>Angewandte Chemie</i> , 2016 , 128, 649-653	3.6	11
260	Synthesis and Biological Evaluation of Bromo- and Fluorodanicalipin A. <i>Angewandte Chemie</i> , 2016 , 128, 2601-2604	3.6	4
259	Rh-Catalyzed Stereospecific Synthesis of Allenes from Propargylic Benzoates and Arylboronic Acids. <i>Organic Letters</i> , 2016 , 18, 2174-6	6.2	41
258	Structural and Conformational Aspects of Equatorial and Axial Trifluoromethyl, Difluoromethyl, and Monofluoromethyl Groups. <i>Chemistry - A European Journal</i> , 2016 , 22, 16920-16928	4.8	12
257	Novel SF5-Anilines and SF5-Aryl Ethers from SF5-Substituted Potassium Aryl Trifluoroborates. <i>Synlett</i> , 2015 , 26, 737-740	2.2	11
256	Addition of Trifluoroborates to Oxetanyl N,O-Acetals: Entry into Spiro and Fused Saturated Heterocycles. <i>Organic Letters</i> , 2015 , 17, 3350-3	6.2	25
255	Stereochemical studies of the opening of chloro vinyl epoxides: cyclic chloronium ions as intermediates. <i>Organic Letters</i> , 2015 , 17, 1878-81	6.2	24
254	Iridium-catalyzed enantioselective allylic alkylation with functionalized organozinc bromides. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7644-7	16.4	76
253	Formaldehyde N,N-dialkylhydrazones as neutral formyl anion equivalents in iridium-catalyzed asymmetric allylic substitution. <i>Journal of the American Chemical Society</i> , 2015 , 137, 5296-9	16.4	93
252	Total Synthesis of Gelsemoxonine through a Spirocyclopropane Isoxazolidine Ring Contraction. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6084-96	16.4	65
251	Fluorination Patterning: A Study of Structural Motifs That Impact Physicochemical Properties of Relevance to Drug Discovery. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 9041-60	8.3	130
250	Synthesis and Biological Evaluation of Chlorinated Analogs of Leukotoxin Diol. <i>Organic Letters</i> , 2015 , 17, 5602-5	6.2	11
249	Pentafulvene for the Synthesis of Complex Natural Products: Total Syntheses of (±)-Pallambins A and B. <i>Angewandte Chemie</i> , 2015 , 127, 11379-11382	3.6	11

248	A Unified Strategy to 6-5-6-5-6-Membered Epipolythiodiketopiperazines: Studies towards the Total Synthesis of Scabrosin Diacetate and Haematocin. <i>Chemistry - A European Journal</i> , 2015 , 21, 12475-80	4.8	4
247	Total Synthesis of Prostaglandin 15d-PGJ(2) and Investigation of its Effect on the Secretion of IL-6 and IL-12. <i>Organic Letters</i> , 2015 , 17, 4340-3	6.2	29
246	Total synthesis of (±)-hippolachnin A. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 2378-82	16.4	72
245	Phospholipid oxidation generates potent anti-inflammatory lipid mediators that mimic structurally related pro-resolving eicosanoids by activating Nrf2. <i>EMBO Molecular Medicine</i> , 2015 , 7, 593-607	12	63
244	Stereodivergent Dual Catalytic β -Allylation of Protected β -Amino- and β -Hydroxyacetaldehydes. <i>Angewandte Chemie</i> , 2015 , 127, 14571-14575	3.6	61
243	Pentafulvene for the synthesis of complex natural products: total syntheses of (±)-pallambins A and B. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 11227-30	16.4	47
242	Iridium-Catalyzed Enantioselective Allylic Alkylation with Functionalized Organozinc Bromides. <i>Angewandte Chemie</i> , 2015 , 127, 7754-7757	3.6	30
241	Stereodivergent Dual Catalytic β -Allylation of Protected β -Amino- and β -Hydroxyacetaldehydes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 14363-7	16.4	154
240	Total Synthesis of (±)-Hippolachnin A. <i>Angewandte Chemie</i> , 2015 , 127, 2408-2412	3.6	21
239	Evaluation of tert-butyl isosteres: case studies of physicochemical and pharmacokinetic properties, efficacies, and activities. <i>ChemMedChem</i> , 2015 , 10, 461-9	3.7	97
238	Iridium-catalyzed enantioselective allyl-alkene coupling. <i>Journal of the American Chemical Society</i> , 2014 , 136, 3006-9	16.4	116
237	Access to the aeruginosin serine protease inhibitors through the nucleophilic opening of an oxabicyclo[2.2.1]heptane: total synthesis of microcin SF608. <i>Chemistry - A European Journal</i> , 2014 , 20, 6071-80	4.8	19
236	Stereodivergent β -allylation of linear aldehydes with dual iridium and amine catalysis. <i>Journal of the American Chemical Society</i> , 2014 , 136, 3020-3	16.4	281
235	Autotandem catalysis with ruthenium: remote hydroesterification of allylic amides. <i>Organic Letters</i> , 2014 , 16, 572-5	6.2	34
234	Mechanistic insight into the spirocyclopropane isoxazolidine ring contraction. <i>Organic Letters</i> , 2014 , 16, 960-3	6.2	22
233	Ir-catalyzed reverse prenylation of 3-substituted indoles: total synthesis of (+)-aszonalenin and (-)-brevicompanine B. <i>Journal of the American Chemical Society</i> , 2014 , 136, 16756-9	16.4	94
232	Iridium-catalyzed enantioselective allyl-allylsilane cross-coupling. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 10759-62	16.4	75
231	Efficient synthesis strategies by application of transition metal-catalyzed carbene/nitrene insertions into C-H bonds. <i>Natural Product Reports</i> , 2014 , 31, 449-55	15.1	54

230	Oxetanyl peptides: novel peptidomimetic modules for medicinal chemistry. <i>Organic Letters</i> , 2014 , 16, 4070-3	6.2	44
229	Stereodivergent total synthesis of Δ^9 -tetrahydrocannabinols. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13898-901	16.4	99
228	Four-membered ring-containing spirocycles: synthetic strategies and opportunities. <i>Chemical Reviews</i> , 2014 , 114, 8257-322	68.1	336
227	Amine-selective bioconjugation using arene diazonium salts. <i>Organic Letters</i> , 2014 , 16, 3908-11	6.2	27
226	An efficient synthesis strategy to the core structure of 6-5-6-5-6-membered epipolythiodiketopiperazines. <i>Organic Letters</i> , 2014 , 16, 2854-7	6.2	13
225	Adventures in drug-like chemistry space: from oxetanes to spiroazetidines and beyond!. <i>Chimia</i> , 2014 , 68, 492-9	1.3	21
224	Stereodivergent Total Synthesis of Δ^9 -Tetrahydrocannabinols. <i>Angewandte Chemie</i> , 2014 , 126, 14118-14126	13.6	32
223	Iridium-Catalyzed Enantioselective Allyl-Allylsilane Cross-Coupling. <i>Angewandte Chemie</i> , 2014 , 126, 10935-10938	3.6	88
222	Discovery of a highly potent anti-inflammatory epoxyisoprostane-derived lactone. <i>Journal of the American Chemical Society</i> , 2014 , 136, 17382-5	16.4	22
221	Synthesis and stability of oxetane analogs of thalidomide and lenalidomide. <i>Organic Letters</i> , 2013 , 15, 4312-5	6.2	54
220	Total synthesis of (+)-croto-goudin. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 11168-71	16.4	69
219	Construction of multifunctional modules for drug discovery: synthesis of novel thia/oxa-azaspiro[3.4]octanes. <i>Organic Letters</i> , 2013 , 15, 4766-9	6.2	44
218	Ir-catalyzed preparation of SF ₅ -substituted potassium aryl trifluoroborates via C-H borylation and their application in the Suzuki-Miyaura reaction. <i>Organic Letters</i> , 2013 , 15, 5147-9	6.2	39
217	Enantio- and diastereodivergent dual catalysis: Δ^9 -allylation of branched aldehydes. <i>Science</i> , 2013 , 340, 1065-8	33.3	599
216	Total synthesis of (+)-asperolide C by iridium-catalyzed enantioselective polyene cyclization. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12166-9	16.4	84
215	Ring expansion of 3-oxetanone-derived spirocycles: facile synthesis of saturated nitrogen heterocycles. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 11908-11	16.4	70
214	Iridium-catalyzed enantioselective allylic vinylation. <i>Journal of the American Chemical Society</i> , 2013 , 135, 994-7	16.4	203
213	Amphotericin B increases influenza A virus infection by preventing IFITM3-mediated restriction. <i>Cell Reports</i> , 2013 , 5, 895-908	10.6	78

212	Tactics and Strategies in the Total Synthesis of Chlorosulfolipids 2013 , 353-361		
211	Photocatalytic synthesis of allylic trifluoromethyl substituted styrene derivatives in batch and flow. <i>Organic Letters</i> , 2013 , 15, 1634-7	6.2	102
210	On the polarity of partially fluorinated methyl groups. <i>Journal of Fluorine Chemistry</i> , 2013 , 152, 119-128	2.1	69
209	Synthesis of epoxyisoprostanes: effects in reducing secretion of pro-inflammatory cytokines IL-6 and IL-12. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 5382-5	16.4	38
208	Ruthenium-catalyzed intramolecular hydrocarbonylation of allylic formamides: convenient access to chiral pyrrolidones. <i>Journal of the American Chemical Society</i> , 2013 , 135, 6814-7	16.4	45
207	Total synthesis of (⊕)-Gelsemoxonine. <i>Journal of the American Chemical Society</i> , 2013 , 135, 8500-3	16.4	85
206	Iridium-catalyzed enantioselective allylic alkynylation. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 7532-5	16.4	120
205	Homologative Trifluoromethylation of Acetals. <i>Synthesis</i> , 2013 , 45, 1857-1862	2.9	18
204	Total Synthesis of (+)-Asperolide C by Iridium-Catalyzed Enantioselective Polyene Cyclization. <i>Angewandte Chemie</i> , 2013 , 125, 12388-12391	3.6	33
203	Totalsynthese von (+)-Crotogoudin. <i>Angewandte Chemie</i> , 2013 , 125, 11375-11379	3.6	18
202	Total synthesis of bafilomycin A1. <i>Chemistry - A European Journal</i> , 2012 , 18, 3598-610	4.8	20
201	Iridium-catalyzed enantioselective polyene cyclization. <i>Journal of the American Chemical Society</i> , 2012 , 134, 20276-8	16.4	172
200	Preparation of trifluoromethyl-substituted aziridines with in situ generated CF ₃ CHN ₂ . <i>Organic Letters</i> , 2012 , 14, 1900-1	6.2	75
199	Iron-catalyzed cyclopropanation with glycine ethyl ester hydrochloride in water. <i>Organic Letters</i> , 2012 , 14, 2162-3	6.2	48
198	Total synthesis and stereochemical revision of the chlorinated sesquiterpene (⊕)-gomerone c. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 13066-9	16.4	62
197	Direct identification of ligand-receptor interactions on living cells and tissues. <i>Nature Biotechnology</i> , 2012 , 30, 997-1001	44.5	123
196	Total Synthesis and Stereochemical Revision of the Chlorinated Sesquiterpene (⊕)-Gomerone C. <i>Angewandte Chemie</i> , 2012 , 124, 13243-13246	3.6	20
195	Cyclohexyne cycloinsertion in the divergent synthesis of guanacastepenes. <i>Chemistry - A European Journal</i> , 2012 , 18, 15761-71	4.8	24

194	Nonlinear Effects with Diastereomeric Ligand Mixtures in Enantioselective, Catalytic Additions of Terminal Alkynes Involving Copper-BINAP Complexes. <i>ACS Catalysis</i> , 2012 , 2, 1232-1234	13.1	24
193	Expanding the azaspiro[3.3]heptane family: synthesis of novel highly functionalized building blocks. <i>Organic Letters</i> , 2012 , 14, 66-9	6.2	71
192	pH-Independent transfer hydrogenation in water: catalytic, enantioselective reduction of β -keto esters. <i>Organic Letters</i> , 2012 , 14, 4522-4	6.2	42
191	Recent Advances in the Total Synthesis of Chlorosulfolipids. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 1685-1698	3.2	69
190	Direct, enantioselective iridium-catalyzed allylic amination of racemic allylic alcohols. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 3470-3	16.4	175
189	Direkte, enantioselektive Iridium-katalysierte allylische Aminierung von racemischen Allylalkoholen. <i>Angewandte Chemie</i> , 2012 , 124, 3527-3530	3.6	61
188	Total Synthesis of (±)-Dendrobine. <i>Angewandte Chemie</i> , 2012 , 124, 3492-3495	3.6	7
187	Totalsynthese und stereochemische Strukturberichtigung von (±)-Indoxamycin B. <i>Angewandte Chemie</i> , 2012 , 124, 3531-3534	3.6	33
186	Arynes and cyclohexyne in natural product synthesis. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 3766-78	16.4	402
185	Total synthesis of (-)-dendrobine. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 3436-9	16.4	29
184	Total synthesis and stereochemical reassignment of (±)-indoxamycin B. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 3474-7	16.4	76
183	Enantioselective allylic thioetherification: the effect of phosphoric acid diester on iridium-catalyzed enantioconvergent transformations. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8652-5	16.4	91
182	Iron-catalyzed cyclopropanation in 6 M KOH with in situ generation of diazomethane. <i>Science</i> , 2012 , 335, 1471-4	33.3	152
181	One-pot synthesis of novel photochromic oxazine compounds. <i>Organic Letters</i> , 2011 , 13, 5084-7	6.2	16
180	Synthesis of novel angular spirocyclic azetidines. <i>Organic Letters</i> , 2011 , 13, 780-3	6.2	52
179	Expedient preparation of trifluoromethyl-substituted benzofuranols. <i>Organic Letters</i> , 2011 , 13, 5984-5	6.2	45
178	Iron-catalyzed preparation of trifluoromethyl substituted vinyl- and alkynylcyclopropanes. <i>Organic Letters</i> , 2011 , 13, 3080-1	6.2	108
177	-based Configuration Analysis: An Enabling NMR-Spectroscopic Tool in the Synthesis and Study of Chlorinated Natural Products. <i>Chimia</i> , 2011 , 65, 814	1.3	2

176	Synthesis of novel azaspiro[3.4]octanes as multifunctional modules in drug discovery. <i>Organic Letters</i> , 2011 , 13, 6134-6	6.2	39
175	Enantioselective Allylethersynthese: selektive Kupplung von zwei Alkoholen. <i>Angewandte Chemie</i> , 2011 , 123, 5683-5686	3.6	46
174	Synthese von Undecachlorsulfolipid A: Reevaluierung der nominalen Struktur. <i>Angewandte Chemie</i> , 2011 , 123, 8087-8091	3.6	25
173	Totalsynthese von (+)-Daphmanidin E. <i>Angewandte Chemie</i> , 2011 , 123, 11703-11707	3.6	31
172	Enantioselective cobalt-catalyzed preparation of trifluoromethyl-substituted cyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 1101-4	16.4	161
171	Asymmetric autocatalysis enables an improved synthesis of efavirenz. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 2957-61	16.4	82
170	Total syntheses of guanacastepenes N and O. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 2962-6.4	16.4	45
169	Enantioselective allylic etherification: selective coupling of two unactivated alcohols. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 5568-71	16.4	129
168	Cascade formation of isoxazoles: facile base-mediated rearrangement of substituted oxetanes. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 5379-82	16.4	71
167	Synthesis of undecachlorsulfolipid A: re-evaluation of the nominal structure. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7940-3	16.4	61
166	Iridium diamine catalyst for the asymmetric transfer hydrogenation of ketones. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8979-81	16.4	68
165	Synthesis of trifluoroethyl-substituted ketones from aldehydes and cyclohexanones. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 9085-8	16.4	119
164	Catalytic asymmetric intramolecular hydroacylation with rhodium/phosphoramidite-alkene ligand complexes. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 10670-4	16.4	77
163	Total synthesis of (+)-daphmanidin E. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11501-5	16.4	136
162	Cobalt-catalyzed coupling of alkyl iodides with alkenes: deprotonation of hydridocobalt enables turnover. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11125-8	16.4	170
161	Towards the synthesis of massadine: a unified strategy for the stereoselective synthesis of the carbocyclic C,D-ring subunit. <i>Chemistry - A European Journal</i> , 2011 , 17, 12405-16	4.8	23
160	Probing the role of the mycosamine C2OH on the activity of amphotericin B. <i>Organic Letters</i> , 2011 , 13, 1390-3	6.2	44
159	Ugi-4-component reaction enabling rapid access to the core fragment of massadine. <i>Organic Letters</i> , 2011 , 13, 78-81	6.2	38

158	Synthesis and biological evaluation of amphotericin B derivatives. <i>Natural Product Reports</i> , 2010 , 27, 1329-49	15.1	86
157	Stereospecific substitution of allylic alcohols to give optically active primary allylic amines: unique reactivity of a (P,alkene)Ir complex modulated by iodide. <i>Journal of the American Chemical Society</i> , 2010 , 132, 11917-9	16.4	139
156	Facile formation of N-acyl-oxazolidinone derivatives using acid fluorides. <i>Organic Letters</i> , 2010 , 12, 4102-5	6.2	35
155	Oxetanes in drug discovery: structural and synthetic insights. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 3227-46	8.3	280
154	Transfer hydrogenation in water: enantioselective, catalytic reduction of alpha-cyano and alpha-nitro substituted acetophenones. <i>Organic Letters</i> , 2010 , 12, 2893-5	6.2	98
153	Synthesis of Microcin SF608 through nucleophilic opening of an oxabicyclo[2.2.1]heptane. <i>Organic Letters</i> , 2010 , 12, 3950-3	6.2	27
152	Differential interaction of an AmB analogue and ergosterol in enantiomeric membranes. <i>Organic Letters</i> , 2010 , 12, 1772-5	6.2	9
151	Synthesis and structural analysis of a new class of azaspiro[3.3]heptanes as building blocks for medicinal chemistry. <i>Organic Letters</i> , 2010 , 12, 1944-7	6.2	84
150	Cycloaddition Reactions 2010 , 43-82		9
149	Active amphotericin B derivatives position the mycosamine in two radial orientations. <i>ChemBioChem</i> , 2010 , 11, 778-81	3.8	5
148	Total Synthesis of Nominal Banyaside B: Structural Revision of the Glycosylation Site. <i>Angewandte Chemie</i> , 2010 , 122, 9415-9418	3.6	10
147	Probing the biology of natural products: molecular editing by diverted total synthesis. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9592-628	16.4	145
146	Iron-catalyzed cyclopropanation with trifluoroethylamine hydrochloride and olefins in aqueous media: in situ generation of trifluoromethyl diazomethane. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 938-41	16.4	222
145	Synthesis of azaspirocycles and their evaluation in drug discovery. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 3524-7	16.4	155
144	Oxetanes as versatile elements in drug discovery and synthesis. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9052-67	16.4	295
143	Rhodium-catalyzed cyclopropanation of alkynes: synthesis of trifluoromethyl-substituted cyclopropenes. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4294-6	16.4	126
142	Cyclohexyne cycloinsertion by an annulative ring expansion cascade. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4092-5	16.4	43
141	Total synthesis of nominal banyaside B: structural revision of the glycosylation site. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9229-32	16.4	24

140	Synthesis of (3-Chlorobutyl)benzene by the Cobalt-Catalyzed Hydrochlorination of 4-Phenyl-1-Butene 2010 , 88-94		1
139	Catalytic Decarbonylation of Epoxyaldehydes: Applications to the Preparation of Terminal Epoxides. <i>Synlett</i> , 2009 , 2009, 2076-2078	2.2	2
138	Synthesis and biophysical studies on 35-deoxy amphotericin B methyl ester. <i>Chemistry - A European Journal</i> , 2009 , 15, 7117-28	4.8	38
137	Polyketide building blocks via diastereoselective nitrile oxide cycloadditions with homoallylic alcohols and monoprotected homoallylic diols. <i>Chemistry - A European Journal</i> , 2009 , 15, 12065-81	4.8	24
136	Synthesis and investigation of tryptophan-amphotericin B conjugates. <i>ChemBioChem</i> , 2009 , 10, 1617-20	3.8	9
135	Structure determination of slowly exchanging conformers in solution using high-resolution NMR, computational modeling and DFT-GIAO chemical shielding: application to an erythronolide A derivative. <i>Magnetic Resonance in Chemistry</i> , 2009 , 47, 909-16	2.1	6
134	Total synthesis of bafilomycin A1. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 578-81	16.4	55
133	Nucleophilic opening of oxabicyclic ring systems. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 6296-9	16.4	22
132	Total synthesis of a chlorosulpholipid cytotoxin associated with seafood poisoning. <i>Nature</i> , 2009 , 457, 573-6	50.4	132
131	Transfer hydrogenation in water: enantioselective, catalytic reduction of (E)-beta,beta-disubstituted nitroalkenes. <i>Organic Letters</i> , 2009 , 11, 4196-8	6.2	77
130	Beta-glycosidation of sterically hindered alcohols. <i>Organic Letters</i> , 2009 , 11, 1305-7	6.2	20
129	Rapid formation of complexity in the total synthesis of natural products enabled by oxabicyclo[2.2.1]heptene building blocks. <i>Chemical Society Reviews</i> , 2009 , 38, 3222-41	58.5	48
128	Stereoselective synthesis of erythronolide A via nitrile oxide cycloadditions and related studies. <i>Journal of Organic Chemistry</i> , 2009 , 74, 8695-712	4.2	40
127	Cobalt catalyzed functionalization of unactivated alkenes: regioselective reductive C-C bond forming reactions. <i>Journal of the American Chemical Society</i> , 2009 , 131, 13214-5	16.4	103
126	Conformational and configurational analysis in the study and synthesis of chlorinated natural products. <i>Journal of the American Chemical Society</i> , 2009 , 131, 15866-76	16.4	91
125	2,6-Diazaspiro[3.3]heptanes: synthesis and application in Pd-catalyzed aryl amination reactions. <i>Organic Letters</i> , 2008 , 10, 3525-6	6.2	57
124	Synthesis and in vitro biological properties of novel cationic derivatives of amphotericin B. <i>Chemistry - A European Journal</i> , 2008 , 14, 2465-81	4.8	30
123	Chiral olefins as steering ligands in asymmetric catalysis. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4482-502	16.4	465

122	Spirocyclic oxetanes: synthesis and properties. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4512-4514	16.4	156
121	Synthesis of 35-deoxy amphotericin B methyl ester: a strategy for molecular editing. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4335-8	16.4	49
120	Synthesis and biological studies of 35-deoxy amphotericin B methyl ester. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4339-42	16.4	37
119	Catalytic hydrochlorination of unactivated olefins with para-toluenesulfonyl chloride. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 5758-60	16.4	141
118	Enantioselective synthesis of the carbocyclic D-ring subunit of massadine. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8514-7	16.4	34
117	Enantioselective synthesis of the core of banyaside, suomilide, and spumigin HKVV. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8852-5	16.4	36
116	A novel strategy for bioconjugation: synthesis and preliminary evaluation with amphotericin B. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 1339-42	3.9	15
115	Enantioselective Reduction of Nitroalkene Mixtures by in Situ Equilibration. <i>Organic Process Research and Development</i> , 2007 , 11, 633-636	3.9	26
114	Hydroxyl-directed nitrile oxide cycloaddition reactions with cyclic allylic alcohols. <i>Organic Letters</i> , 2007 , 9, 3857-8	6.2	28
113	Oligothiophene-linked bisnaphthopyrans: sequential and temperature-dependent photochromism. <i>Chemistry - A European Journal</i> , 2007 , 13, 2671-85	4.8	19
112	Pd-catalyzed cleavage of benzylic nitro bonds: new opportunities for asymmetric synthesis. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2078-81	16.4	29
111	Iridium-catalyzed synthesis of primary allylic amines from allylic alcohols: sulfamic acid as ammonia equivalent. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 3139-43	16.4	344
110	Mild cobalt-catalyzed hydrocyanation of olefins with tosyl cyanide. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4519-22	16.4	168
109	Cu(I)-catalyzed conjugate addition of ethyl propiolate. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4964-7	16.4	60
108	Enantioselective preparation of 1,1-diarylethanes: aldehydes as removable steering groups for asymmetric synthesis. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 9331-4	16.4	107
107	Cobalt-Catalyzed Synthesis of Tertiary Azides from β,β -Disubstituted Olefins under Mild Conditions Using Commercially Available Reagents. <i>Synthesis</i> , 2007 , 2007, 3839-3845	2.9	13
106	Stereoselective Conjugate Addition Reactions Using In Situ Metallated Terminal Alkynes and the Development of Novel Chiral P,N-Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2007 , 80, 1635-1657 ^{5.1}	5.1	71
105	Multiple plasma membrane receptors but not NPC1L1 mediate high-affinity, ezetimibe-sensitive cholesterol uptake into the intestinal brush border membrane. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2007 , 1771, 1140-7	5	42

104	Conformationally restricted aza-BODIPY: highly fluorescent, stable near-infrared absorbing dyes. <i>Chemistry - A European Journal</i> , 2006 , 12, 7254-63	4.8	222
103	Synthesis of (+/-)-strychnofoline via a highly convergent selective annulation reaction. <i>Chemistry - A European Journal</i> , 2006 , 12, 8208-19	4.8	71
102	Oxetanes as promising modules in drug discovery. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7736-9	16.4	177
101	Iridium-catalyzed enantioselective synthesis of allylic alcohols: silanolates as hydroxide equivalents. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 6204-7	16.4	121
100	Amphotericin B: 50 Years of Chemistry and Biochemistry. <i>Synthesis</i> , 2006 , 2006, 0914-0942	2.9	12
99	Highly enantioselective access to primary propargylamines: 4-piperidinone as a convenient protecting group. <i>Organic Letters</i> , 2006 , 8, 2437-40	6.2	149
98	Hydrazines and azides via the metal-catalyzed hydrohydrazination and hydroazidation of olefins. <i>Journal of the American Chemical Society</i> , 2006 , 128, 11693-712	16.4	312
97	Biologically active amphotericin B-calix[4]arene conjugates. <i>Bioconjugate Chemistry</i> , 2006 , 17, 1460-3	6.3	41
96	Significant improvement of antifungal activity of polyene macrolides by bisalkylation of the mycosamine. <i>Organic Letters</i> , 2006 , 8, 1807-9	6.2	56
95	Synthesis and photochromism of novel phenylene-linked photochromic bispyrans. <i>Organic Letters</i> , 2006 , 8, 99-102	6.2	57
94	Carbohydrate sulfonyl chlorides for simple, convenient access to glycoconjugates. <i>Organic Letters</i> , 2005 , 7, 1145-8	6.2	32
93	Cobalt-catalyzed hydroazidation of olefins: convenient access to alkyl azides. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8294-5	16.4	195
92	Cobalt-catalyzed hydrohydrazination of dienes and enynes: access to allylic and propargylic hydrazides. <i>Organic Letters</i> , 2005 , 7, 4249-52	6.2	75
91	ZnCl ₂ -mediated stereoselective addition of terminal alkynes to D-(+)-mannofuranosyl nitrones. <i>Organic Letters</i> , 2005 , 7, 5329-30	6.2	31
90	Thiazolylalanine-derived catalysts for enantioselective intermolecular aldehyde-imine cross-couplings. <i>Journal of the American Chemical Society</i> , 2005 , 127, 1654-5	16.4	157
89	Reduction of 2,3-dihydroisoxazoles to beta-amino ketones and beta-amino alcohols. <i>Organic Letters</i> , 2005 , 7, 5741-2	6.2	59
88	Asymmetric synthesis of 3,3-diarylpropanals with chiral diene-rhodium catalysts. <i>Journal of the American Chemical Society</i> , 2005 , 127, 10850-1	16.4	246
87	Heterocyclic ring scaffolds as small-molecule cholesterol absorption inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 3514-23	3.9	27

86	Solid-phase synthesis of photochromic spiropyrans. <i>Organic Letters</i> , 2005 , 7, 1609-12	6.2	9
85	Synthesis and in vitro evaluation of inhibitors of intestinal cholesterol absorption. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 6035-53	8.3	69
84	Total synthesis of (-)-spirotryprostatin B: synthesis and related studies. <i>Journal of the American Chemical Society</i> , 2005 , 127, 11505-15	16.4	250
83	Catalytic, enantioselective, conjugate alkyne addition. <i>Journal of the American Chemical Society</i> , 2005 , 127, 9682-3	16.4	168
82	A modular approach to polyketide building blocks: cycloadditions of nitrile oxides and homoallylic alcohols. <i>Organic Letters</i> , 2005 , 7, 2011-4	6.2	28
81	Catalytic asymmetric synthesis with rh-diene complexes: 1,4-addition of arylboronic acids to unsaturated esters. <i>Organic Letters</i> , 2005 , 7, 3821-4	6.2	142
80	Conformationally restricted aza-bodipy: a highly fluorescent, stable, near-infrared-absorbing dye. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 1677-9	16.4	239
79	Convenient transformation of optically active nitroalkanes into chiral aldoximes and nitriles. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 612-5	16.4	114
78	1,2,4-oxadiazolidinones as configurationally stable chiral building blocks. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 936-8	16.4	27
77	Total synthesis of erythronolide A by Mg(II)-mediated cycloadditions of nitrile oxides. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 4036-8	16.4	54
76	Total Synthesis of Erythronolide A by MgII-Mediated Cycloadditions of Nitrile Oxides. <i>Angewandte Chemie</i> , 2005 , 117, 4104-4106	3.6	22
75	Addition of Terminal Acetylides to C?O and C?N Electrophiles 2005 , 101-138		22
74	Infrared spectroscopic investigations on the metallation of terminal alkynes by Zn(OTf) ₂ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 5843-5	11.5	62
73	Convenient synthesis of alkylhydrazides by the cobalt-catalyzed hydrohydrazination reaction of olefins and azodicarboxylates. <i>Journal of the American Chemical Society</i> , 2004 , 126, 5676-7	16.4	138
72	An in vitro assay for evaluation of small-molecule inhibitors of cholesterol absorption. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 4653-6	16.4	34
71	An amphotericin B-fluorescein conjugate as a powerful probe for biochemical studies of the membrane. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5181-5	16.4	47
70	Catalytic hydrohydrazination of a wide range of alkenes with a simple mn complex. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 4099-102	16.4	108
69	Readily available biaryl P,N ligands for asymmetric catalysis. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5971-3	16.4	316

68	Readily Available Biaryl P,N Ligands for Asymmetric Catalysis. <i>Angewandte Chemie</i> , 2004 , 116, 6097-6099	3.6	103
67	Convenient catalytic, enantioselective conjugate reduction of nitroalkenes using Cu ₂ . <i>Organic Letters</i> , 2004 , 6, 4575-7	6.2	104
66	Amphotericin B as a potential probe of the physical state of vesicle membranes. <i>Organic Letters</i> , 2004 , 6, 3683-6	6.2	22
65	Readily available [2.2.2]-bicyclooctadienes as new chiral ligands for Ir(I): catalytic, kinetic resolution of allyl carbonates. <i>Journal of the American Chemical Society</i> , 2004 , 126, 1628-9	16.4	391
64	Diastereoselective zinc-catalyzed conjugate addition of alkynes. <i>Organic Letters</i> , 2004 , 6, 2281-3	6.2	38
63	Chiral [2.2.2] dienes as ligands for Rh(I) in conjugate additions of boronic acids to a wide range of acceptors. <i>Organic Letters</i> , 2004 , 6, 3873-6	6.2	258
62	Mild cleavage of aryl mesylates: methanesulfonate as potent protecting group for phenols. <i>Organic Letters</i> , 2004 , 6, 1513-4	6.2	40
61	Stereochemically rich pentaketides from bis(isoxazolines): a general strategy for efficient polyketide synthesis. <i>Organic Letters</i> , 2004 , 6, 2485-8	6.2	43
60	Zn-alkynylide additions to acyl iminiums. <i>Organic Letters</i> , 2004 , 6, 1497-9	6.2	84
59	Catalytic Enantioselective Conjugate Reduction of β -Disubstituted Nitroalkenes. <i>Angewandte Chemie</i> , 2003 , 115, 4941-4943	3.6	58
58	Catalytic enantioselective conjugate reduction of beta,beta-disubstituted nitroalkenes. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 4793-5	16.4	144
57	Total synthesis of (-)-spirotryprostatin B. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 694-6	16.4	125
56	Enantioselective total synthesis of (R)-strongyloidiols A and B. <i>Tetrahedron</i> , 2003 , 59, 6813-6817	2.4	76
55	Leucascandrolide a: synthesis and related studies. <i>Journal of Organic Chemistry</i> , 2003 , 68, 9274-83	4.2	107
54	Asymmetric conjugate addition reactions of Meldrum acid derived acceptors employing chiral phosphoramidite ligands. <i>Organic Letters</i> , 2003 , 5, 4557-8	6.2	46
53	Facile one-pot synthesis of photochromic pyrans. <i>Organic Letters</i> , 2003 , 5, 4153-4	6.2	75
52	The first conjugate addition reaction of terminal alkynes catalytic in copper: conjugate addition of alkynes in water. <i>Journal of the American Chemical Society</i> , 2003 , 125, 6054-5	16.4	135
51	First Synthesis of Optically Pure Propargylic N-Hydroxylamines by Direct, Highly Diastereoselective Addition of Terminal Alkynes to Nitrones. <i>Angewandte Chemie</i> , 2002 , 114, 3180	3.6	23

50	First synthesis of optically pure propargylic N-hydroxylamines by direct, highly diastereoselective addition of terminal alkynes to nitrones. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3054-6	16.4	110
49	Total synthesis of leucascandrolide A. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 4098-101	16.4	107
48	Efficient asymmetric synthesis of 1-alk-2-yne-1,4-diols. <i>Tetrahedron</i> , 2002 , 58, 8341-8344	2.4	28
47	First total synthesis of (+/-)-strychnofoline via a highly selective ring-expansion reaction. <i>Journal of the American Chemical Society</i> , 2002 , 124, 14826-7	16.4	136
46	A smart photochromophore through synergistic coupling of photochromic subunits. <i>Journal of the American Chemical Society</i> , 2002 , 124, 1582-3	16.4	46
45	Efficient enantioselective additions of terminal alkynes and aldehydes under operationally convenient conditions. <i>Organic Letters</i> , 2002 , 4, 2605-6	6.2	226
44	A General Solution to the Modular Synthesis of Polyketide Building Blocks by Kanemasa Hydroxy-Directed Nitrile Oxide Cycloadditions. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 2082-2085 ^{16.4}	16.4	109
43	A simple, mild, catalytic, enantioselective addition of terminal acetylenes to aldehydes. <i>Journal of the American Chemical Society</i> , 2001 , 123, 9687-8	16.4	418
42	Direct addition of TMS-acetylene to aldimines catalyzed by a simple, commercially available Ir(I) complex. <i>Organic Letters</i> , 2001 , 3, 4319-21	6.2	233
41	Asymmetric synthesis of gamma-hydroxy alpha,beta-unsaturated aldehydes via enantioselective direct addition of propargyl acetate to aldehydes. <i>Organic Letters</i> , 2001 , 3, 3017-20	6.2	112
40	Stereoselective syntheses of epothilones A and B via nitrile oxide cycloadditions and related studies. <i>Journal of Organic Chemistry</i> , 2001 , 66, 6410-24	4.2	124
39	Stereoselective syntheses of epothilones A and B via directed nitrile oxide cycloaddition. <i>Journal of the American Chemical Society</i> , 2001 , 123, 3611-2	16.4	124
38	A mild and chemoselective method for the reduction of conjugated isoxazolines to beta-hydroxy ketones. <i>Organic Letters</i> , 2001 , 3, 1587-90	6.2	90
37	Facile Enantioselective Synthesis of Propargylic Alcohols by Direct Addition of Terminal Alkynes to Aldehydes. <i>Journal of the American Chemical Society</i> , 2000 , 122, 1806-1807	16.4	523
36	Enantioselective Synthesis of the Cyclopentyl Core of the Axinellamines. <i>Journal of the American Chemical Society</i> , 2000 , 122, 8793-8794	16.4	99
35	The discovery of novel reactivity in the development of C-C bond-forming reactions: in situ generation of zinc acetylides with Zn(II)/R(3)N. <i>Accounts of Chemical Research</i> , 2000 , 33, 373-81	24.3	377
34	Enantioselective addition of 2-methyl-3-butyn-2-ol to aldehydes: preparation of 3-hydroxy-1-butyne. <i>Organic Letters</i> , 2000 , 2, 4233-6	6.2	160
33	Catalytic in Situ Generation of Zn(II)-Alkynilides under Mild Conditions: A Novel CN Addition Process Utilizing Terminal Acetylenes. <i>Journal of the American Chemical Society</i> , 1999 , 121, 11245-11246 ^{16.4}	16.4	207

32	Total Synthesis of Bryostatin 2. <i>Journal of the American Chemical Society</i> , 1999 , 121, 7540-7552	16.4	241
31	Facile, Novel Methodology for the Synthesis of Spiro[pyrrolidin-3,3?-oxindoles]: Catalyzed Ring Expansion Reactions of Cyclopropanes by Aldimines 1999 , 38, 3186		4
30	Catalytic, enantioselective acetate aldol additions to β,β -unsaturated aldehydes: Preparation of optically active propargylic alcohols. <i>Tetrahedron</i> , 1998 , 54, 7025-7032	2.4	24
29	Nucleophilic additions to a spiro[2,4]hepta-4,6-diene 4-nitrile: Synthesis of 1,2-disubstituted cyclopentenes. <i>Tetrahedron Letters</i> , 1998 , 39, 5675-5678	2	4
28	Convergent synthesis of the amphotericin polyol subunit employing asymmetric dienolate addition reactions. <i>Tetrahedron Letters</i> , 1998 , 39, 7013-7016	2	42
27	Titanium fluoride complexes as catalysts for the enantioselective addition of Me ₃ Al to aldehydes. <i>Tetrahedron Letters</i> , 1998 , 39, 9593-9596	2	76
26	Apparent Catalytic Generation of Chiral Metal Enolates: Enantioselective Dienolate Additions to Aldehydes Mediated by Tol-BINAP[Cu(II) Fluoride Complexes. <i>Journal of the American Chemical Society</i> , 1998 , 120, 837-838	16.4	235
25	Asymmetric Dipolar Cycloadditions of Me ₃ SiCHN ₂ . Synthesis of a Novel Class of Amino Acids: Azaprolines. <i>Journal of the American Chemical Society</i> , 1997 , 119, 8379-8380	16.4	80
24	Enantioselective Synthesis of ent-Stelletamide A via a Novel Dipolar Cycloaddition Reaction of (Trimethylsilyl)diazomethane. <i>Journal of Organic Chemistry</i> , 1997 , 62, 7916-7917	4.2	45
23	Asymmetric Photocycloadditions with an Optically Active Allenylsilane: β -Trimethylsilyl as a Removable Stereocontrolling Group for the Enantioselective Synthesis of exo-Methylenecyclobutanes. <i>Journal of the American Chemical Society</i> , 1997 , 119, 2597-2605	16.4	69
22	Novel, Stereoselective Synthesis of 2-Amino Saccharides. <i>Journal of the American Chemical Society</i> , 1997 , 119, 3179-3180	16.4	99
21	Enantioselective allene/enone photocycloadditions: The use of an inexpensive optically active 1,3-disubstituted allene. <i>Tetrahedron</i> , 1997 , 53, 16253-16276	2.4	25
20	An in situ procedure for catalytic, enantioselective acetate aldol addition. Application to the synthesis of (R)-ephedrine. <i>Tetrahedron Letters</i> , 1997 , 38, 927-930	2	30
19	Synthesis of substituted tetrahydrofuranones and tetrahydropyranones: Photocycloaddition/fragmentation reactions of dioxinones. <i>Tetrahedron Letters</i> , 1997 , 38, 5579-5582	2	8
18	Mechanistic implications of stereospecific 1,5-hydrogen-atom transfer in the formation of an unusual allene/enoate photoproduct. <i>Tetrahedron Letters</i> , 1997 , 38, 8789-8792	2	2
17	Advances in catalytic, enantioselective aldol addition reactions with novel Ti(IV) complexes. <i>Drug Discovery Today</i> , 1996 , 1, 145-150	8.8	11
16	Diastereoselective acetylide additions to a [3.2.1]-dioxabicyclooctanone: Installation of the C(4) stereocenter of (+)-zaragozic acid C. <i>Tetrahedron Letters</i> , 1995 , 36, 1209-1212	2	10
15	Total Synthesis of (+)-Trehazolin: Optically Active Spirocycloheptadienes as Useful Precursors for the Synthesis of Amino Cyclopentitols. <i>Journal of the American Chemical Society</i> , 1995 , 117, 11811-11812	16.4	53

14	Catalytic, Enantioselective Acetone Aldol Additions with 2-Methoxypropene. <i>Journal of the American Chemical Society</i> , 1995 , 117, 3649-3650	16.4	170
13	(+)-Zaragozic Acid C: Synthesis and Related Studies. <i>Journal of the American Chemical Society</i> , 1995 , 117, 8106-8125	16.4	128
12	Metal versus silyl triflate catalysis in the Mukaiyama aldol addition reaction. <i>Tetrahedron Letters</i> , 1994 , 35, 4323-4326	2	92
11	Catalytic, Enantioselective Aldol Additions with Methyl and Ethyl Acetate O-Silyl Enolates: A Chiral Tridentate Chelate as a Ligand for Titanium(IV). <i>Journal of the American Chemical Society</i> , 1994 , 116, 8837-8838	16.4	237
10	Synthesis of (+)-Zaragozic Acid C. <i>Journal of the American Chemical Society</i> , 1994 , 116, 10825-10826	16.4	75
9	Control of remote enoate geometry in the bryostatins with a tethered horner-wadsworth-emmons reagent. <i>Tetrahedron Letters</i> , 1990 , 31, 4703-4706	2	36
8	Directed reduction of .beta.-hydroxy ketones employing tetramethylammonium triacetoxyborohydride. <i>Journal of the American Chemical Society</i> , 1988 , 110, 3560-3578	16.4	833
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