

Erik V Van Der Eycken

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.

335
papers

11,024
citations

50
h-index

89
g-index

464
ext. papers

12,413
ext. citations

6.8
avg, IF

6.86
L-index

#	Paper	IF	Citations
335	Pd-Catalyzed Ring Restructuring of Oxazolidines with Alkenes Leading to Fused Polycyclic Indolizines.. <i>Organic Letters</i> , 2022 ,	6.2	1
334	A continuous-flow protocol for photoredox-catalyzed multicomponent Petasis reaction.. <i>STAR Protocols</i> , 2022 , 3, 101162	1.4	0
333	Green Synthesis of Heterocycles Via MCRs 2022 , 163-209		1
332	Recent Applications of Multicomponent Reactions Toward Heterocyclic Drug Discovery 2022 , 339-409		1
331	Multicomponent-Switched Reactions in Synthesis of Heterocycles 2022 , 287-338		
330	Recent Trends in Metal-catalyzed MCRs Toward Heterocycles 2022 , 551-582		1
329	CBI Functionalization as an Imperative Tool Toward Multicomponent Synthesis and Modification of Heterocycles 2022 , 239-285		
328	Multicomponent Reactions in Medicinal Chemistry 2022 , 91-137		2
327	Heterocycles as Inputs in MCRs : An Update 2022 , 1-43		1
326	Transition metal-free selective CBI bond cleavage of Ugi-adducts for rapid preparation of peptidomimetics. <i>Green Chemistry</i> , 2022 , 24, 2783-2787	10	0
325	Multicomponent reactions and photo/electrochemistry join forces: atom economy meets energy efficiency.. <i>Chemical Society Reviews</i> , 2022 ,	58.5	12
324	Direct Access to 4-Substituted Isoquinolones via a Sequential Pd-Catalyzed Cyclization/Base-Promoted Aromatization/Ring-Opening of N-Propargyl-1,3-oxazolidines. <i>Molecular Catalysis</i> , 2022 , 522, 112231	3.3	0
323	Late-stage diversification of peptidomimetics and oligopeptides via gold-catalyzed post-Ugi cyclization. <i>Molecular Catalysis</i> , 2022 , 522, 112240	3.3	1
322	Microwave-Assisted Post-Ugi Reactions for the Synthesis of Polycycles. <i>Molecules</i> , 2022 , 27, 3105	4.8	2
321	Palladium-catalyzed post-Ugi arylative dearomatization/Michael addition cascade towards plicamine analogues. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 9752-9757	3.9	1
320	Recent Advances in the Synthesis and Ring-Opening Transformations of 2-Oxazolidinones. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 5168	5.6	1
319	Photochemical and Electrochemical Strategies towards Benzylic CBI Functionalization: A Recent Update. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 1810-1834	5.6	14

3 ¹⁸	Chemoselective Peptide Backbone Diversification and Bioorthogonal Ligation by Ruthenium-Catalyzed C≡N Activation/Annulation. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 3297	5.6	3
3 ¹⁷	An Improved 2-Aminoimidazole Based Anti-Biofilm Coating for Orthopedic Implants: Activity, Stability, and Biocompatibility. <i>Frontiers in Microbiology</i> , 2021 , 12, 658521	5.7	1
3 ¹⁶	Microwave-Assisted Cu(I)-Catalyzed Synthesis of Unsymmetrical 1,4-Diamino-2-butyne via Cross-A-Coupling/Decarboxylative A-Coupling. <i>Journal of Organic Chemistry</i> , 2021 , 86, 14036-14043	4.2	5
3 ¹⁵	Palladium-Catalyzed Domino Synthesis of 2,3-Difunctionalized Indoles via Migratory Insertion of Isocyanides in Batch and Continuous Flow. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 3220	5.6	3
3 ¹⁴	Palladium-Catalyzed Arylative Dearomatization and Subsequent Aromatization/Dearomatization/Aza-Michael Addition: Access to Zephyrcarinate and Zephygranditine Skeletons. <i>Organic Letters</i> , 2021 , 23, 5065-5070	6.2	8
3 ¹³	Switchable Mono- and Dipropargylation of Amino Alcohols: A Unique Property of the Iodide Anion in Controlling Ring-Opening Alkynylation. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 3676-3680 ^{3,2}	3.2	4
3 ¹²	Transition Metal-Catalyzed Intermolecular Cascade C-H Activation/Annulation Processes for the Synthesis of Polycycles. <i>Chemistry - A European Journal</i> , 2021 , 27, 121-144	4.8	25
3 ¹¹	2-Aminoimidazoles as potent inhibitors of contaminating brewery biofilms. <i>Biofouling</i> , 2021 , 37, 61-77	3.3	
3 ¹⁰	On-resin multicomponent protocols for biopolymer assembly and derivatization. <i>Nature Protocols</i> , 2021 , 16, 561-578	18.8	8
3 ⁰⁹	Preparation of Cu cluster catalysts by simultaneous cooling/microwave heating: application in radical cascade annulation. <i>Nanoscale Advances</i> , 2021 , 3, 1087-1095	5.1	0
3 ⁰⁸	Unlocking the Accessibility of Alkyl Radicals from Boronic Acids through Solvent-Assisted Organophotoredox Activation. <i>ACS Catalysis</i> , 2021 , 11, 10862-10870	13.1	8
3 ⁰⁷	Microwave-Assisted Palladium-Catalyzed Reductive Cyclization/Ring-Opening/Aromatization Cascade of Oxazolidines to Isoquinolines. <i>Organic Letters</i> , 2021 , 23, 6578-6582	6.2	7
3 ⁰⁶	Rapid construction of C4-substituted phenanthridinones through palladium-catalyzed domino N-arylation/aryl-aryl coupling process. <i>Molecular Catalysis</i> , 2021 , 513, 111766	3.3	
3 ⁰⁵	Alkylation of in situ generated imines via photoactivation of strong aliphatic C-H bonds. <i>Molecular Catalysis</i> , 2021 , 514, 111841	3.3	1
3 ⁰⁴	Synthetic Strategies in the Preparation of Phenanthridinones. <i>Molecules</i> , 2021 , 26,	4.8	2
3 ⁰³	Photoredox-catalyzed multicomponent Petasis reaction in batch and continuous flow with alkyl boronic acids. <i>IScience</i> , 2021 , 24, 103134	6.1	5
3 ⁰²	Recent Developments in Transition-Metal Catalyzed Direct C-H Alkenylation, Alkylation, and Alkynylation of Azoles. <i>Molecules</i> , 2020 , 25,	4.8	10
3 ⁰¹	Ligand-Enabled Palladium-Catalyzed Through-Space C-H Bond Activation via a Carbopalladation/1,4-Pd Migration/C-H Functionalization Sequence. <i>Chemistry - A European Journal</i> , 2020 , 26, 14075-14079	4.8	4

300	Unusual Transformations of Cyclic Allenes with an Enamine Moiety into Complex Frameworks. <i>Synlett</i> , 2020 , 31, 672-676	2.2	3
299	Peptide macrocyclization by transition metal catalysis. <i>Chemical Society Reviews</i> , 2020 , 49, 2039-2059	58.5	43
298	Continuous Microwave-Assisted Synthesis of Silver Nanoclusters Confined in Mesoporous SBA-15: Application in Alkyne Cyclizations. <i>Chemistry of Materials</i> , 2020 , 32, 2874-2883	9.6	12
297	Four-Component One-Pot Process Involving Passerini Reaction Followed by Aldol Addition and Transesterification. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 3378-3389	3.2	3
296	Metal-Free Decarboxylative A3-Coupling/Pictet-Spengler Cascade Accessing Polycyclic Scaffolds: Propiolic Acids Exceed Alkynes. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 1695-1699	3.2	9
295	Pyridine-Enabled C-N Bond Activation for the Rapid Construction of Amides and 4-Pyridylglyoxamides by Cooperative Palladium/Copper Catalysis. <i>Journal of Organic Chemistry</i> , 2020 , 85, 8045-8054	4.2	3
294	Silver(I) Triflate-Catalyzed Protocol for the Post-Ugi Synthesis of Spiroindolines. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 261-268	5.6	15
293	Inhibiting bacterial cooperation is an evolutionarily robust anti-biofilm strategy. <i>Nature Communications</i> , 2020 , 11, 107	17.4	43
292	Photoredox-Catalyzed Hydrosulfonylation of Arylallenes. <i>Journal of Organic Chemistry</i> , 2020 , 85, 2250-2259	2.5	16
291	Ruthenium-catalyzed cascade C-H activation/annulation of -alkoxybenzamides: reaction development and mechanistic insight. <i>Chemical Science</i> , 2020 , 11, 11562-11569	9.4	15
290	Sequential and direct multicomponent reaction (MCR)-based dearomatization strategies. <i>Chemical Society Reviews</i> , 2020 , 49, 8721-8748	58.5	40
289	Photochemical methods for deuterium labelling of organic molecules. <i>Green Chemistry</i> , 2020 , 22, 7725-7736	7.6	15
288	A Gold(I)-Catalyzed Hydroamination/Cycloisomerization Cascade: Concise Synthesis of (-)-seco-Antofine and (-)-Septicine. <i>Organic Letters</i> , 2020 , 22, 8441-8445	6.2	8
287	Synthesis and anti-inflammatory activity evaluation of novel chroman derivatives. <i>New Journal of Chemistry</i> , 2020 , 44, 13716-13727	3.6	1
286	Access to Polycyclic Azepino[5,4,3]indoles via a Gold-Catalyzed Post-Ugi Dearomatization Cascade. <i>Journal of Organic Chemistry</i> , 2020 , 85, 15092-15103	4.2	11
285	Synthesis of Pyrrolo[1,2-]isoquinolines via Gold(I)-Catalyzed Cyclization/Enyne Cycloisomerization/1,2-Migration Cascade. <i>Organic Letters</i> , 2020 , 22, 6537-6542	6.2	5
284	CuCu and Ag-isocyanobenzoates as novel 1D semiconducting coordination oligomers. <i>Dalton Transactions</i> , 2020 , 49, 12432-12440	4.3	0
283	Metal-Free Decarboxylation of β,β -Unsaturated Carboxylic Acids for Carbon-Carbon and Carbon-Heteroatom Coupling Reactions. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 1780-1792	4.9	19

282	Microwave-Assisted Synthesis of Fluorescent Pyrido[2,3-]indolizines from Alkylpyridinium Salts and Enaminones. <i>Molecules</i> , 2020 , 25,	4.8	2
281	Aldehydes: magnificent acyl equivalents for direct acylation. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 7987-8033	3.9	14
280	Validation of an ultra-high-performance liquid chromatography-mass spectrometry method for the quantification of cysteinylated aldehydes and application to malt and beer samples. <i>Journal of Chromatography A</i> , 2019 , 1604, 460467	4.5	3
279	Iron(II)-Catalyzed Heck-Type Coupling of Vinylarenes with Alkyl Iodides. <i>Organic Letters</i> , 2019 , 21, 776-779	6.2	15
278	Novel (2-amino-4-arylimidazolyl)propanoic acids and pyrrolo[1,2-]imidazoles via the domino reactions of 2-amino-4-arylimidazoles with carbonyl and methylene active compounds. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 1032-1045	2.5	1
277	Facile construction of diverse polyheterocyclic scaffolds via gold-catalysed dearomative spirocyclization/1,6-addition cascade. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 6284-6292	3.9	16
276	Three-Component Reaction of 3-Arylidene-3-Indolium Salts, Isocyanides, and Alcohols. <i>Frontiers in Chemistry</i> , 2019 , 7, 345	5	0
275	Modular Access to Diverse Bridged Indole Alkaloid Mimics via a Gold-Triggered Cascade Dearomative Spirocarbocyclization/[4 + 2] Cycloaddition Sequence. <i>Organic Letters</i> , 2019 , 21, 4469-4474	6.2	32
274	Doebner-type pyrazolopyridine carboxylic acids in an Ugi four-component reaction. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 1281-1288	2.5	2
273	Chemo- and Regioselective Catalyst-Controlled Carbocyclization of Alkynyl Ketones: Rapid Synthesis of 1-Indanones and 1-Naphthols. <i>Chemistry - A European Journal</i> , 2019 , 25, 7645-7648	4.8	18
272	Intramolecular cascade annulation triggered by rhodium(III)-catalyzed sequential C(sp)-H activation and C(sp)-H amination. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 571-576	2.5	6
271	Heterogeneously Catalyzed Synthesis of Imidazolones via Cycloisomerizations of Propargylic Ureas Using Ag and Au/Al SBA-15 Systems. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 5568-5575	8.3	16
270	Diversification of Peptidomimetics and Oligopeptides through Microwave-Assisted Rhodium(III)-Catalyzed Intramolecular Annulation. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 4442-4447	5.6	10
269	Synthetic Access to Secondary Propargylamines via a Copper-Catalyzed Oxidative Deamination/Alkynylation Cascade. <i>Journal of Organic Chemistry</i> , 2019 , 84, 10501-10508	4.2	10
268	Visible light-mediated chemistry of indoles and related heterocycles. <i>Chemical Society Reviews</i> , 2019 , 48, 4401-4423	58.5	114
267	Combining the Ugi-azide multicomponent reaction and rhodium(III)-catalyzed annulation for the synthesis of tetrazole-isoquinolone/pyridone hybrids. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 2447-2457	2.5	5
266	Recent approaches to the synthesis of 2H-azirines. <i>Chemistry of Heterocyclic Compounds</i> , 2019 , 55, 795-804	8.1	6
265	A gold-triggered dearomative spirocarbocyclization/Diels-Alder reaction cascade towards diverse bridged N-heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 9529-9536	3.9	12

264	Divergent Access to Imidazopyrazinones and Imidazodiazepinones by Regioswitchable Post-Ugi Heteroannulation. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 7678-7685	3.2	3
263	An antibiofilm coating of 5-aryl-2-aminoimidazole covalently attached to a titanium surface. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019 , 107, 1908-1919	3.5	9
262	Retraction of "Iron-Catalyzed Three-Component Reaction: Synthesis of Fluoroalkylated 2 H-Azirines". <i>Organic Letters</i> , 2019 , 21, 850	6.2	1
261	Intramolecular cascade annulation triggered by CH activation via rhodium hydride intermediate. <i>Molecular Catalysis</i> , 2019 , 463, 30-36	3.3	11
260	Metal-Free Dearomatization: Direct Access to Spiroindol(en)ines in Batch and Continuous-Flow. <i>Chemistry - A European Journal</i> , 2019 , 25, 2442-2446	4.8	22
259	Recent advances in spirocyclization of indole derivatives. <i>Chemical Society Reviews</i> , 2018 , 47, 3831-3848	58.5	170
258	Enhancing the anti-biofilm activity of 5-aryl-2-aminoimidazoles through nature inspired dimerisation. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 1470-1480	3.4	5
257	Microwave-Assisted Organic Synthesis: Overview of Recent Applications 2018 , 441-468		20
256	Reactions of secondary propargylamines with heteroallenes for the synthesis of diverse heterocycles. <i>Chemical Society Reviews</i> , 2018 , 47, 3861-3898	58.5	84
255	Synthesis of spiroindolenines by intramolecular ipso-iodocyclization of indol ynones. <i>Chemical Communications</i> , 2018 , 54, 3625-3628	5.8	30
254	Iterative Chemical Engineering of Vancomycin Leads to Novel Vancomycin Analogs With a High Therapeutic Index. <i>Frontiers in Microbiology</i> , 2018 , 9, 1175	5.7	4
253	Microwave-Assisted Ruthenium-Catalysed ortho-C-H Functionalization of N-Benzoyl β -Amino Ester Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 3083-3089	5.6	16
252	Cationic Gold(I)-Catalyzed Cascade Bicyclizations for Divergent Synthesis of (Spiro)polyheterocycles. <i>ACS Catalysis</i> , 2018 , 8, 6388-6393	13.1	33
251	A Gold-Catalyzed Domino Cyclization Enabling Rapid Construction of Diverse Polyheterocyclic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 272-276	16.4	60
250	A Gold-Catalyzed Domino Cyclization Enabling Rapid Construction of Diverse Polyheterocyclic Frameworks. <i>Angewandte Chemie</i> , 2018 , 130, 278-282	3.6	7
249	Influence of pH on the Stability of 2-Substituted 1,3-Thiazolidine-4-Carboxylic Acids in Model Solutions. <i>Journal of the American Society of Brewing Chemists</i> , 2018 , 76, 272-280	1.9	7
248	Recent Advances in Phthalan and Coumaran Chemistry. <i>ChemistryOpen</i> , 2018 , 7, 914-929	2.3	12
247	Synthesis of 1-(methoxyphenyl)tetrazolyl-Substituted 1,2,3,4-Tetrahydroisoquinolines and Their Transformations Involving Activated Alkynes. <i>Molecules</i> , 2018 , 23,	4.8	1

246	Post-Ugi Cyclization for the Construction of Diverse Heterocyclic Compounds: Recent Updates. <i>Frontiers in Chemistry</i> , 2018 , 6, 557	5	32
245	Gold-catalyzed post-Ugi alkyne hydroarylation for the synthesis of 2-quinolones. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 2572-2579	2.5	9
244	Rhodium(III)-catalyzed intermolecular cascade annulation through C-H activation: Concise synthesis of rosettacin. <i>Molecular Catalysis</i> , 2018 , 459, 129-134	3.3	12
243	Dual roles of ynoates: desymmetrization of dicarboxylic acids using trialkylamines as alkyl equivalents. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 2955-2959	5.2	14
242	Gold-catalyzed post-MCR transformations towards complex (poly)heterocycles. <i>Drug Discovery Today: Technologies</i> , 2018 , 29, 61-69	7.1	10
241	Gold and silver nanoparticle-catalyzed synthesis of heterocyclic compounds. <i>Chemistry of Heterocyclic Compounds</i> , 2018 , 54, 241-248	1.4	9
240	Metal-catalyzed synthesis of heterocycles. <i>Chemistry of Heterocyclic Compounds</i> , 2018 , 54, 213-213	1.4	2
239	Palladium (II)-catalysed intramolecular CH functionalizations: Efficient synthesis of kealiinine C and analogues. <i>Molecular Catalysis</i> , 2018 , 455, 233-238	3.3	3
238	DBU-Catalyzed Alkyne-Imidate Cyclization toward 1-Alkoxyprazino[1,2- a]indole Synthesis. <i>Journal of Organic Chemistry</i> , 2018 , 83, 9305-9311	4.2	14
237	Gold-Catalyzed Post-Ugi Ipso-Cyclization with Switchable Diastereoselectivity. <i>Journal of Organic Chemistry</i> , 2018 , 83, 8170-8182	4.2	26
236	Facile, catalyst-free, microwave-assisted access toward the synthesis of 2-aryl/alkyl-3-(1H-benzo[d]imidazol-2-yl)-2, 3-dihydroquinazolin-4(1H)-ones. <i>Synthetic Communications</i> , 2017 , 47, 756-763	1.7	6
235	Smart Metal-Organic Framework Coatings: Triggered Antibiofilm Compound Release. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 4440-4449	9.5	24
234	Hypervalent Iodine(III)-Mediated Cascade Cyclization of Propargylguanidines and Total Syntheses of Kealiinine B and C. <i>Chemistry - A European Journal</i> , 2017 , 23, 5224-5227	4.8	14
233	Merger of Visible-Light Photoredox Catalysis and C _H Activation for the Room-Temperature C-2 Acylation of Indoles in Batch and Flow. <i>ACS Catalysis</i> , 2017 , 7, 3818-3823	13.1	98
232	Temperature switchable Brønsted acid-promoted selective syntheses of spiro-indolenines and quinolines. <i>Chemical Communications</i> , 2017 , 53, 7732-7735	5.8	46
231	Gold-catalyzed diastereoselective domino dearomatization/ipso-cyclization/aza-Michael sequence: a facile access to diverse fused azaspiro tetracyclic scaffolds. <i>Chemical Communications</i> , 2017 , 53, 6413-6416	5.8	51
230	Copper-Catalyzed Multicomponent Reactions: Synthesis of Fused 1,2,3-Triazolo-1,3,6-triazonines. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 2579-2586	3.2	16
229	Synthesis of Thiazolidine-2-thiones through a One-Pot A3-Coupling/Carbon Disulfide Incorporation Process. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 1063-1069	3.2	21

228	Diversity-oriented synthesis of 1,3-benzodiazepines. <i>Tetrahedron</i> , 2017 , 73, 6372-6380	2.4	17
227	A Lewis Base Catalysis Approach for the Photoredox Activation of Boronic Acids and Esters. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15136-15140	16.4	82
226	A Lewis Base Catalysis Approach for the Photoredox Activation of Boronic Acids and Esters. <i>Angewandte Chemie</i> , 2017 , 129, 15332-15336	3.6	17
225	Ruthenium-catalysed one-pot regio- and diastereoselective synthesis of pyrrolo[1,2-a]indoles via cascade C-H functionalization/annulation. <i>Chemical Communications</i> , 2017 , 53, 10812-10815	5.8	11
224	Rhodium(iii)-catalyzed intramolecular annulation through C-H activation: concise synthesis of rosettacin and oxypalmatine. <i>Chemical Communications</i> , 2017 , 53, 12394-12397	5.8	31
223	Ugi Reaction Followed by Intramolecular Diels-Alder Reaction and Elimination of HCl: One-Pot Approach to Arene-Fused Isoindolinones. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 4379-4388 ^{3,2}	3.2	13
222	Polysubstituted 2-aminoimidazoles as anti-biofilm and antiproliferative agents: Discovery of potent lead. <i>European Journal of Medicinal Chemistry</i> , 2017 , 138, 152-169	6.8	8
221	Direct C-2 acylation of indoles with toluene derivatives via Pd(II)-catalyzed C-H activation. <i>RSC Advances</i> , 2017 , 7, 32559-32563	3.7	13
220	11. Synthesis of medium-sized heterocycles under microwave irradiation 2017 , 184-204		
219	New tricks of well-known aminoazoles in isocyanide-based multicomponent reactions and antibacterial activity of the compounds synthesized. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 1050-1063	2.5	12
218	Synthesis of fused 1,2,3-triazolo-1,3,6-triazonines through copper-catalyzed intramolecular Ullmann cross-coupling reaction. <i>Tetrahedron Letters</i> , 2016 , 57, 4885-4889	2	13
217	Modulation of the Substitution Pattern of 5-Aryl-2-Aminoimidazoles Allows Fine-Tuning of Their Antibiofilm Activity Spectrum and Toxicity. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 6483-6497 ^{5,9}	5.9	12
216	Synthesis of novel imidazole-based triheterocycles via a domino Ugi/Michael reaction and silver-catalyzed heteroannulation. <i>RSC Advances</i> , 2016 , 6, 103601-103605	3.7	20
215	Silver-Nanoparticle-Catalyzed Dearomatization of Indoles toward 3-Spiroindolenines via a 5-exo-dig Spirocyclization. <i>ACS Catalysis</i> , 2016 , 6, 8156-8161	13.1	41
214	Domino Carbopalladation/C-H Functionalization Sequence: An Expedient Synthesis of Bis-Heteroaryls through Transient Alkyl/Vinyl-Palladium Species Capture. <i>Chemistry - A European Journal</i> , 2016 , 22, 481-5	4.8	35
213	Developments in Heterocyclic Microwave Chemistry. <i>Advances in Heterocyclic Chemistry</i> , 2016 , 275-299	2.4	3
212	A domino Ugi/Michael approach for the synthesis of β,β -unsaturated β -lactams. <i>Tetrahedron Letters</i> , 2016 , 57, 754-756	2	23
211	Gold-Catalyzed Cyclization Processes: Pivotal Avenues for Organic Synthesis. <i>Chemical Record</i> , 2016 , 16, 73-83	6.6	9

210	Microwave-Assisted, Metal-Free, Base-Mediated C-N Bond Formation/Cleavage: Synthesis of Benzimidazo[1,2-a]quinazoline Derivatives. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 2206-2210	8.3	13
209	Tunability of Size and Magnetic Moment of Iron Oxide Nanoparticles Synthesized by Forced Hydrolysis. <i>Materials</i> , 2016 , 9,	3.5	12
208	Microwave-Assisted Copper-Catalyzed Oxidative Cyclization of Acrylamides with Non-Activated Ketones. <i>Chemistry - A European Journal</i> , 2016 , 22, 5878-82	4.8	29
207	Ligand-controlled product selectivity in palladium-catalyzed domino post-Ugi construction of (spiro)polyheterocycles. <i>Chemical Communications</i> , 2016 , 52, 5516-9	5.8	31
206	Copper-catalyzed alkylarylation of activated alkenes using isocyanides as the alkyl source: an efficient radical access to 3,3-dialkylated oxindoles. <i>Chemical Communications</i> , 2016 , 52, 6395-8	5.8	16
205	The Application of Multicomponent Ugi and Passerini Reactions for the One-Pot Synthesis of Pyrrolones and Butenolides. <i>Synthesis</i> , 2016 , 48, 2280-2286	2.9	15
204	Synthesis and anti-inflammatory activity evaluation of novel triazolyl-isatin hybrids. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 1520-6	5.6	33
203	Iodine-mediated regioselective guanylation-amination of propargylamines towards the synthesis of diversely substituted 2-aminoimidazoles. <i>RSC Advances</i> , 2016 , 6, 75202-75206	3.7	11
202	Remote Amide-Controlled Gold-Catalyzed Stereoselective Hydro-heteroarylation of Acrylamides: Access to Pyrido[3,4-b]indoles. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 2124-2128	3.2	10
201	Highly Selective Biocatalytic Transesterification Reactions on Aryl 3-hydroxy-2-(hydroxymethyl)-2-methylpropanoates. <i>Catalysis Letters</i> , 2015 , 145, 919-929	2.8	4
200	Catalyst-controlled exo/endo selectivity in a post-Ugi intramolecular hydroarylation: synthesis of pyrrolopyridinones, pyrroloazepinones, and benzothienopyridines. <i>Tetrahedron</i> , 2015 , 71, 3333-3342	2.4	30
199	Diversification of the 3-benzazepine scaffold applying Ugi/reductive Heck sequence. <i>Tetrahedron</i> , 2015 , 71, 3863-3871	2.4	25
198	Facile and diverse microwave-assisted synthesis of secondary propargylamines in water using CuCl/CuCl ₂ . <i>RSC Advances</i> , 2015 , 5, 28921-28924	3.7	18
197	Diversity-Oriented Synthesis of β -Lactams and γ -Lactams by Post-Ugi Nucleophilic Cyclization: Lewis Acids as Regioselective Switch. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 3957-3962	3.2	32
196	Post-Ugi carbocyclization/fragmentation sequence for the synthesis of 6,7-dihydro-5H-pyrrolo[3,4-b]pyridin-5-ones. <i>Tetrahedron Letters</i> , 2015 , 56, 2882-2886	2	13
195	Supported gold nanoparticles as efficient and reusable heterogeneous catalyst for cycloisomerization reactions. <i>Green Chemistry</i> , 2015 , 17, 3314-3318	10	35
194	Diversely Substituted Indoloazepinones and Indoloazocinones: A Post-Ugi Gold-Catalyzed Regioselective Carbocyclization Approach. <i>Synthesis</i> , 2015 , 47, 1337-1347	2.9	19
193	Gold- and Silver-Catalyzed 7-endo-dig Cyclizations for the Synthesis of Oxazepines. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 4190-4197	3.2	22

192	Domino Heck/borylation sequence towards indolinone-3-methyl boronic esters: trapping of the σ -alkylpalladium intermediate with boron. <i>Chemical Communications</i> , 2015 , 51, 14862-5	5.8	81
191	Cu(I)-catalyzed microwave-assisted synthesis of 1,2,3-triazole linked with 4-thiazolidinones: a one-pot sequential approach. <i>RSC Advances</i> , 2015 , 5, 1628-1639	3.7	5
190	Synthesis, Antiproliferative, and c-Src Kinase Inhibitory Activities of 4-Oxo-4H-1-benzopyran Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2015 , 52, 562-572	1.9	10
189	A One-Pot Synthesis of Triazolodiazepines. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 4726-4733	3.2	11
188	Cationic Rhodium(III)-Catalyzed Direct C-2 Carboxamidation of Indoles with Isocyanates via C-H Bond Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 2615-2621	5.6	14
187	Leaching-Free Supported Gold Nanoparticles Catalyzing Cycloisomerizations under Microflow Conditions. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 3141-3147	5.6	20
186	Study of the Chemoselectivity of Multicomponent Heterocyclizations Involving 3-Amino-1,2,4-triazole and Pyruvic Acids as Key Reagents, and Biological Activity of the Reaction Products. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 4481-4492	3.2	25
185	Heck-Suzuki Tandem Reaction for the Synthesis of 3-Benzazepines. <i>Journal of Organic Chemistry</i> , 2015 , 80, 6598-608	4.2	21
184	Evaluation of the antibacterial and antibiofilm activities of novel CRAMP-vancomycin conjugates with diverse linkers. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 7477-86	3.9	25
183	Pd-catalyzed Csp ² -H functionalization of heteroarenes via isocyanide insertion: concise synthesis of di-(hetero)aryl ketones and di-(hetero)aryl alkylamines. <i>Chemistry - A European Journal</i> , 2015 , 21, 4908-12	4.8	27
182	Metal-mediated post-Ugi transformations for the construction of diverse heterocyclic scaffolds. <i>Chemical Society Reviews</i> , 2015 , 44, 1836-60	58.5	196
181	Anti-inflammatory and antioxidant properties of Piper species: a perspective from screening to molecular mechanisms. <i>Current Topics in Medicinal Chemistry</i> , 2015 , 15, 886-93	3	15
180	Regioselective Synthesis of Diversely Substituted Diazoninones Through a Post-Ugi Gold-Catalyzed Intramolecular Hydroarylation Process. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 2084-2091	3.2	34
179	Unexpected regio- and chemoselectivity of cationic gold-catalyzed cycloisomerizations of propargylureas: access to tetrasubstituted 3,4-dihydropyrimidin-2(1H)-ones. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 1741-50	3.9	24
178	Copper(I)-Catalyzed Decarboxylative Coupling of Propiolic Acids with Secondary Amines and Aldehydes. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 5346-5350	3.2	22
177	Facile access to functionalized spiro[indoline-3,2'-pyrrole]-2,5'-diones via post-Ugi domino Buchwald-Hartwig/Michael reaction. <i>Organic Letters</i> , 2014 , 16, 3884-7	6.2	95
176	Three-component reaction of a 2-aminoazine, a 2-oxoaldehyde, and a cyclic 1,3-dicarbonyl compound for the synthesis of imidazo[1,2-a]azine derivatives. <i>ACS Combinatorial Science</i> , 2014 , 16, 535-42	3.9	21
175	Assembly of a 1H-Pyrrol-2(5H)-one Core through a Cascade Ugi Reaction/5-endo-dig Carbocyclization/Retro-Claisen Fragmentation Process. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 6390-6393	3.2	25

174	Regio- and Chemoselective Formation of Spiroindolinone-Indolinone by a Palladium-Catalyzed Buchwald-Hartwig Addition-Elimination Sequence. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 6634-6638	3.2	18
173	Solvent switchable cycloaddition: a (one-pot) metal-free approach towards N-substituted benzo[e]- or [f]isoindolones via C(sp ²)-H functionalization. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 8861-5	3.9	9
172	Microwave-assisted one-pot synthesis and anti-biofilm activity of 2-amino-1H-imidazole/triazole conjugates. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 3671-8	3.9	21
171	Microwave-assisted synthesis of 4H-benzo[f]imidazo[1,4]diazepin-6-ones via a post-Ugi copper-catalyzed intramolecular Ullmann coupling. <i>Tetrahedron Letters</i> , 2014 , 55, 2070-2074	2	24
170	Copper-Catalyzed Diversity-Oriented Three- and Five- Component Synthesis of Mono- and Dipropargylic Amines via Coupling of Alkynes, β -Amino Esters and Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 1029-1037	5.6	26
169	Microwave-assisted Cu(I)-catalyzed, three-component synthesis of 2-(4-((1-phenyl-1H-1,2,3-triazol-4-yl)methoxy)phenyl)-1H-benzo[d]imidazoles. <i>Beilstein Journal of Organic Chemistry</i> , 2014 , 10, 1413-20	2.5	6
168	Microwave-assisted synthesis of natural products (analogues) with potential biological applications 2014 , 134-153		
167	Evaluation of the toxicity of 5-aryl-2-aminoimidazole-based biofilm inhibitors against eukaryotic cell lines, bone cells and the nematode <i>Caenorhabditis elegans</i> . <i>Molecules</i> , 2014 , 19, 16707-23	4.8	9
166	Nano Cu-catalyzed efficient and selective reduction of nitroarenes under combined microwave and ultrasound irradiation. <i>Sustainable Chemical Processes</i> , 2014 , 2, 14		25
165	Switching the regioselectivity via indium(III) and gold(I) catalysis: a post-Ugi intramolecular hydroarylation to azepino- and azocino-[c,d]indolones. <i>Chemical Communications</i> , 2013 , 49, 6803-5	5.8	74
164	Synthesis of (spiro)cyclopentapyridinones via C(sp ³)-H functionalization: a post-Ugi gold-catalyzed regioselective tandem cyclization. <i>Chemical Communications</i> , 2013 , 49, 7171-3	5.8	82
163	Identification of small peptides inhibiting the integrase-LEDGF/p75 interaction through targeting the cellular co-factor. <i>Journal of Peptide Science</i> , 2013 , 19, 651-8	2.1	7
162	C-N bond forming cross-coupling reactions: an overview. <i>Chemical Society Reviews</i> , 2013 , 42, 9283-303	58.5	619
161	Developments in direct C-H arylation of (hetero)arenes under microwave irradiation. <i>Chemistry - A European Journal</i> , 2013 , 19, 1158-68	4.8	55
160	Recent approaches for C-C bond formation via direct dehydrative coupling strategies. <i>Chemical Society Reviews</i> , 2013 , 42, 1121-46	58.5	214
159	Diversely Substituted Imidazo[1,2-a]pyrazine-8-oxo-3-carbaldehydes: An Iodine-Mediated Cyclization/Oxidation Approach. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 693-700	3.2	12
158	Copper-catalyzed direct secondary and tertiary C-H alkylation of azoles through a heteroarene-amine-aldehyde/ketone coupling reaction. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 2547-50	16.4	31
157	Diversely Substituted Triazolo[1,5-a][1,4]benzodiazepinones: A Post-Ugi Copper-Catalyzed Tandem Azide-Alkyne Cycloaddition/Ullmann C-N Coupling Approach. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 1223-1227	3.2	47

156	Microwaves in the Synthesis of Natural Products 2013 , 843-896		0
155	Cationic Gold- and Silver-Catalyzed Cycloisomerizations of Propargylic Ureas: A Selective Entry to Oxazolidin-2-imines and Imidazolidin-2-ones. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 781-789	5.6	48
154	Transition metal-catalyzed C-C bond formation via C-S bond cleavage: an overview. <i>Chemical Society Reviews</i> , 2013 , 42, 5042-55	58.5	272
153	An expedient route to imidazo[1,4]diazepin-7-ones via a post-Ugi gold-catalyzed heteroannulation. <i>Organic Letters</i> , 2013 , 15, 1874-7	6.2	55
152	Gold(I)-Catalyzed Post-Ugi Hydroarylation: An Approach to Pyrrolopyridines and Azepinoindoles. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 2288-2292	3.2	34
151	Synthesis of [1,2,3]-triazolo[1,5-a][1,4]benzodiazepines via an unprecedented one-pot Cu-catalyzed azidation/cyclization reaction. <i>Tetrahedron</i> , 2013 , 69, 4331-4337	2.4	24
150	Synthesis and HIV-1 RT inhibitory action of novel (4/6-substituted benzo[d]thiazol-2-yl)thiazolidin-4-ones. Divergence from the non-competitive inhibition mechanism. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013 , 28, 113-22	5.6	17
149	Synthesis of differentially substituted 2-aminoimidazolidines via a microwave-assisted tandem Staudinger/aza-Wittig cyclization. <i>Journal of Organic Chemistry</i> , 2013 , 78, 5737-43	4.2	23
148	FeCl ₃ -promoted synthesis of 1,3,4-thiadiazoles under combined microwave and ultrasound irradiation in water. <i>Monatshefte Für Chemie</i> , 2013 , 144, 681-686	1.4	8
147	Efficient Synthesis of Uracil-Derived Hexa- and Tetrahydropyrido[2,3-d]pyrimidines. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 5364-5369	3.2	16
146	A facile diversity-oriented synthesis of imidazo[1,2-a]pyrazinones via gold-catalyzed regioselective heteroannulation of propynylaminopyrazinones. <i>Tetrahedron</i> , 2013 , 69, 359-365	2.4	18
145	Post Ugi Gold(I)- and Platinum(II)-Catalyzed Alkyne Activation: Synthesis of Diversely Substituted Fused Azepinones and Pyridinones. <i>Synthesis</i> , 2013 , 45, 2571-2582	2.9	36
144	Fast Assembly of 1H-Imidazo[1,2-a]imidazol-5-amines via Groebke-Blackburn-Bienaym Reaction with 2-Aminoimidazoles. <i>Synlett</i> , 2013 , 24, 351-354	2.2	14
143	Post-Ugi gold-catalyzed diastereoselective domino cyclization for the synthesis of diversely substituted spiroindolines. <i>Beilstein Journal of Organic Chemistry</i> , 2013 , 9, 2097-102	2.5	37
142	Synthesis of functionalized furopyrazines as restricted dipeptidomimetics. <i>Tetrahedron</i> , 2012 , 68, 3019-3029	3.4	9
141	Synthesis of polysubstituted pyridines under combined microwave and ultrasound irradiation: K ₂ CO ₃ -promoted tandem addition/cyclization/hydrogen shift process. <i>Tetrahedron Letters</i> , 2012 , 53, 1160-1162	2	21
140	Synthesis of Oxazolidin-2-ones via a Copper(I)-Catalyzed Tandem Decarboxylative/Carboxylative Cyclization of a Propiolic Acid, a Primary Amine and an Aldehyde. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 505-509	5.6	49
139	Gold(I) and platinum(II) switch: a post-Ugi intramolecular hydroarylation to pyrrolopyridinones and pyrroloazepinones. <i>Chemical Communications</i> , 2012 , 48, 10916-8	5.8	75

138	Alkylation of 3,5-dichloro-2(1H)-pyrazinones using malonate esters. <i>Tetrahedron Letters</i> , 2012 , 53, 4676-4678	4
137	Pd/Cu-catalyzed C-H arylation of 1,3,4-thiadiazoles with (hetero)aryl iodides, bromides, and triflates. <i>Journal of Organic Chemistry</i> , 2012 , 77, 8768-74	4.2 25
136	Synthesis of symmetric 1,4-diamino-2-butyne via a Cu(I)-catalyzed one-pot A3-coupling/decarboxylative coupling of a propiolic acid, an aldehyde, and an amine. <i>Journal of Organic Chemistry</i> , 2012 , 77, 5149-54	4.2 46
135	Regioselective Cu(I)-catalyzed tandem A3-coupling/decarboxylative coupling to 3-amino-1,4-enynes. <i>Organic Letters</i> , 2012 , 14, 1942-5	6.2 36
134	A Diversity-Oriented Approach to Spiroindolines: Post-Ugi Gold-Catalyzed Diastereoselective Domino Cyclization. <i>Angewandte Chemie</i> , 2012 , 124, 9710-9713	3.6 23
133	A diversity-oriented approach to spiroindolines: post-Ugi gold-catalyzed diastereoselective domino cyclization. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 9572-5	16.4 127
132	Pd-Catalyzed Solid-Phase Decoration of the 2(1H)-Pyrazinone Scaffold 2012 , 23-33	
131	Synthesis of Azocino[5,4-b]indoles via Gold-Catalyzed Intramolecular Alkyne Hydroarylation. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 2841-2848	5.6 76
130	A concise route to indoloazocines via a sequential Ugi-gold-catalyzed intramolecular hydroarylation. <i>Chemical Communications</i> , 2012 , 48, 6550-2	5.8 78
129	Direct heteroarylation of tautomerizable heterocycles into unsymmetrical and symmetrical biheterocycles via Pd/Cu-catalyzed phosphonium coupling. <i>Organic Letters</i> , 2012 , 14, 1854-7	6.2 31
128	De novo design of small molecule inhibitors targeting the LEDGF/p75-HIV integrase interaction. <i>RSC Advances</i> , 2012 , 2, 974-984	3.7 7
127	A walk around the A3-coupling. <i>Chemical Society Reviews</i> , 2012 , 41, 3790-807	58.5 523
126	Microwave-Assisted Synthesis of Pyrazino[2,1-b]quinazolines and 3-Indolyl-2(1H)-pyrazinones Employing a Chemoselective Silver(I)- and Gold(I)-Catalyzed Reaction. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 1593-1599	5.6 39
125	Arylalkyl ketones, benzophenones, desoxybenzoins and chalcones inhibit TNF- α induced expression of ICAM-1: structure-activity analysis. <i>Archiv Der Pharmazie</i> , 2012 , 345, 368-77	4.3 9
124	Microwave-assisted synthesis of medium-sized heterocycles. <i>Chemical Communications</i> , 2012 , 48, 1623-37.8	123
123	Ammonium derivatives of chromenones and quinolinones as lead antimicrobial agents. <i>Journal of Chemical Sciences</i> , 2012 , 124, 437-449	1.8 13
122	Efficient Preparation of Tetrasubstituted Pyrazines Starting from Pyrazin-2(1H)-ones. <i>Synthesis</i> , 2012 , 44, 1614-1624	2.9 5
121	N-heterocyclic carbene catalyzed arylation of 3,5-dichloro-2(1H)-pyrazinones. <i>Journal of Organic Chemistry</i> , 2011 , 76, 2920-5	4.2 18

120	Microwave-assisted C-C bond forming cross-coupling reactions: an overview. <i>Chemical Society Reviews</i> , 2011 , 40, 4925-36	58.5	138
119	Tetrasubstituted 2-imidazolones via Ag(I)-catalyzed cycloisomerization of propargylic ureas. <i>Journal of Organic Chemistry</i> , 2011 , 76, 5867-72	4.2	50
118	Structure-activity relationship of 4(5)-aryl-2-amino-1H-imidazoles, N1-substituted 2-aminoimidazoles and imidazo[1,2-a]pyrimidinium salts as inhibitors of biofilm formation by <i>Salmonella typhimurium</i> and <i>Pseudomonas aeruginosa</i> . <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 472-84	8.3	50
117	Microwave-assisted decarboxylative three-component coupling of a 2-oxoacetic acid, an amine, and an alkyne. <i>Journal of Organic Chemistry</i> , 2011 , 76, 7608-13	4.2	54
116	A microwave-assisted diastereoselective multicomponent reaction to access dibenzo[c,e]azepinones: synthesis and biological evaluation. <i>Journal of Organic Chemistry</i> , 2011 , 76, 2828-39	4.3	71
115	Microwave-Assisted Chemistry of 2(1H)-pyrazinones. <i>Current Organic Chemistry</i> , 2011 , 15, 265-283	1.7	15
114	Novel natural product-based cinnamates and their thio and thiono analogs as potent inhibitors of cell adhesion molecules on human endothelial cells. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 5498-511	6.8	12
113	Catalysis and Multi-Component Reactions. <i>Advances in Experimental Medicine and Biology</i> , 2011 , 1-29	3.6	
112	Synthesis and biological activity evaluation of N-protected isatin derivatives as inhibitors of ICAM-1 expression on human endothelial cells. <i>MedChemComm</i> , 2011 , 2, 743	5	18
111	Recent Advances in Microwave-Assisted Solid-Phase Synthesis of Heterocycles 2011 , 231-267		
110	One-pot microwave-assisted protocol for the synthesis of substituted 2-amino-1H-imidazoles. <i>Molecular Diversity</i> , 2011 , 15, 491-6	3.1	14
109	Synthesis of the Azocino[cd]indole Framework through Pd-Catalyzed Intramolecular Acetylene Hydroarylation. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 1837-1840	3.2	42
108	An expeditious route toward pyrazine-containing nucleoside analogues. <i>Journal of Organic Chemistry</i> , 2011 , 76, 846-56	4.2	39
107	Structure-activity relationship of 2-hydroxy-2-aryl-2,3-dihydro-imidazo[1,2-a]pyrimidinium salts and 2N-substituted 4(5)-aryl-2-amino-1H-imidazoles as inhibitors of biofilm formation by <i>Salmonella Typhimurium</i> and <i>Pseudomonas aeruginosa</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 3462-73	3.4	35
106	Diversity-Oriented Silver(I)-Mediated Synthesis of Spiro-2-aminoimidazoles. <i>Synthesis</i> , 2011 , 2011, 1587-1594	1.9	2
105	Synthesis of the Azepinoindole Framework via Oxidative Heck (Fujiwara-Moritani) Cyclization. <i>Synthesis</i> , 2011 , 2011, 2147-2153	2.9	6
104	Synthesis of Isoquinolinium-2-yl Amides via Silver(I)-Catalyzed Ring Closure of N ² -(2-Alkynylbenzylidene)hydrazides. <i>Synthesis</i> , 2011 , 2011, 3371-3374	2.9	5
103	Enantioselective biocatalytic reactions on (S)-aryl alkyl ketones with native and modified porcine pancreatic lipase. <i>Biocatalysis and Biotransformation</i> , 2010 , 28, 172-184	2.5	2

102	Straightforward Functionalization of 3,5-Dichloro-2-pyrazinones under Simultaneous Microwave and Ultrasound Irradiation. <i>Synthesis</i> , 2010 , 2010, 136-140	2.9	3
101	Unprecedented Cu(I)-catalyzed microwave-assisted three-component coupling of a ketone, an alkyne, and a primary amine. <i>Organic Letters</i> , 2010 , 12, 2638-41	6.2	85
100	Diversity-oriented synthesis of dibenzoazocines and dibenzoazepines via a microwave-assisted intramolecular A(3)-coupling reaction. <i>Organic Letters</i> , 2010 , 12, 2774-7	6.2	54
99	Click chemistry under non-classical reaction conditions. <i>Chemical Society Reviews</i> , 2010 , 39, 1280-90	58.5	314
98	Microwave-assisted cycloaddition reactions. <i>Chemical Society Reviews</i> , 2010 , 39, 1467-77	58.5	135
97	Development of a new microwave-assisted cleavable backbone amide linker (BAL): a comparative study. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 60-5	3.9	4
96	Microwave-assisted palladium-catalyzed phosphonium coupling of 2(1H)-pyrazinones. <i>Journal of Organic Chemistry</i> , 2010 , 75, 976-9	4.2	38
95	Microwave Irradiation and Multicomponent Reactions. <i>Topics in Heterocyclic Chemistry</i> , 2010 , 169-230	0.2	33
94	Microwave-assisted synthesis of a novel class of imidazolylthiazolidin-4-ones and evaluation of its biological activities. <i>Molecular Diversity</i> , 2010 , 14, 767-76	3.1	14
93	ImidatePhosphanes as Highly Versatile N,P Ligands and Their Application in Palladium-Catalyzed Asymmetric Allylic Alkylation Reactions. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 4056-4061	3.2	26
92	Diversity-Oriented Microwave-Assisted Synthesis of the 3-Benzazepine Framework. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 4861-4867	3.2	44
91	Efficient microwave-assisted synthesis of secondary alkylpropargylamines by using A3-coupling with primary aliphatic amines. <i>Chemistry - A European Journal</i> , 2010 , 16, 3281-4	4.8	92
90	Concise and Diversity-Oriented Route toward Polysubstituted 2-Aminoimidazole Alkaloids and Their Analogues. <i>Angewandte Chemie</i> , 2010 , 122, 9655-9658	3.6	30
89	Aqueous Microwave Assisted Chemistry. Synthesis and Catalysis. RSC Green Chemistry Series. Herausgegeben von Vivek Polshettiwar und Rajender S. Varma.. <i>Angewandte Chemie</i> , 2010 , 122, 10237-10238 ¹	3.6	1
88	Concise and diversity-oriented route toward polysubstituted 2-aminoimidazole alkaloids and their analogues. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9465-8	16.4	130
87	Unexpected alternative direction of a Biginelli-like multicomponent reaction with 3-amino-1,2,4-triazole as the urea component. <i>Tetrahedron Letters</i> , 2010 , 51, 2095-2098	2	43
86	An Asymmetric Approach towards (±)-Aphanorphine and Its Analogues. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 793-796	3.2	30
85	Microwave-Assisted Palladium-Catalyzed Heterogeneous Vinylation of 2(1H)-Pyridones. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 4589-4592	3.2	11

84	Efficient one-step synthesis of chiral bidentate oxazoline-alcohol ligands via a cyclic imidate ester rearrangement. <i>Tetrahedron: Asymmetry</i> , 2009 , 20, 1962-1968		15
83	Copper-mediated N- and O-arylations with arylboronic acids in a continuous flow microreactor: a new avenue for efficient scalability. <i>Tetrahedron Letters</i> , 2009 , 50, 15-18	2	32
82	Catalyst-free alcoholysis of phosphane-boranes: a smooth, cheap, and efficient deprotection procedure. <i>Tetrahedron</i> , 2009 , 65, 6410-6415	2.4	46
81	Microwave-assisted synthesis of substituted 2-amino-1H-imidazoles from imidazo[1,2-a]pyrimidines. <i>Tetrahedron Letters</i> , 2009 , 50, 5218-5220	2	30
80	Synthesis and fungicidal activity of 3,5-dichloropyrazin-2(1H)-one derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 4064-6	2.9	1
79	Novel thermal and microwave-assisted facile route to naphthalen-2(1H)-ones via an oxidative alkoxylation-ring-opening protocol. <i>Organic Letters</i> , 2009 , 11, 2964-7	6.2	8
78	Diversity-Oriented Synthesis of Substituted Furo[2,3-b]pyrazines. <i>Australian Journal of Chemistry</i> , 2009 , 62, 27	1.2	13
77	Mild room-temperature palladium-catalyzed C3-arylation of 2(1H)-pyrazinones via a desulfinitive Kumada-type cross-coupling reaction. <i>Journal of Organic Chemistry</i> , 2009 , 74, 6870-3	4.2	30
76	Efficient synthesis of the indoloazocine framework via intramolecular alkyne carbocyclization. <i>Organic Letters</i> , 2009 , 11, 3618-21	6.2	63
75	Microwave-promoted racemization and dynamic kinetic resolution of chiral amines over Pd on alkaline earth supports and lipases. <i>Journal of Catalysis</i> , 2008 , 255, 206-212	7.3	50
74	Diversity oriented microwave-assisted synthesis of (-)-steganacin aza-analogues. <i>Journal of Organic Chemistry</i> , 2008 , 73, 7509-16	4.2	36
73	A divergent synthesis of substituted 2-aminoimidazoles from 2-aminopyrimidines. <i>Journal of Organic Chemistry</i> , 2008 , 73, 6691-7	4.2	48
72	A new colorimetric test for solid-phase amines and thiols. <i>ACS Combinatorial Science</i> , 2008 , 10, 580-5		10
71	The first palladium-catalyzed desulfinitive Sonogashira-type cross-coupling of (hetero)aryl thioethers with terminal alkynes. <i>Organic Letters</i> , 2008 , 10, 1147-50	6.2	55
70	A novel and versatile entry to asymmetrically substituted pyrazines. <i>Journal of Organic Chemistry</i> , 2008 , 73, 2382-8	4.2	32
69	Transition Metal-Catalyzed Carbon-Carbon Bond Formation Suzuki, Heck, and Sonogashira Reactions Using Microwave and Microtechnology. <i>Organic Process Research and Development</i> , 2008 , 12, 468-474	3.9	128
68	A Concise Microwave-Assisted Synthesis of 2-Aminoimidazole Marine Sponge Alkaloids of the Isonaamines Series. <i>Synthesis</i> , 2008 , 2008, 2083-2088	2.9	7
67	A novel, microwave-assisted method for the synthesis of alicyclic-condensed 5H-1,4,6,7-tetrahydro-1,4-diazepin-5-ones. <i>Tetrahedron Letters</i> , 2008 , 49, 4333-4335	2	7

66	Synthesis of 5-(phenylsulfanyl)-1,4-dihydropyrazine-2,3-diones via an unexpected microwave-assisted cascade reaction. <i>Tetrahedron Letters</i> , 2008 , 49, 4993-4996	2	5
65	Recent Developments in Microwave-Assisted, Transition-Metal-Catalysed C \equiv N and C \equiv N Bond-Forming Reactions. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 1133-1155	3.2	135
64	An Overview of Syntheses of Apogalanthamine Analogues and 7-Aza Derivatives of Steganacin and Steganone. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 5867-5886	3.2	18
63	Palladium-Catalyzed Desulfinitative C \equiv C Cross-Coupling Reaction of (Hetero)Aryl Thioesters and Thioethers with Arylsiloxanes. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 2174-2178	5.6	28
62	A convenient microwave-assisted desulfinitative dimethylamination of the 2(1H)-pyrazinone scaffold using N,N-dimethylformamide. <i>Tetrahedron</i> , 2008 , 64, 2605-2610	2.4	45
61	Microwave-assisted, Mo(CO) $_6$ -mediated, palladium-catalyzed amino-carbonylation of aryl halides using allylamine: from exploration to scale-up. <i>Tetrahedron Letters</i> , 2008 , 49, 5625-5628	2	30
60	Transition metal-catalyzed orthogonal solid-phase decoration of the 2(1H)-pyrazinone scaffold using a sulfur linker. <i>ACS Combinatorial Science</i> , 2007 , 9, 446-53		24
59	Microwave-assisted transition-metal-catalyzed synthesis of N-shifted and ring-expanded buflavine analogues. <i>Chemistry - A European Journal</i> , 2007 , 13, 6452-60	4.8	52
58	A chromone analog inhibits TNF-alpha induced expression of cell adhesion molecules on human endothelial cells via blocking NF-kappaB activation. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 2952-624	3.4	40
57	Specificities of acetoxy derivatives of coumarins, biscoumarins, chromones, flavones, isoflavones and xanthenes for acetoxy drug: protein transacetylase. <i>European Journal of Medicinal Chemistry</i> , 2007 , 42, 447-55	6.8	18
56	Synthesis of Ring-Expanded Aza-Analogues of Bisbenzocyclooctadiene Lignan Lactones. <i>QSAR and Combinatorial Science</i> , 2007 , 26, 1239-1242		8
55	Synthesis of Furo[2,3-b]pyrazine Nucleoside Analogues with 1,2,3-Triazole Linkage. <i>QSAR and Combinatorial Science</i> , 2007 , 26, 1266-1273		23
54	Ag $^{+}$ -Mediated Synthesis of Substituted Furo[2,3-b]pyrazines. <i>Synlett</i> , 2007 , 2007, 3117-3122	2.2	2
53	Suzuki-Miyaura and Stille reactions as key steps in the synthesis of diversely functionalized Amaryllidaceae alkaloid analogs bearing a 5,6,7,8-tetrahydrobenzo[c,e]azocine skeleton. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2007 , 10, 790-801	1.3	11
52	Palladium-catalyzed copper(I)-mediated cross-coupling of arylboronic acids and 2(1H)-pyrazinones facilitated by microwave irradiation with simultaneous cooling. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 2962-5	3.9	22
51	Efficient synthesis of the 3-benzazepine framework via intramolecular Heck reductive cyclization. <i>Organic Letters</i> , 2007 , 9, 3017-20	6.2	93
50	Efficient one-pot, two-step, microwave-assisted procedure for the synthesis of polysubstituted 2-aminoimidazoles. <i>Organic Letters</i> , 2006 , 8, 5781-4	6.2	40
49	Efficient Pd(0)-mediated microwave-assisted arylation of 2-substituted imidazo[1,2-a]pyrimidines. <i>ACS Combinatorial Science</i> , 2006 , 8, 659-63		38

48	Copper(II)-mediated cross-coupling of arylboronic acids and 2(1H)-pyrazinones facilitated by microwave irradiation with simultaneous cooling. <i>Organic Letters</i> , 2006 , 8, 1863-6	6.2	64
47	Microwave-enhanced synthesis of new (-)-steganacin and (-)-steganone aza analogues. <i>Organic Letters</i> , 2006 , 8, 487-90	6.2	47
46	Microwave-Assisted Natural Product Chemistry. <i>Topics in Current Chemistry</i> , 2006 , 1-47		13
45	Palladium catalyzed synthesis of Ca ²⁺ indicators with aryl bithiophene and terthiophene fluorophores. <i>Tetrahedron</i> , 2006 , 62, 684-690	2.4	4
44	Microwave-enhanced synthesis of N-shifted buflavine analogues via a Suzuki-ring-closing metathesis protocol. <i>Organic Letters</i> , 2005 , 7, 2723-6	6.2	68
43	The application of "click chemistry" for the decoration of 2(1H)-pyrazinone scaffold: generation of templates. <i>ACS Combinatorial Science</i> , 2005 , 7, 490-502		52
42	An efficient microwave-assisted solvent-free synthesis of pyrido-fused ring systems applying the tert-amino effect. <i>Tetrahedron</i> , 2005 , 61, 9052-9057	2.4	53
41	Solid-phase synthesis of the 2(1H)-pyrazinone scaffold: a new approach toward diversely substituted heterocycles. <i>ACS Combinatorial Science</i> , 2005 , 7, 90-5		31
40	Microwave-Enhanced Cadogan Cyclization: An Easy Access to the 2-Substituted Carbazoles and other Fused Heterocyclic Systems. <i>Synlett</i> , 2005 , 2005, 127-133	2.2	13
39	Synthesis of Novel Functionalised Symmetric Bi-2(1H)-pyrazinones. <i>Synlett</i> , 2005 , 2005, 0777-0780	2.2	11
38	A microwave-assisted click chemistry synthesis of 1,4-disubstituted 1,2,3-triazoles via a copper(I)-catalyzed three-component reaction. <i>Organic Letters</i> , 2004 , 6, 4223-5	6.2	498
37	Indirect Coupling of the 2(1H)-pyrazinone Scaffold with Various (oligo)-saccharides via click chemistry en route towards Glycopeptidomimetics. <i>QSAR and Combinatorial Science</i> , 2004 , 23, 915-918		38
36	Generation of a Small Library of Highly Electron-Rich 2-(Hetero)Aryl-Substituted Phenethylamines by the Suzuki-Miyaura Reaction: A Short Synthesis of an Apogalanthamine Analogue. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 3277-3285	3.2	39
35	Design and synthesis of novel type VI-like turn mimetics. Diversity at the i+1 and the i+2 position. <i>Tetrahedron</i> , 2004 , 60, 11597-11612	2.4	21
34	The effect of pressure on microwave-enhanced Diels-Alder reactions. A case study. <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 154-6	3.9	34
33	Convenient and rapid microwave-assisted synthesis of pyrido-fused ring systems applying the tert-amino effect. <i>Green Chemistry</i> , 2004 , 6, 125-127	10	41
32	Microwave-enhanced transition metal-catalyzed decoration of 2(1H)-pyrazinone scaffolds. <i>Molecular Diversity</i> , 2003 , 7, 125-33	3.1	47
31	Transition-Metal-Free Sonogashira-Type Coupling Reactions in Water. <i>European Journal of Organic Chemistry</i> , 2003 , 2003, 4713-4716	3.2	78

30	Scalability of Microwave-Assisted Organic Synthesis. From Single-Mode to Multimode Parallel Batch Reactors. <i>Organic Process Research and Development</i> , 2003 , 7, 707-716	3.9	144
29	An Exploratory Study on Microwave-Assisted Solid-Phase Diels-Alder Reactions of 2(1H)-Pyrazinones: the Elaboration of a New Tailor-Made Acid-Labile Linker. <i>ACS Combinatorial Science</i> , 2003 , 5, 560-568		38
28	d-Isomannide in synthesis: asymmetric Diels-Alder reactions with novel homochiral bis-imine Cu ²⁺ -catalysts. <i>Tetrahedron: Asymmetry</i> , 2002 , 13, 1673-1679		29
27	Stereoselective intramolecular Diels-Alder reactions of 3-alkenyl(oxy)-2(1H)-pyrazinones. <i>Tetrahedron Letters</i> , 2002 , 43, 447-449	2	16
26	Stereoselective synthesis of trans-fused tetrahydrofuran derivatives of 5H-dibenzo[a,d]cycloheptene. <i>Tetrahedron Letters</i> , 2002 , 43, 3011-3015	2	11
25	High-speed microwave-promoted hetero-Diels-Alder reactions of 2(1H)-pyrazinones in ionic liquid doped solvents. <i>Journal of Organic Chemistry</i> , 2002 , 67, 7904-7	4.2	82
24	Synthesis of (E)-5-(2-arylvinyl)-2-(hetero)arylpyridines, (E)-2-(2-arylvinyl)-5-methoxycarbonylpyridines and (E,E)-2,5-bis(2-arylvinyl)pyridines as polarity and pH probes. <i>Perkin Transactions II RSC</i> , 2002 , 928-937		5
23	Synthesis of a conformationally restricted dipeptide analogue and its evaluation as a β -turn mimic. <i>Tetrahedron Letters</i> , 2001 , 42, 5693-5695	2	31
22	Enantioselective packed column SFC for the separation of 2-oxatetracyclo [5.4.0.01,8.05,11] undec-9-ene derivatives. <i>Journal of Separation Science</i> , 2001 , 13, 163-168		5
21	Asymmetric induction in intramolecular meta photocycloaddition: cyclodextrin-mediated solid-phase photochemistry of various phenoxyalkenes. <i>Organic Letters</i> , 2001 , 3, 1173-5	6.2	40
20	Intramolecular ortho and meta photocycloadditions of 4-phenoxybut-1-enes substituted in the arene residue with carbomethoxy, carbomethoxymethyl, and 2-carbomethoxyethyl groups. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2000 , 133, 135-146	4.7	17
19	Sudan- β -glucuronides and their use for the histochemical localization of β -glucuronidase activity in transgenic plants. <i>Plant Cell Reports</i> , 2000 , 19, 966-970	5.1	16
18	A versatile stereospecific synthesis of the 1,3-disubstituted benzo[a]quinolizidine framework via 2-aryl substituted pyridines. <i>Tetrahedron Letters</i> , 1999 , 40, 9147-9150	2	8
17	Synthesis of l-xylo-hexos-2-ulose (l-sorbose) and its characterisation by chromatographic and spectroscopic techniques. <i>Journal of Chromatography A</i> , 1998 , 811, 261-268	4.5	1
16	Synthesis, extraction ability and application in asymmetric synthesis of azacrown ethers derived from D-glucose. <i>Tetrahedron</i> , 1998 , 54, 14975-14988	2.4	45
15	Synthesis of β -carbolines and β -carbolinones via intramolecular Diels-Alder reactions of 2(1H)-pyrazinones. <i>Tetrahedron</i> , 1998 , 54, 13211-13226	2.4	54
14	Stereochemical features of meta photocycloadducts derived from 3-alkyl-4-phenoxybut-1-enes. <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , 1995 , 114, 480-482		4
13	Intramolecular ortho and meta photocycloadditions of 3-alkyl-4-phenoxybut-1-enes. <i>Tetrahedron Letters</i> , 1995 , 36, 3573-3576	2	11

12	Structural assignment of the intramolecular meta photocycloadduct isomers from 4-phenoxybut-1-enes and 3-benzyloxyprop-1-enes by proton NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 1995 , 33, 864-870	2.1	2
11	L-Ribulose: A novel chiral pool compound. <i>Tetrahedron Letters</i> , 1990 , 31, 2337-2340	2	23
10	Iridoids: An efficient conversion of (R)-catalpol into (R)-specionin. <i>Tetrahedron Letters</i> , 1987 , 28, 3519-3520	2	7
9	L-(S)-Erythrulose: The synthesis of (R)-1,2,4-butanetriol and of some related C4 chirons.. <i>Tetrahedron Letters</i> , 1987 , 28, 4759-4760	2	20
8	Iridoids : The structure elucidation of specionin based on chemical evidence and 1H NMR analysis. <i>Tetrahedron</i> , 1986 , 42, 5385-5386	2.4	17
7	Iridoids : on the synthesis and structure of specionin. <i>Tetrahedron Letters</i> , 1985 , 26, 367-370	2	16
6	Iridoids: the revised structure of specionin. <i>Journal of the Chemical Society Chemical Communications</i> , 1985 , 1719		19
5	Photoinduced Wolff Rearrangement of α -Diazo- β -Ketophosphonates : A Novel Entry into Substituted Phosphonoacetates. <i>Synthetic Communications</i> , 1984 , 14, 163-167	1.7	71
4	Iridoids : Stereospecific synthesis of functionalized cyclopentanoid intermediates via bicyclo[2.2.1]heptanones. <i>Tetrahedron Letters</i> , 1983 , 24, 5797-5800	2	43
3	Facile construction of peptidomimetics by sequential C β /C α bond activation of Ugi-adducts. <i>Organic Chemistry Frontiers</i> ,	5.2	1
2	Remote Alkenylation via Carbopalladation/1,4-Palladium Migration/Heck Reaction Sequence with Unactivated Alkenyl Alcohols. <i>Advanced Synthesis and Catalysis</i> ,	5.6	0
1	Uncovering the Potential of Boronic Acid and Derivatives as Radical Source in Photo(electro)chemical Reactions. <i>Advanced Synthesis and Catalysis</i> ,	5.6	1