Erik V Van Der Eycken

List of Publications by Year
in descending order

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330 papers	13,892 citations	29994 54 h-index	34900 98 g-index
464 all docs	464 docs citations	464 times ranked	10569 citing authors

#	Article	IF	Citations
1	Câ€“N bond forming cross-coupling reactions: an overview. Chemical Society Reviews, 2013, 42, 9283.	18.7	774
2	A walk around the A3-coupling. Chemical Society Reviews, 2012, 41, 3790.	18.7	617
3	A Microwave-Assisted Click Chemistry Synthesis of 1,4-Disubstituted 1,2,3-Triazoles via a Copper(I)-Catalyzed Three-Component Reaction. Organic Letters, 2004, 6, 4223-4225.	2.4	530
4	Click chemistry under non-classical reaction conditions. Chemical Society Reviews, 2010, 39, 1280-1290.	18.7	342
5	Transition metal-catalyzed Câ€“C bond formation via Câ€“S bond cleavage: an overview. Chemical Society Reviews, 2013, 42, 5042.	18.7	325
6	Recent advances in spirocyclization of indole derivatives. Chemical Society Reviews, 2018, 47, 3831-3848.	18.7	280
7	Recent approaches for Câ€“C bond formation via direct dehydrative coupling strategies. Chemical Society Reviews, 2013, 42, 1121-1146.	18.7	260
8	Metal-mediated post-Ugi transformations for the construction of diverse heterocyclic scaffolds. Chemical Society Reviews, 2015, 44, 1836-1860.	18.7	243
9	Visible light-mediated chemistry of indoles and related heterocycles. Chemical Society Reviews, 2019, 48, 4401-4423.	18.7	210
10	Scalability of Microwave-Assisted Organic Synthesis. From Single-Mode to Multimode Parallel Batch Reactors. Organic Process Research and Development, 2003, 7, 707-716.	1.3	158
11	Microwave-assisted Câ€“C bond forming cross-coupling reactions: an overview. Chemical Society Reviews, 2011, 40, 4925.	18.7	156
12	Microwave-assisted cycloaddition reactions. Chemical Society Reviews, 2010, 39, 1467-1477.	18.7	151
13	A Diversityâ€Oriented Approach to Spiroindolines: Postâ€Ugi Goldâ€Catalyzed Diastereoselective Domino Cyclization. Angewandte Chemie - International Edition, 2012, 51, 9572-9575.	7.2	147
14	Microwave-assisted synthesis of medium-sized heterocycles. Chemical Communications, 2012, 48, 1623-1637.	2.2	147
15	Concise and Diversityâ€Oriented Route toward Polysubstituted 2â€Aminoimidazole Alkaloids and Their Analogues. Angewandte Chemie - International Edition, 2010, 49, 9465-9468.	7.2	146
16	Recent Developments in Microwaveâ€Assisted, Transitionâ€Metalâ€Catalysed Câ€“C and Câ€“N Bondâ€Forming Reactions. European Journal of Organic Chemistry, 2008, 2008, 1133-1155.	1.2	141
17	Transition Metal-Catalyzed Carbonâ€“Carbon Bond Formation Suzuki, Heck, and Sonogashira Reactions Using Microwave and Microtechnology. Organic Process Research and Development, 2008, 12, 468-474.	1.3	136
18	A Lewis Base Catalysis Approach for the Photoredox Activation of Boronic Acids and Esters. Angewandte Chemie - International Edition, 2017, 56, 15136-15140.	7.2	126

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19	Merger of Visible-Light Photoredox Catalysis and Câ€“H Activation for the Room-Temperature C-2 Acylation of Indoles in Batch and Flow. ACS Catalysis, 2017, 7, 3818-3823.	5.5	116
20	Efficient Synthesis of the 3-Benzazepine Framework via Intramolecular Heck Reductive Cyclization. Organic Letters, 2007, 9, 3017-3020.	2.4	109
21	Reactions of secondary propargylamines with heteroallenes for the synthesis of diverse heterocycles. Chemical Society Reviews, 2018, 47, 3861-3898.	18.7	109
22	Facile Access to Functionalized Spiro[indoline-3,2â€²-pyrrole]-2,5â€²-diones via Post-Ugi Domino Buchwaldâ€“Hartwig/Michael Reaction. Organic Letters, 2014, 16, 3884-3887.	2.4	107
23	Domino Heck/borylation sequence towards indolinone-3-methyl boronic esters: trapping of the Ïƒ-alkylpalladium intermediate with boron. Chemical Communications, 2015, 51, 14862-14865.	2.2	103
24	Multicomponent reactions and photo/electrochemistry join forces: atom economy meets energy efficiency. Chemical Society Reviews, 2022, 51, 2313-2382.	18.7	103
25	Efficient Microwaveâ€Assisted Synthesis of Secondary Alkylpropargylamines by Using A³â€Coupling with Primary Aliphatic Amines. Chemistry - A European Journal, 2010, 16, 3281-3284.	1.7	102
26	Sequential and direct multicomponent reaction (MCR)-based dearomatization strategies. Chemical Society Reviews, 2020, 49, 8721-8748.	18.7	101
27	Inhibiting bacterial cooperation is an evolutionarily robust anti-biofilm strategy. Nature Communications, 2020, 11, 107.	5.8	96
28	High-Speed Microwave-Promoted Hetero-Dielsâ^'Alder Reactions of 2(1H)-Pyrazinones in Ionic Liquid Doped Solvents. Journal of Organic Chemistry, 2002, 67, 7904-7907.	1.7	95
29	Unprecedented Cu(I)-Catalyzed Microwave-Assisted Three-Component Coupling of a Ketone, an Alkyne, and a Primary Amine. Organic Letters, 2010, 12, 2638-2641.	2.4	95
30	A Goldâ€Catalyzed Domino Cyclization Enabling Rapid Construction of Diverse Polyheterocyclic Frameworks. Angewandte Chemie - International Edition, 2018, 57, 272-276.	7.2	95
31	Synthesis of (spiro)cyclopentapyridinones via Csp3â€“H functionalization: a post-Ugi gold-catalyzed regioselective tandem cyclization. Chemical Communications, 2013, 49, 7171.	2.2	93
32	A concise route to indoloazocines via a sequential Ugiâ€“gold-catalyzed intramolecular hydroarylation. Chemical Communications, 2012, 48, 6550.	2.2	86
33	Photoinduced Wolff Rearrangement of Î±-Diazo-Î²-Ketophosphonates : A Novel Entry into Substituted Phosphonoacetates. Synthetic Communications, 1984, 14, 163-167.	1.1	85
34	Transition-Metal-Free Sonogashira-Type Coupling Reactions in Water. European Journal of Organic Chemistry, 2003, 2003, 4713-4716.	1.2	85
35	Gold(i) and platinum(ii) switch: a post-Ugi intramolecular hydroarylation to pyrrolopyridinones and pyrroloazepinones. Chemical Communications, 2012, 48, 10916.	2.2	84
36	Switching the regioselectivity via indium(iii) and gold(i) catalysis: a post-Ugi intramolecular hydroarylation to azepino- and azocino-[c,d]indolones. Chemical Communications, 2013, 49, 6803.	2.2	84

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37	Synthesis of Azocino[5,4â€b]indoles via Goldâ€Catalyzed Intramolecular Alkyne Hydroarylation. Advanced Synthesis and Catalysis, 2012, 354, 2841-2848.	2.1	83
38	A Microwave-Assisted Diastereoselective Multicomponent Reaction To Access Dibenzo[c,e]azepinones: Synthesis and Biological Evaluation. Journal of Organic Chemistry, 2011, 76, 2828-2839.	1.7	77
39	Photochemical and Electrochemical Strategies towards Benzylic Câ^'H Functionalization: A Recent Update. Advanced Synthesis and Catalysis, 2021, 363, 1810-1834.	2.1	74
40	Microwave-Enhanced Synthesis of N-Shifted Buflavine Analogues via a Suzukiâ^'Ring-Closing Metathesis Protocol. Organic Letters, 2005, 7, 2723-2726.	2.4	72
41	Peptide macrocyclization by transition metal catalysis. Chemical Society Reviews, 2020, 49, 2039-2059.	18.7	72
42	Efficient Synthesis of the Indoloazocine Framework via Intramolecular Alkyne Carbocyclization. Organic Letters, 2009, 11, 3618-3621.	2.4	68
43	Copper(II)-Mediated Cross-Coupling of Arylboronic Acids and 2(1H)-Pyrazinones Facilitated by Microwave Irradiation with Simultaneous Cooling. Organic Letters, 2006, 8, 1863-1866.	2.4	67
44	Transition Metalâ€Catalyzed Intermolecular Cascade Câ^'H Activation/Annulation Processes for the Synthesis of Polycycles. Chemistry - A European Journal, 2021, 27, 121-144.	1.7	66
45	Diversity-Oriented Synthesis of Dibenzoazocines and Dibenzoazepines via a Microwave-Assisted Intramolecular A³-Coupling Reaction. Organic Letters, 2010, 12, 2774-2777.	2.4	65
46	The First Palladium-Catalyzed Desulfitative Sonogashira-Type Cross-Coupling of (Hetero)aryl Thioethers with Terminal Alkynes. Organic Letters, 2008, 10, 1147-1150.	2.4	63
47	Temperature switchable BrÃ¸nsted acid-promoted selective syntheses of spiro-indolenines and quinolines. Chemical Communications, 2017, 53, 7732-7735.	2.2	63
48	Gold-catalyzed diastereoselective domino dearomatization/ipso-cyclization/aza-Michael sequence: a facile access to diverse fused azaspiro tetracyclic scaffolds. Chemical Communications, 2017, 53, 6413-6416.	2.2	63
49	Developments in Direct Cï£¿H Arylation of (Hetero)Arenes under Microwave Irradiation. Chemistry - A European Journal, 2013, 19, 1158-1168.	1.7	62
50	Microwave-Assisted Decarboxylative Three-Component Coupling of a 2-Oxoacetic Acid, an Amine, and an Alkyne. Journal of Organic Chemistry, 2011, 76, 7608-7613.	1.7	61
51	An Expedient Route to Imidazo[1,4]diazepin-7-ones via A Post-Ugi Gold-Catalyzed Heteroannulation. Organic Letters, 2013, 15, 1874-1877.	2.4	61
52	Synthesis of Î±-carbolines and Î²-carbolinones via intramolecular Diels-Alder reactions of 2(1H)-pyrazinones. Tetrahedron, 1998, 54, 13211-13226.	1.0	59
53	Microwave-Assisted Transition-Metal-Catalyzed Synthesis of N-Shifted and Ring-Expanded Buflavine Analogues. Chemistry - A European Journal, 2007, 13, 6452-6460.	1.7	59
54	An efficient microwave-assisted solvent-free synthesis of pyrido-fused ring systems applying the tert-amino effect. Tetrahedron, 2005, 61, 9052-9057.	1.0	57

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55	Tetrasubstituted 2-Imidazolones via Ag(I)-Catalyzed Cycloisomerization of Propargylic Ureas. Journal of Organic Chemistry, 2011, 76, 5867-5872.	1.7	56
56	Cationic Goldâ€•and Silverâ€Catalyzed Cycloisomerizations of Propargylic Ureas: A Selective Entry to Oxazolidinâ€2â€imines and Imidazolidinâ€2â€ones. Advanced Synthesis and Catalysis, 2013, 355, 781-789.	2.1	56
57	Microwave-promoted racemization and dynamic kinetic resolution of chiral amines over Pd on alkaline earth supports and lipases. Journal of Catalysis, 2008, 255, 206-212.	3.1	55
58	Post-Ugi Cyclization for the Construction of Diverse Heterocyclic Compounds: Recent Updates. Frontiers in Chemistry, 2018, 6, 557.	1.8	55
59	The Application of â€œClick Chemistryâ€•for the Decoration of 2(1H)-Pyrazinone Scaffold:Â Generation of Templates. ACS Combinatorial Science, 2005, 7, 490-502.	3.3	54
60	A Divergent Synthesis of Substituted 2-Aminoimidazoles from 2-Aminopyrimidines. Journal of Organic Chemistry, 2008, 73, 6691-6697.	1.7	54
61	Structureâ^'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 Salmonella Typhimurium and Pseudomonas aeruginosa. Journal of Medicinal Chemistry, 2011, 54, 472-484.	2.9	54
62	Catalyst-free alcoholysis of phosphane-boranes: a smooth, cheap, and efficient deprotection procedure. Tetrahedron, 2009, 65, 6410-6415.	1.0	53
63	Synthesis of Oxazolidinâ€2â€ones via a Copper(I)â€Catalyzed Tandem Decarboxylative/Carboxylative Cyclization of a Propiolic Acid, a Primary Amine and an Aldehyde. Advanced Synthesis and Catalysis, 2012, 354, 505-509.	2.1	53
64	Diversely Substituted Triazolo[1,5â€a][1,4]benzodiazepinones: A Postâ€Ugi Copperâ€Catalyzed Tandem Azideâ€“Alkyne Cycloaddition/Ullmann Câ€“N Coupling Approach. European Journal of Organic Chemistry, 2013, 2013, 1223-1227.	1.2	53
65	Silver-Nanoparticle-Catalyzed Dearomatization of Indoles toward 3-Spiroindolenines via a 5-exo-dig Spirocyclization. ACS Catalysis, 2016, 6, 8156-8161.	5.5	52
66	Domino Carbopalladation/Cï£¿H Functionalization Sequence: An Expedient Synthesis of Bisâ€Heteroaryls through Transient Alkyl/Vinylâ€“Palladium Species Capture. Chemistry - A European Journal, 2016, 22, 481-485.	1.7	52
67	Synthesis, extraction ability and application in asymmetric synthesis of azacrown ethers derived from D-glucose. Tetrahedron, 1998, 54, 14975-14988.	1.0	51
68	Microwave-enhanced transition metal-catalyzed decoration of 2(1H)-pyrazinone scaffolds. Molecular Diversity, 2003, 7, 125-134.	2.1	51
69	Microwave-Enhanced Synthesis of New (â^')-Steganacin and (â^')-Steganone Aza Analogues. Organic Letters, 2006, 8, 487-490.	2.4	51
70	Synthesis of Symmetric 1,4-Diamino-2-Butynes via a Cu(I)-Catalyzed One-Pot A3-Coupling/Decarboxylative Coupling of a Propiolic Acid, an Aldehyde, and an Amine. Journal of Organic Chemistry, 2012, 77, 5149-5154.	1.7	51
71	Diversityâ€Oriented Microwaveâ€Assisted Synthesis of the 3â€Benzazepine Framework. European Journal of Organic Chemistry, 2010, 2010, 4861-4867.	1.2	50
72	Unexpected alternative direction of a Biginelli-like multicomponent reaction with 3-amino-1,2,4-triazole as the urea component. Tetrahedron Letters, 2010, 51, 2095-2098.	0.7	50

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73	Synthesis of the Azocino[cd]indole Framework through Pdâ€Catalyzed Intramolecular Acetylene Hydroarylation. European Journal of Organic Chemistry, 2011, 2011, 1837-1840.	1.2	50
74	Synthesis and anti-inflammatory activity evaluation of novel triazolyl-isatin hybrids. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1520-1526.	2.5	50
75	Iridoids : Stereospecific synthesis of functionalized cyclopentanoid intermediates via bicyclo[2.2.1]heptanones. Tetrahedron Letters, 1983, 24, 5797-5800.	0.7	49
76	A convenient microwave-assisted desulfitative dimethylamination of the 2(1H)-pyrazinone scaffold using N,N-dimethylformamide. Tetrahedron, 2008, 64, 2605-2610.	1.0	47
77	Synthesis of spiroindolenines by intramolecular ipso-iodocyclization of indol ynones. Chemical Communications, 2018, 54, 3625-3628.	2.2	46
78	Convenient and rapid microwave-assisted synthesis of pyrido-fused ring systems applying the tert-amino effect. Green Chemistry, 2004, 6, 125-127.	4.6	45
79	A chromone analog inhibits TNF-Î± induced expression of cell adhesion molecules on human endothelial cells via blocking NF-ÎºB activation. Bioorganic and Medicinal Chemistry, 2007, 15, 2952-2962.	1.4	45
80	Cationic Gold(I)-Catalyzed Cascade Bicyclizations for Divergent Synthesis of (Spiro)polyheterocycles. ACS Catalysis, 2018, 8, 6388-6393.	5.5	45
81	Asymmetric Induction in Intramolecular meta Photocycloaddition:â€‰ Cyclodextrin-Mediated Solid-Phase Photochemistry of Various Phenoxyalkenes. Organic Letters, 2001, 3, 1173-1175.	2.4	44
82	Efficient One-Pot, Two-Step, Microwave-Assisted Procedure for the Synthesis of Polysubstituted 2-Aminoimidazoles. Organic Letters, 2006, 8, 5781-5784.	2.4	44
83	Post-Ugi gold-catalyzed diastereoselective domino cyclization for the synthesis of diversely substituted spiroindolines. Beilstein Journal of Organic Chemistry, 2013, 9, 2097-2102.	1.3	44
84	Efficient Pd(0)-Mediated Microwave-Assisted Arylation of 2-Substituted Imidazo[1,2-a]pyrimidines. ACS Combinatorial Science, 2006, 8, 659-663.	3.3	43
85	Microwaveâ€Assisted Synthesis of Pyrazino[2,1â€b]quinazolines and 3â€Indolylâ€2(1H)â€pyrazinones Employing a Chemoselective Silver(I)â€and Gold(I)â€Catalyzed Reaction. Advanced Synthesis and Catalysis, 2012, 354, 1593-1599.	2.1	43
86	Post Ugi Gold(I)- and Platinum(II)-Catalyzed Alkyne Activation: Synthesis of Diversely Substituted Fused Azepinones and Pyridinones. Synthesis, 2013, 45, 2571-2582.	1.2	43
87	Smart Metalâ€“Organic Framework Coatings: Triggered Antibiofilm Compound Release. ACS Applied Materials & Interfaces, 2017, 9, 4440-4449.	4.0	43
88	Modular Access to Diverse Bridged Indole Alkaloid Mimics via a Gold-Triggered Cascade Dearomative Spirocarbocyclization/[4 + 2] Cycloaddition Sequence. Organic Letters, 2019, 21, 4469-4474.	2.4	43
89	Generation of a Small Library of Highly Electron-Rich 2-(Hetero)Aryl-Substituted Phenethylamines by the Suzukiâ€“Miyaura Reaction: A Short Synthesis of an Apogalanthamine Analogue. European Journal of Organic Chemistry, 2004, 2004, 3277-3285.	1.2	42
90	Regioselective Cu(I)-Catalyzed Tandem A³-Coupling/Decarboxylative Coupling to 3-Amino-1,4-Enynes. Organic Letters, 2012, 14, 1942-1945.	2.4	42

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91	Microwave-Assisted Palladium-Catalyzed Phosphonium Coupling of 2(1H)-Pyrazinones. Journal of Organic Chemistry, 2010, 75, 976-979.	1.7	41
92	Rhodium(<scp>iii</scp>)-catalyzed intramolecular annulation through Câ€“H activation: concise synthesis of rosettacin and oxypalmatime. Chemical Communications, 2017, 53, 12394-12397.	2.2	41
93	An Exploratory Study on Microwave-Assisted Solid-Phase Dielsâ^'Alder Reactions of 2(1H)-Pyrazinones:â€‰the Elaboration of a New Tailor-Made Acid-Labile Linker. ACS Combinatorial Science, 2003, 5, 560-568.	3.3	40
94	An Expeditious Route toward Pyrazine-Containing Nucleoside Analogues. Journal of Organic Chemistry, 2011, 76, 846-856.	1.7	40
95	Supported gold nanoparticles as efficient and reusable heterogeneous catalyst for cycloisomerization reactions. Green Chemistry, 2015, 17, 3314-3318.	4.6	40
96	Indirect Coupling of the 2(1H)-pyrazinone Scaffold with Various (oligo)-saccharides via ?click chemistry?:en route towards Glycopeptidomimetics. QSAR and Combinatorial Science, 2004, 23, 915-918.	1.5	39
97	Diversity Oriented Microwave-Assisted Synthesis of (â^')-Steganacin Aza-Analogues. Journal of Organic Chemistry, 2008, 73, 7509-7516.	1.7	39
98	Copper-mediated N- and O-arylations with arylboronic acids in a continuous flow microreactor: a new avenue for efficient scalability. Tetrahedron Letters, 2009, 50, 15-18.	0.7	39
99	Structureâ€“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 Salmonella Typhimurium and Pseudomonas aeruginosa. Bioorganic and Medicinal Chemistry, 2011, 19, 3462-3473.	1.4	39
100	Regioselective Synthesis of Diversely Substituted Diazoninones Through a Postâ€Ugi Goldâ€Catalyzed Intramolecular Hydroarylation Process. European Journal of Organic Chemistry, 2014, 2014, 2084-2091.	1.2	39
101	Gold-Catalyzed Post-Ugi Ipso-Cyclization with Switchable Diastereoselectivity. Journal of Organic Chemistry, 2018, 83, 8170-8182.	1.7	39
102	An Asymmetric Approach towards (â€“)â€Aphanorphine and Its Analogues. European Journal of Organic Chemistry, 2009, 2009, 793-796.	1.2	38
103	Ligand-controlled product selectivity in palladium-catalyzed domino post-Ugi construction of (spiro)polyheterocycles. Chemical Communications, 2016, 52, 5516-5519.	2.2	38
104	The effect of pressure on microwave-enhanced Dielsâ€“Alder reactions. A case study. Organic and Biomolecular Chemistry, 2004, 2, 154-156.	1.5	37
105	Microwave-assisted, Mo(CO)6-mediated, palladium-catalyzed amino-carbonylation of aryl halides using allylamine: from exploration to scale-up. Tetrahedron Letters, 2008, 49, 5625-5628.	0.7	37
106	Gold(I)â€Catalyzed Postâ€Ugi Hydroarylation: An Approach to Pyrrolopyridines and Azepinoindoles. European Journal of Organic Chemistry, 2013, 2013, 2288-2292.	1.2	37
107	Palladiumâ€Catalyzed Desulfitative Cï£¿C Crossâ€Coupling Reaction of (Hetero)Aryl Thioesters and Thioethers with Arylsiloxanes. Advanced Synthesis and Catalysis, 2008, 350, 2174-2178.	2.1	36
108	Microwaveâ€Assisted Copperâ€Catalyzed Oxidative Cyclization of Acrylamides with Nonâ€Activated Ketones. Chemistry - A European Journal, 2016, 22, 5878-5882.	1.7	36

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109	Photochemical methods for deuterium labelling of organic molecules. Green Chemistry, 2020, 22, 7725-7736.	4.6	36
110	Microwave Irradiation and Multicomponent Reactions. Topics in Heterocyclic Chemistry, 2010, , 169-230.	0.2	35
111	Unlocking the Accessibility of Alkyl Radicals from Boronic Acids through Solvent-Assisted Organophotoredox Activation. ACS Catalysis, 2021, 11, 10862-10870.	5.5	35
112	Mild Room-Temperature Palladium-Catalyzed C3-Arylation of 2(1H)-Pyrazinones via a Desulfitative Kumada-Type Cross-Coupling Reaction. Journal of Organic Chemistry, 2009, 74, 6870-6873.	1.7	34
113	Copperâ€Catalyzed Direct Secondary and Tertiary Cï£¿H Alkylation of Azoles through a Heteroareneâ€“Amineâ€“Aldehyde/Ketone Coupling Reaction. Angewandte Chemie - International Edition, 2013, 52, 2547-2550.	7.2	34
114	Evaluation of the antibacterial and antibiofilm activities of novel CRAMPâ€“vancomycin conjugates with diverse linkers. Organic and Biomolecular Chemistry, 2015, 13, 7477-7486.	1.5	34
115	Diversityâ€Oriented Synthesis of Î²â€Lactams and Î³â€Lactams by Postâ€Ugi Nucleophilic Cyclization: Lewis Acids as Regioselective Switch. European Journal of Organic Chemistry, 2015, 2015, 3957-3962.	1.2	34
116	Synthesis of a conformationally restricted dipeptide analogue and its evaluation as a Î²-turn mimic. Tetrahedron Letters, 2001, 42, 5693-5695.	0.7	33
117	d-Isomannide in synthesis: asymmetric Dielsâ€“Alder reactions with novel homochiral bis-imine Cu2+-catalysts. Tetrahedron: Asymmetry, 2002, 13, 1673-1679.	1.8	33
118	A Novel and Versatile Entry to Asymmetrically Substituted Pyrazines. Journal of Organic Chemistry, 2008, 73, 2382-2388.	1.7	33
119	Microwave-assisted synthesis of substituted 2-amino-1H-imidazoles from imidazo[1,2-a]pyrimidines. Tetrahedron Letters, 2009, 50, 5218-5220.	0.7	33
120	Direct Heteroarylation of Tautomerizable Heterocycles into Unsymmetrical and Symmetrical Biheterocycles via Pd/Cu-Catalyzed Phosphonium Coupling. Organic Letters, 2012, 14, 1854-1857.	2.4	33
121	Study of the Chemoselectivity of Multicomponent Heterocyclizations Involving 3â€Aminoâ€1,2,4â€triazole and Pyruvic Acids as Key Reagents, and Biological Activity of the Reaction Products. European Journal of Organic Chemistry, 2015, 2015, 4481-4492.	1.2	33
122	Catalyst-controlled exo/endo selectivity in a post-Ugi intramolecular hydroarylation: synthesis of pyrrolopyridinones, pyrroloazepinones, and benzothienopyridines. Tetrahedron, 2015, 71, 3333-3342.	1.0	33
123	Solid-Phase Synthesis of the 2(1H)-Pyrazinone Scaffold:Â A New Approach toward Diversely Substituted Heterocycles. ACS Combinatorial Science, 2005, 7, 90-95.	3.3	32
124	Heckâ€“Suzuki Tandem Reaction for the Synthesis of 3-Benzazepines. Journal of Organic Chemistry, 2015, 80, 6598-6608.	1.7	32
125	Diversification of the 3-benzazepine scaffold applying Ugi/reductive Heck sequence. Tetrahedron, 2015, 71, 3863-3871.	1.0	31
126	Ruthenium-catalyzed cascade Câ€“H activation/annulation of N-alkoxybenzamides: reaction development and mechanistic insight. Chemical Science, 2020, 11, 11562-11569.	3.7	31

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127	Imidateâ€“Phosphanes as Highly Versatile N,P Ligands and Their Application in Palladiumâ€Catalyzed Asymmetric Allylic Alkylation Reactions. European Journal of Organic Chemistry, 2010, 2010, 4056-4061.	1.2	30
128	Nano Cu-catalyzed efficient and selective reduction of nitroarenes under combined microwave and ultrasound irradiation. Sustainable Chemical Processes, 2014, 2, .	2.3	30
129	Assembly of a 1Hâ€Pyrrolâ€2(5H)â€one Core through a Cascade Ugi Reaction/5â€endoâ€dig Carbocyclization/Retroâ€Claisen Fragmentation Process. European Journal of Organic Chemistry, 2014, 2014, 6390-6393.	1.2	30
130	<scp>Metalâ€Free</scp> Decarboxylation of Î±,<scp>Î²â€Unsaturated</scp> Carboxylic Acids for Carbonâ€“Carbon and Carbonâ€“Heteroatom Coupling Reactions. Chinese Journal of Chemistry, 2020, 38, 1780-1792.	2.6	30
131	Aldehydes: magnificent acyl equivalents for direct acylation. Organic and Biomolecular Chemistry, 2020, 18, 7987-8033.	1.5	30
132	Pd/Cu-Catalyzed Câ€“H Arylation of 1,3,4-Thiadiazoles with (Hetero)aryl Iodides, Bromides, and Triflates. Journal of Organic Chemistry, 2012, 77, 8768-8774.	1.7	29
133	Microwave-assisted synthesis of 4H-benzo[f]imidazo[1,4]diazepin-6-ones via a post-Ugi copper-catalyzed intramolecular Ullmann coupling. Tetrahedron Letters, 2014, 55, 2070-2074.	0.7	29
134	Copperâ€Catalyzed Diversityâ€Oriented Threeâ€•and Fiveâ€•Component Synthesis of Monoâ€•and Dipropargylic Amines via Coupling of Alkynes, Î±â€Amino Esters and Aldehydes. Advanced Synthesis and Catalysis, 2014, 356, 1029-1037.	2.1	29
135	Pdâ€Catalyzed Csp²ï£¿H Functionalization of Heteroarenes via Isocyanide Insertion: Concise Synthesis of Diâ€(Hetero)Aryl Ketones and Diâ€(Hetero)Aryl Alkylamines. Chemistry - A European Journal, 2015, 21, 4908-4912.	1.7	29
136	Iron(II)-Catalyzed Heck-Type Coupling of Vinylarenes with Alkyl Iodides. Organic Letters, 2019, 21, 776-779.	2.4	29
137	Photoredox-Catalyzed Hydrosulfonylation of Arylallenes. Journal of Organic Chemistry, 2020, 85, 2250-2259.	1.7	29
138	Palladium-Catalyzed Arylative Dearomatization and Subsequent Aromatization/Dearomatization/Aza-Michael Addition: Access to Zephycarinatine and Zephygranditine Skeletons. Organic Letters, 2021, 23, 5065-5070.	2.4	29
139	Anti-Inflammatory and Antioxidant Properties of Piper Species: A Perspective from Screening to Molecular Mechanisms. Current Topics in Medicinal Chemistry, 2015, 15, 886-893.	1.0	29
140	A domino Ugi/Michael approach for the synthesis of Î±,Î²-unsaturated Î³-lactams. Tetrahedron Letters, 2016, 57, 754-756.	0.7	28
141	Uncovering the Potential of Boronic Acid and Derivatives as Radical Source in Photo(electro)chemical Reactions. Advanced Synthesis and Catalysis, 2022, 364, 1643-1665.	2.1	28
142	Synthesis of [1,2,3]-triazolo[1,5-a][1,4]benzodiazepines via an unprecedented one-pot Cu-catalyzed azidationâ€“cyclization reaction. Tetrahedron, 2013, 69, 4331-4337.	1.0	27
143	Unexpected regio- and chemoselectivity of cationic gold-catalyzed cycloisomerizations of propargylureas: access to tetrasubstituted 3,4-dihydropyrimidin-2(1H)-ones. Organic and Biomolecular Chemistry, 2014, 12, 1741.	1.5	27
144	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. ACS Combinatorial Science, 2014, 16, 535-542.	3.8	27

#	Article	IF	Citations
145	Regioâ€•and Chemoselective Formation of Spiroindolinoneâ€“Isoindolinone by a Palladiumâ€Catalyzed Buchwaldâ€“Hartwig Additionâ€“Elimination Sequence. European Journal of Organic Chemistry, 2014, 2014, 6634-6638.	1.2	27
146	Leachingâ€Free Supported Gold Nanoparticles Catalyzing Cycloisomerizations under Microflow Conditions. Advanced Synthesis and Catalysis, 2015, 357, 3141-3147.	2.1	27
147	Goldâ€•and Silverâ€Catalyzed 7â€endoâ€dig Cyclizations for the Synthesis of Oxazepines. European Journal of Organic Chemistry, 2015, 2015, 4190-4197.	1.2	27
148	Copper-catalyzed alkylarylation of activated alkenes using isocyanides as the alkyl source: an efficient radical access to 3,3-dialkylated oxindoles. Chemical Communications, 2016, 52, 6395-6398.	2.2	27
149	Chemoâ€•and Regioselective Catalystâ€Controlled Carbocyclization of Alkynyl Ketones: Rapid Synthesis of 1â€•Indanones and 1â€•Naphthols. Chemistry - A European Journal, 2019, 25, 7645-7648.	1.7	27
150	L-Ribulose: A novel chiral pool compound. Tetrahedron Letters, 1990, 31, 2337-2340.	0.7	26
151	Microwave-assisted one-pot synthesis and anti-biofilm activity of 2-amino-1H-imidazole/triazole conjugates. Organic and Biomolecular Chemistry, 2014, 12, 3671-3678.	1.5	26
152	Metalâ€Free Dearomatization: Direct Access to Spiroindol(en)ines in Batch and Continuousâ€Flow. Chemistry - A European Journal, 2019, 25, 2442-2446.	1.7	26
153	Recent Developments in Transition-Metal Catalyzed Direct Câ€“H Alkenylation, Alkylation, and Alkynylation of Azoles. Molecules, 2020, 25, 4970.	1.7	26
154	Transition Metal-Catalyzed Orthogonal Solid-Phase Decoration of the 2(1H)-Pyrazinone Scaffold Using a Sulfur Linker. ACS Combinatorial Science, 2007, 9, 446-453.	3.3	25
155	Synthesis of polysubstituted pyridines under combined microwave and ultrasound irradiation: K2CO3-promoted tandem addition/cyclization/hydrogen shift process. Tetrahedron Letters, 2012, 53, 1160-1162.	0.7	25
156	Copper(I)â€Catalyzed Decarboxylative Coupling of Propiolic Acids with Secondary Amines and Aldehydes. European Journal of Organic Chemistry, 2014, 2014, 5346-5350.	1.2	25
157	Synthesis of novel imidazole-based triheterocyclesÂvia a domino Ugi/Michael reaction and silver-catalyzed heteroannulation. RSC Advances, 2016, 6, 103601-103605.	1.7	25
158	Synthesis of Thiazolidineâ€2â€thiones through a Oneâ€Pot A³â€Couplingâ€“Carbon Disulfide Incorporation Process. European Journal of Organic Chemistry, 2017, 2017, 1063-1069.	1.2	25
159	Facile construction of diverse polyheterocyclic scaffolds via gold-catalysed dearomative spirocyclization/1,6-addition cascade. Organic and Biomolecular Chemistry, 2019, 17, 6284-6292.	1.5	25
160	L-(S)-Erythrulose: The synthesis of (R)-1,2,4-butanetriol and of some related C4 chirons.. Tetrahedron Letters, 1987, 28, 4759-4760.	0.7	24
161	Palladium-catalyzed copper(i)-mediated cross-coupling of arylboronic acids and 2(1H)-pyrazinones facilitated by microwave irradiation with simultaneous cooling. Organic and Biomolecular Chemistry, 2007, 5, 2962.	1.5	24
162	Synthesis of Furo[2,3â€b]pyrazine Nucleoside Analogues with 1,2,3â€Triazole Linkage. QSAR and Combinatorial Science, 2007, 26, 1266-1273.	1.5	24

#	Article	IF	Citations
163	Synthesis of Differentially Substituted 2-Aminoimidazolidines via a Microwave-Assisted Tandem Staudinger/Aza-Wittig Cyclization. Journal of Organic Chemistry, 2013, 78, 5737-5743.	1.7	24
164	Diversity-oriented synthesis of 1,3-benzodiazepines. Tetrahedron, 2017, 73, 6372-6380.	1.0	24
165	A Lewis Base Catalysis Approach for the Photoredox Activation of Boronic Acids and Esters. Angewandte Chemie, 2017, 129, 15332-15336.	1.6	24
166	Microwaveâ€Assisted Rutheniumâ€Catalysed orthoâ€Câ^'H Functionalization of Nâ€Benzoyl Î±â€Amino Ester Derivatives. Advanced Synthesis and Catalysis, 2018, 360, 3083-3089.	2.1	24
167	Recent Advances in the Synthesis and Ringâ€Opening Transformations of 2â€Oxazolidinones. Advanced Synthesis and Catalysis, 2021, 363, 5168-5195.	2.1	23
168	Synthesis and biological activity evaluation of N-protected isatin derivatives as inhibitors of ICAM-1 expression on human endothelial cells. MedChemComm, 2011, 2, 743.	3.5	22
169	Synthesis and HIV-1 RT inhibitory action of novel (4/6-substituted benzo[d]thiazol) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 T Inhibition and Medicinal Chemistry, 2013, 28, 113-122.	2.5	22
170	Facile and diverse microwave-assisted synthesis of secondary propargylamines in water using CuCl/CuCl2. RSC Advances, 2015, 5, 28921-28924.	1.7	22
171	Diversely Substituted Indoloazepinones and Indoloazocinones: A Post-Ugi Gold-Catalyzed Regioselective Carbocyclization Approach. Synthesis, 2015, 47, 1337-1347.	1.2	22
172	Copperâ€Catalyzed Multicomponent Reactions: Synthesis of Fused 1,2,3â€Triazoloâ€1,3,6â€triazonines. European Journal of Organic Chemistry, 2017, 2017, 2579-2586.	1.2	22
173	Heterogeneously Catalyzed Synthesis of Imidazolones via Cycloisomerizations of Propargylic Ureas Using Ag and Au/Al SBA-15 Systems. ACS Sustainable Chemistry and Engineering, 2019, 7, 5568-5575.	3.2	22
174	Access to Polycyclic Azepino[5,4,3-cd]indoles via a Gold-Catalyzed Post-Ugi Dearomatization Cascade. Journal of Organic Chemistry, 2020, 85, 15092-15103.	1.7	22
175	Continuous Microwave-Assisted Synthesis of Silver Nanoclusters Confined in Mesoporous SBA-15: Application in Alkyne Cyclizations. Chemistry of Materials, 2020, 32, 2874-2883.	3.2	22
176	Iridoids: the revised structure of specionin. Journal of the Chemical Society Chemical Communications, 1985, , 1719.	2.0	21
177	Iridoids : The structure elucidation of specionin based on chemical evidence and 1H NMR analysis. Tetrahedron, 1986, 42, 5385-5386.	1.0	21
178	Intramolecular ortho and meta photocycloadditions of 4-phenoxybut-1-enes substituted in the arene residue with carbomethoxy, carbomethoxymethyl, and 2-carbomethoxyethyl groups. Journal of Photochemistry and Photobiology A: Chemistry, 2000, 133, 135-146.	2.0	21
179	Design and synthesis of novel type VI-like Î²-turn mimetics. Diversity at the i+1 and the i+2 position. Tetrahedron, 2004, 60, 11597-11612.	1.0	21
180	Specificities of acetoxy derivatives of coumarins, biscoumarins, chromones, flavones, isoflavones and xanthones for acetoxy drug: Protein transacetylase. European Journal of Medicinal Chemistry, 2007, 42, 447-455.	2.6	21

#	Article	IF	Citations
181	Hypervalent Iodine(III)â€Mediated Cascade Cyclization of Propargylguanidines and Total Syntheses of Kealiinineâ€...B and C. Chemistry - A European Journal, 2017, 23, 5224-5227.	1.7	21
182	Recent Advances in Phthalan and Coumaran Chemistry. ChemistryOpen, 2018, 7, 914-929.	0.9	21
183	Diversification of Peptidomimetics and Oligopeptides through Microwaveâ€Assisted Rhodium(III)â€Catalyzed Intramolecular Annulation. Advanced Synthesis and Catalysis, 2019, 361, 4442-4447.	2.1	21
184	Silver(I) Triflateâ€Catalyzed Protocol for the Postâ€Ugi Synthesis of Spiroindolines. Advanced Synthesis and Catalysis, 2020, 362, 261-268.	2.1	21
185	An Overview of Syntheses of Apogalanthamine Analogues and 7â€Aza Derivatives of Steganacin and Steganone. European Journal of Organic Chemistry, 2008, 2008, 5867-5886.	1.2	20
186	Rhodium(III)-catalyzed intermolecular cascade annulation through C-H activation: Concise synthesis of rosettacin. Molecular Catalysis, 2018, 459, 129-134.	1.0	20
187	N-Heterocyclic Carbene Catalyzed Aroylation of 3,5-Dichloro-2(1H)-pyrazinones. Journal of Organic Chemistry, 2011, 76, 2920-2925.	1.7	19
188	A facile diversity-oriented synthesis of imidazo[1,2-a]pyrazinones viaÂgold-catalyzed regioselective heteroannulation of propynylaminopyrazinones. Tetrahedron, 2013, 69, 359-365.	1.0	19
189	Ugi Reaction Followed by Intramolecular Dielsâ€“Alder Reaction and Elimination of HCl: Oneâ€Pot Approach to Areneâ€Fused Isoindolinones. European Journal of Organic Chemistry, 2017, 2017, 4379-4388.	1.2	19
190	Stereoselective intramolecular Dielsâ€“Alder reactions of 3-alkenyl(oxy)-2(1H)-pyrazinones. Tetrahedron Letters, 2002, 43, 447-449.	0.7	18
191	One-pot microwave-assisted protocol for the synthesis of substituted 2-amino-1H-imidazoles. Molecular Diversity, 2011, 15, 491-496.	2.1	18
192	Cationic Rhodium(III)â€Catalyzed Direct Câ€2 Carboxamidation of Indoles with Isocyanates via Cï¿¿H Bond Functionalization. Advanced Synthesis and Catalysis, 2015, 357, 2615-2621.	2.1	18
193	Post-Ugi carbocyclization/fragmentation sequence for the synthesis of 6,7-dihydro-5H-pyrrolo[3,4-b]pyridin-5-ones. Tetrahedron Letters, 2015, 56, 2882-2886.	0.7	18
194	The Application of Multicomponent Ugi and Passerini Reactions for the One-Pot Synthesis of Pyrrolones and Butenolides. Synthesis, 2016, 48, 2280-2286.	1.2	18
195	Modulation of the Substitution Pattern of 5-Aryl-2-Aminoimidazoles Allows Fine-Tuning of Their Antibiofilm Activity Spectrum and Toxicity. Antimicrobial Agents and Chemotherapy, 2016, 60, 6483-6497.	1.4	18
196	Dual roles of ynoates: desymmetrization of dicarboxylic acids using trialkylamines as alkyl equivalents. Organic Chemistry Frontiers, 2018, 5, 2955-2959.	2.3	18
197	Synthetic Access to Secondary Propargylamines via a Copper-Catalyzed Oxidative Deamination/Alkynylation Cascade. Journal of Organic Chemistry, 2019, 84, 10501-10508.	1.7	18
198	Intramolecular cascade annulation triggered by C H activation via rhodium hydride intermediate. Molecular Catalysis, 2019, 463, 30-36.	1.0	18

#	Article	IF	Citations
199	Synthesis of Pyrrolo[1,2-b]isoquinolines via Gold(I)-Catalyzed Cyclization/Enyne Cycloisomerization/1,2-Migration Cascade. Organic Letters, 2020, 22, 6537-6542.	2.4	18
200	Iridoids : on the synthesis and structure of specionin. Tetrahedron Letters, 1985, 26, 367-370.	0.7	17
201	Microwave-Assisted Natural Product Chemistry. Topics in Current Chemistry, 2006, , 1-47.	4.0	17
202	Efficient Synthesis of Uracilâ€Derived Hexaâ€and Tetrahydropyrido[2,3â€d]pyrimidines. European Journal of Organic Chemistry, 2013, 2013, 5364-5369.	1.2	17
203	Synthesis, Antiproliferative, and câ€Src Kinase Inhibitory Activities of 4â€Oxoâ€4Hâ€1â€benzopyran Derivatives. Journal of Heterocyclic Chemistry, 2015, 52, 562-572.	1.4	17
204	Synthesis of fused 1,2,3-triazolo-1,3,6-triazonines through copper-catalyzed intramolecular Ullmann cross-coupling reaction. Tetrahedron Letters, 2016, 57, 4885-4889.	0.7	17
205	Direct C-2 acylation of indoles with toluene derivatives via Pd(<scp>ii</scp>)-catalyzed Câ€“H activation. RSC Advances, 2017, 7, 32559-32563.	1.7	17
206	New tricks of well-known aminoazoles in isocyanide-based multicomponent reactions and antibacterial activity of the compounds synthesized. Beilstein Journal of Organic Chemistry, 2017, 13, 1050-1063.	1.3	17
207	DBU-Catalyzed Alkyneâ€“Imidate Cyclization toward 1-Alkoxypyrazino[1,2-a]indole Synthesis. Journal of Organic Chemistry, 2018, 83, 9305-9311.	1.7	17
208	Microwave-Assisted Palladium-Catalyzed Reductive Cyclization/Ring-Opening/Aromatization Cascade of Oxazolidines to Isoquinolines. Organic Letters, 2021, 23, 6578-6582.	2.4	17
209	Photoredox-catalyzed multicomponent Petasis reaction in batch and continuous flow with alkyl boronic acids. IScience, 2021, 24, 103134.	1.9	17
210	Sudan-Î²- d -glucuronides and their use for the histochemical localization of Î²-glucuronidase activity in transgenic plants. Plant Cell Reports, 2000, 19, 966-970.	2.8	16
211	Microwave-assisted synthesis of a novel class of imidazolylthiazolidin-4-ones and evaluation of its biological activities. Molecular Diversity, 2010, 14, 767-776.	2.1	16
212	Microwave-Assisted Chemistry of 2(1H)-pyrazinones. Current Organic Chemistry, 2011, 15, 265-283.	0.9	16
213	Novel natural product-based cinnamates and their thio and thiono analogs as potent inhibitors of cell adhesion molecules on human endothelial cells. European Journal of Medicinal Chemistry, 2011, 46, 5498-5511.	2.6	16
214	Fast Assembly of 1H-Imidazo[1,2-a]imidazol-5-amines via Groebke-Blackburn-BienaymÃ© Reaction with 2-Aminoimidazoles. Synlett, 2013, 24, 351-354.	1.0	16
215	A Gold(I)-Catalyzed Hydroamination/Cycloisomerization Cascade: Concise Synthesis of (Â±)-seco-Antofine and (Â±)-Septicine. Organic Letters, 2020, 22, 8441-8445.	2.4	16
216	On-resin multicomponent protocols for biopolymer assembly and derivatization. Nature Protocols, 2021, 16, 561-578.	5.5	16

#	Article	IF	Citations
217	Intramolecular ortho and meta photocycloadditions of 3-alkyl-4-phenoxybut-1-enes. Tetrahedron Letters, 1995, 36, 3573-3576.	0.7	15
218	Synthesis of Novel Functionalised Symmetric Bi-2(1H)-pyrazinones. Synlett, 2005, 2005, 0777-0780.	1.0	15
219	Efficient one-step synthesis of chiral bidentate oxazoline-alcohol ligands via a cyclic imidate ester rearrangement. Tetrahedron: Asymmetry, 2009, 20, 1962-1968.	1.8	15
220	Diversity-Oriented Synthesis of Substituted Furo[2,3-b]pyrazines. Australian Journal of Chemistry, 2009, 62, 27.	0.5	15
221	Ammonium derivatives of chromenones and quinolinones as lead antimicrobial agents. Journal of Chemical Sciences, 2012, 124, 437-449.	0.7	15
222	Microwave-Assisted, Metal-Free, Base-Mediated Câ€“N Bond Formation/Cleavage: Synthesis of Benzimidazo[1,2-‹i›a‹/i›]quinazoline Derivatives. ACS Sustainable Chemistry and Engineering, 2016, 4, 2206-2210.	3.2	15
223	Polysubstituted 2-aminoimidazoles as anti-biofilm and antiproliferative agents: Discovery of potent lead. European Journal of Medicinal Chemistry, 2017, 138, 152-169.	2.6	15
224	Gold-catalyzed post-Ugi alkyne hydroarylation for the synthesis of 2-quinolones. Beilstein Journal of Organic Chemistry, 2018, 14, 2572-2579.	1.3	15
225	Gold-catalyzed post-MCR transformations towards complex (poly)heterocycles. Drug Discovery Today: Technologies, 2018, 29, 61-69.	4.0	15
226	A gold-triggered dearomative spirocarbocyclization/Dielsâ€“Alder reaction cascade towards diverse bridged N-heterocycles. Organic and Biomolecular Chemistry, 2019, 17, 9529-9536.	1.5	15
227	Microwave-Enhanced Cadogan Cyclization: An Easy Access to the 2-Substituted Carbazoles and other Fused Heterocyclic Systems. Synlett, 2005, 2005, 127-133.	1.0	14
228	Novel Thermal and Microwave-Assisted Facile Route to Naphthalen-2(1H)-ones via an Oxidative Alkoxylation-Ring-Opening Protocol. Organic Letters, 2009, 11, 2964-2967.	2.4	14
229	A Oneâ€Pot Synthesis of Triazolodiazepines. European Journal of Organic Chemistry, 2015, 2015, 4726-4731.	1.2	14
230	Tunability of Size and Magnetic Moment of Iron Oxide Nanoparticles Synthesized by Forced Hydrolysis. Materials, 2016, 9, 554.	1.3	14
231	Ruthenium-catalysed one-pot regio- and diastereoselective synthesis of pyrrolo[1,2-a]indoles via cascade Câ€“H functionalization/annulation. Chemical Communications, 2017, 53, 10812-10815.	2.2	14
232	Iridoids: An efficient conversion of (â^')-catalpol into (â^')-specionin. Tetrahedron Letters, 1987, 28, 3519-3520.	0.7	13
233	De novo design of small molecule inhibitors targeting the LEDGF/p75-HIVintegrase interaction. RSC Advances, 2012, 2, 974-984.	1.7	13
234	Arylalkyl Ketones, Benzophenones, Desoxybenzoins and Chalcones Inhibit TNFâ€Î± Induced Expression of ICAMâ€1: Structureâ€Activity Analysis. Archiv Der Pharmazie, 2012, 345, 368-377.	2.1	13

#	Article	IF	Citations
235	Diversely Substituted Imidazo[1,2â€a]pyrazineâ€8â€oxoâ€3â€carbaldehydes: An Iodineâ€Mediated Cyclization/Oxidation Approach. European Journal of Organic Chemistry, 2013, 2013, 693-700.	1.2	13
236	Iodine-mediated regioselective guanylation-amination of propargylamines towards the synthesis of diversely substituted 2-aminoimidazoles. RSC Advances, 2016, 6, 75202-75206.	1.7	13
237	Gold and silver nanoparticle-catalyzed synthesis of heterocyclic compounds. Chemistry of Heterocyclic Compounds, 2018, 54, 241-248.	0.6	13
238	Metalâ€Free Decarboxylative A³â€Coupling/Pictetâ€“Spengler Cascade Accessing Polycyclic Scaffolds: Propiolic Acids Exceed Alkynes. European Journal of Organic Chemistry, 2020, 2020, 1695-1699.	1.2	13
239	Visible-Light-Driven Palladium-Catalyzed Radical Tandem Dearomatization of Indoles with Unactivated Alkenes. Organic Letters, 2022, 24, 1213-1218.	2.4	13
240	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. Combinatorial Chemistry and High Throughput Screening, 2007, 10, 790-801.	0.6	12
241	Microwaveâ€Assisted Palladiumâ€Catalyzed Heterogeneous Vinylation of 2(1H)â€Pyridones. European Journal of Organic Chemistry, 2009, 2009, 4589-4592.	1.2	12
242	Solvent switchable cycloaddition: a (one-pot) metal-free approach towards N-substituted benzo[e]- or [f]isoindolones via C_{sp2}â€“H functionalization. Organic and Biomolecular Chemistry, 2014, 12, 8861-8865.	1.5	12
243	Remote Amideâ€Controlled Goldâ€Catalyzed Stereoselective Hydroâ€heteroarylation of Acrylamides: Access to Pyrido[3,4â€b]indoles. European Journal of Organic Chemistry, 2015, 2015, 2124-2128.	1.2	12
244	Intramolecular cascade annulation triggered by rhodium(III)-catalyzed sequential C(sp²)â€“H activation and C(sp³)â€“H amination. Beilstein Journal of Organic Chemistry, 2019, 15, 571-576.	1.3	12
245	Palladiumâ€Catalyzed Domino Synthesis of 2,3â€Difunctionalized Indoles via Migratory Insertion of Isocyanides in Batch and Continuous Flow. Advanced Synthesis and Catalysis, 2021, 363, 3220-3226.	2.1	12
246	Synthetic Strategies in the Preparation of Phenanthridinones. Molecules, 2021, 26, 5560.	1.7	12
247	Stereoselective synthesis of trans-fused tetrahydrofuran derivatives of 5H-dibenzo[a,d]cycloheptene. Tetrahedron Letters, 2002, 43, 3011-3015.	0.7	11
248	Gold-Catalyzed Cyclization Processes: Pivotal Avenues for Organic Synthesis. Chemical Record, 2016, 16, 73-83.	2.9	11
249	Recent approaches to the synthesis of 2H-azirines. Chemistry of Heterocyclic Compounds, 2019, 55, 795-801.	0.6	11
250	An antibiofilm coating of 5â€arylâ€2â€aminoimidazole covalently attached to a titanium surface. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 1908-1919.	1.6	11
251	A New Colorimetric Test for Solid-Phase Amines and Thiols. ACS Combinatorial Science, 2008, 10, 580-585.	3.3	10
252	A Concise Microwave-Assisted Synthesis of 2-Aminoimidazole Marine Sponge Alkaloids of the Isonaamines Series. Synthesis, 2008, 2008, 2083-2088.	1.2	10

#	Article	IF	Citations
253	Synthesis of functionalized furopyrazines as restricted dipeptidomimetics. Tetrahedron, 2012, 68, 3019-3029.	1.0	10
254	FeCl3-promoted synthesis of 1,3,4-thiadiazoles under combined microwave and ultrasound irradiation in water. Monatshefte FÃ¼r Chemie, 2013, 144, 681-686.	0.9	10
255	Cu(<scp>i</scp>)-catalyzed microwave-assisted synthesis of 1,2,3-triazole linked with 4-thiazolidinones: a one-pot sequential approach. RSC Advances, 2015, 5, 1628-1639.	1.7	10
256	Influence of pH on the Stability of 2-Substituted 1,3-Thiazolidine-4-Carboxylic Acids in Model Solutions. Journal of the American Society of Brewing Chemists, 2018, 76, 272-280.	0.8	10
257	Combining the Ugi-azide multicomponent reaction and rhodium(III)-catalyzed annulation for the synthesis of tetrazole-isoquinolone/pyridone hybrids. Beilstein Journal of Organic Chemistry, 2019, 15, 2447-2457.	1.3	10
258	Chemoselective Peptide Backbone Diversification and Bioorthogonal Ligation by Rutheniumâ€Catalyzed Câ€H Activation/Annulation. Advanced Synthesis and Catalysis, 2021, 363, 3297.	2.1	10
259	Microwave-Assisted Cu(I)-Catalyzed Synthesis of Unsymmetrical 1,4-Diamino-2-butynes via Cross-A3-Coupling/Decarboxylative A3-Coupling. Journal of Organic Chemistry, 2021, 86, 14036-14043.	1.7	10
260	Palladium-catalyzed post-Ugi arylative dearomatization/Michael addition cascade towards plicamine analogues. Organic and Biomolecular Chemistry, 2021, 19, 9752-9757.	1.5	10
261	Pd-Catalyzed Ring Restructuring of Oxazolidines with Alkenes Leading to Fused Polycyclic Indolizines. Organic Letters, 2022, 24, 1232-1236.	2.4	10
262	A versatile stereospecific synthesis of the 1,3-disubstituted benzo[a]quinolizidine framework via 2-aryl substituted pyridines. Tetrahedron Letters, 1999, 40, 9147-9150.	0.7	9
263	Synthesis of Ringâ€Expanded Azaâ€Analogues of Bisbenzocyclooctadiene Lignan Lactones. QSAR and Combinatorial Science, 2007, 26, 1239-1242.	1.5	9
264	Identification of small peptides inhibiting the integraseâ€LEDGF/p75 interaction through targeting the cellular coâ€factor. Journal of Peptide Science, 2013, 19, 651-658.	0.8	9
265	Evaluation of the Toxicity of 5-Aryl-2-Aminoimidazole-Based Biofilm Inhibitors against Eukaryotic Cell Lines, Bone Cells and the Nematode Caenorhabditis elegans. Molecules, 2014, 19, 16707-16723.	1.7	9
266	A Goldâ€Catalyzed Domino Cyclization Enabling Rapid Construction of Diverse Polyheterocyclic Frameworks. Angewandte Chemie, 2018, 130, 278-282.	1.6	9
267	Iterative Chemical Engineering of Vancomycin Leads to Novel Vancomycin Analogs With a High in Vitro Therapeutic Index. Frontiers in Microbiology, 2018, 9, 1175.	1.5	9
268	A novel, microwave-assisted method for the synthesis of alicyclic-condensed 5H-1,4,6,7-tetrahydro-1,4-diazepin-5-ones. Tetrahedron Letters, 2008, 49, 4333-4335.	0.7	8
269	Synthesis of the Azepinoindole Framework via Oxidative Heck (Fujiwara-Moritani) Cyclization. Synthesis, 2011, 2011, 2147-2153.	1.2	8
270	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. Synthetic Communications, 2017, 47, 756-763.	1.1	8

#	Article	IF	Citations
271	Ligandâ€Enabled Palladiumâ€Catalyzed Throughâ€Space Câ€“H Bond Activation via a Carbopalladation/1,4â€Pd Migration/Câ€“H Functionalization Sequence. Chemistry - A European Journal, 2020, 26, 14075-14079.	1.7	8
272	Microwave-Assisted Post-Ugi Reactions for the Synthesis of Polycycles. Molecules, 2022, 27, 3105.	1.7	8
273	Click Chemistry. QSAR and Combinatorial Science, 2007, 26, 1115-1115.	1.5	7
274	Synthesis of 5-(phenylsulfanyl)-1,4-dihydropyrazine-2,3-diones via an unexpected microwave-assisted cascade reaction. Tetrahedron Letters, 2008, 49, 4993-4996.	0.7	7
275	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. Beilstein Journal of Organic Chemistry, 2014, 10, 1413-1420.	1.3	7
276	Doebner-type pyrazolopyridine carboxylic acids in an Ugi four-component reaction. Beilstein Journal of Organic Chemistry, 2019, 15, 1281-1288.	1.3	7
277	Synthesis and anti-inflammatory activity evaluation of novel chroman derivatives. New Journal of Chemistry, 2020, 44, 13716-13727.	1.4	7
278	Microwave-Assisted Synthesis of Fluorescent Pyrido[2,3-b]indolizines from Alkylpyridinium Salts and Enaminones. Molecules, 2020, 25, 4059.	1.7	7
279	Switchable Monoâ€and Dipropargylation of Amino Alcohols: A Unique Property of the Iodide Anion in Controlling Ringâ€Opening Alkynylation. European Journal of Organic Chemistry, 2021, 2021, 3676-3680.	1.2	7
280	Alkylation of in situ generated imines via photoactivation of strong aliphatic C-H bonds. Molecular Catalysis, 2021, 514, 111841.	1.0	7
281	Stereochemical features of meta photocycloadducts derived from 3-alkyl-4-phenoxybut-1-enes. Recueil Des Travaux Chimiques Des Pays-Bas, 1995, 114, 480-482.	0.0	6
282	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 probesElectronic supplementary information (ESI) available: details of syntheses and spectroscopic data. See http://www.rsc.org/suppdata/p2/b2/b200446c/. Perkin Transactions II RSC, 2002, , 928-937.	1.1	6
283	Microwaves in Combinatorial and High-Throughput Synthesis. QSAR and Combinatorial Science, 2004, 23, 825-825.	1.5	6
284	Validation of an ultra-high-performance liquid chromatography-mass spectrometry method for the quantification of cysteinylated aldehydes and application to malt and beer samples. Journal of Chromatography A, 2019, 1604, 460467.	1.8	6
285	Pyridine-Enabled Câ€“N Bond Activation for the Rapid Construction of Amides and 4-Pyridylglyoxamides by Cooperative Palladium/Copper Catalysis. Journal of Organic Chemistry, 2020, 85, 8045-8054.	1.7	6
286	Enantioselective packed column SFC for the separation of 2-oxatetracyclo [5.4.0.01,8.05,11] undec-9-ene derivatives. Journal of Separation Science, 2001, 13, 163-168.	1.0	5
287	Palladium catalyzed synthesis of Ca2+ indicators with aryl bithiophene and terthiophene fluorophores. Tetrahedron, 2006, 62, 684-690.	1.0	5
288	Straightforward Functionalization of 3,5-Dichloro-2-pyrazinones under Simultaneous Microwave and Ultrasound Irradiation. Synthesis, 2010, 2010, 136-140.	1.2	5

#	Article	IF	Citations
289	Development of a new microwave-assisted cleavable backbone amide linker (BAL): a comparative study. Organic and Biomolecular Chemistry, 2010, 8, 60-65.	1.5	5
290	Synthesis of Isoquinolinium-2-yl Amides via Silver(I)-Catalyzed Ring Closure of Nâ€²-(2-Alkynylbenzylidene)hydrazides. Synthesis, 2011, 2011, 3371-3374.	1.2	5
291	Efficient Preparation of Tetrasubstituted Pyrazines Starting from Pyrazin-2(1H)-ones. Synthesis, 2012, 44, 1614-1624.	1.2	5
292	Alkylation of 3,5-dichloro-2(1H)-pyrazinones using malonate esters. Tetrahedron Letters, 2012, 53, 4676-4678.	0.7	5
293	Enhancing the anti-biofilm activity of 5-aryl-2-aminoimidazoles through nature inspired dimerisation. Bioorganic and Medicinal Chemistry, 2018, 26, 1470-1480.	1.4	5
294	Unusual Transformations of Cyclic Allenes with an Enamine Moiety into Complex Frameworks. Synlett, 2020, 31, 672-676.	1.0	5
295	Fourâ€Component Oneâ€Pot Process Involving Passerini Reaction Followed by Aldol Addition and Transesterification. European Journal of Organic Chemistry, 2020, 2020, 3378-3389.	1.2	5
296	Synthesis of nitrogen-tethered 1,6-enynes through CuI/TFA catalysis. Organic Chemistry Frontiers, 2022, 9, 394-399.	2.3	5
297	Ag+-Mediated Synthesis of Substituted Furo[2,3-b]pyrazines. Synlett, 2007, 2007, 3117-3122.	1.0	4
298	Microwave-Assisted Silver(I)-Mediated Selective O-Alkylation of Aromatic Imidate Systems. Synthesis, 2009, 2009, 2725-2728.	1.2	4
299	Highly Selective Biocatalytic Transesterification Reactions on Aryl 3-hydroxy-2-(hydroxymethyl)-2-methylpropanoates. Catalysis Letters, 2015, 145, 919-929.	1.4	4
300	Palladium (II)-catalysed intramolecular C H functionalizations: Efficient synthesis of kealiinine C and analogues. Molecular Catalysis, 2018, 455, 233-238.	1.0	4
301	Divergent Access to Imidazopyrazinones and Imidazodiazepinones by Regioswitchable Postâ€Ugi Heteroannulation. European Journal of Organic Chemistry, 2019, 2019, 7678-7685.	1.2	4
302	Preparation of Cu cluster catalysts by simultaneous coolingâ€“microwave heating: application in radical cascade annulation. Nanoscale Advances, 2021, 3, 1087-1095.	2.2	4
303	An Improved 2-Aminoimidazole Based Anti-Biofilm Coating for Orthopedic Implants: Activity, Stability, and in vivo Biocompatibility. Frontiers in Microbiology, 2021, 12, 658521.	1.5	4
304	Transition metal-free selective Câ€“S bond cleavage of Ugi-adducts for rapid preparation of peptidomimetics. Green Chemistry, 2022, 24, 2783-2787.	4.6	4
305	Synthesis of l-xylo-hexos-2-ulose (l-sorbosone) and its characterisation by chromatographic and spectroscopic techniques. Journal of Chromatography A, 1998, 811, 261-268.	1.8	3
306	Diversity-Oriented Silver(I)-Mediated Synthesis of Spiro-2-aminoimidazoles. Synthesis, 2011, 2011, 1587-1594.	1.2	3

#	Article	IF	Citations
307	Developments in Heterocyclic Microwave Chemistry. Advances in Heterocyclic Chemistry, 2016, , 275-299.	0.9	3
308	Three-Component Reaction of 3-Arylidene-3H-Indolium Salts, Isocyanides, and Alcohols. Frontiers in Chemistry, 2019, 7, 345.	1.8	3
309	Facile construction of peptidomimetics by sequential Câ€“S/Câ€“N bond activation of Ugi-adducts. Organic Chemistry Frontiers, 2021, 8, 6968-6973.	2.3	3
310	A continuous-flow protocol for photoredox-catalyzed multicomponent Petasis reaction. STAR Protocols, 2022, 3, 101162.	0.5	3
311	Late-stage diversification of peptidomimetics and oligopeptides via gold-catalyzed post-Ugi cyclization. Molecular Catalysis, 2022, 522, 112240.	1.0	3
312	Structural assignment of the intramolecularmeta photocycloadduct isomers from 4-phenoxybut-1-enes and 3-benzyloxyprop-1-enes by proton NMR spectroscopy. Magnetic Resonance in Chemistry, 1995, 33, 864-870.	1.1	2
313	Microwave Enhanced Formationof Electron Rich Arylboronates. Synlett, 2003, 2003, 1204-1206.	1.0	2
314	Synthesis and fungicidal activity of 3,5-dichloropyrazin-2(1H)-one derivatives. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 4064-4066.	1.0	2
315	Enantioselective biocatalytic reactions on (Â±)-aryl alkyl ketones with native and modified porcine pancreatic lipase. Biocatalysis and Biotransformation, 2010, 28, 172-184.	1.1	2
316	Synthesis of 1-(para-methoxyphenyl)tetrazolyl-Substituted 1,2,3,4-Tetrahydroisoquinolines and Their Transformations Involving Activated Alkynes. Molecules, 2018, 23, 3010.	1.7	2
317	Metal-catalyzed synthesis of heterocycles. Chemistry of Heterocyclic Compounds, 2018, 54, 213-213.	0.6	2
318	Novel (2-amino-4-arylimidazolyl)propanoic acids and pyrrolo[1,2-c]imidazoles via the domino reactions of 2-amino-4-arylimidazoles with carbonyl and methylene active compounds. Beilstein Journal of Organic Chemistry, 2019, 15, 1032-1045.	1.3	2
319	Direct Access to 4-Substituted Isoquinolones via a Sequential Pd-Catalyzed Cyclization/Base-Promoted Aromatization/Ring-Opening of N-Propargyl-1,3-oxazolidines. Molecular Catalysis, 2022, 522, 112231.	1.0	2
320	Remote Alkenylation via Carbopalladation/1,4â€Palladium Migration/Heck Reaction Sequence with Unactivated Alkenyl Alcohols. Advanced Synthesis and Catalysis, 0, , .	2.1	2
321	Synthesis of Novel Functionalized Symmetric Bi-2(1H)-pyrazinones.. ChemInform, 2005, 36, no.	0.1	1
322	A Chemoselective Microwave-Assisted One-Pot Cross-Stille Reaction of Benzylic Halides with 2(1H)-Pyrazinones Using Simultaneous Cooling. Synlett, 2006, 2006, 1491-1496.	1.0	1
323	Cu^ICu^{II} and Ag^Ip-isocyanobenzoates as novel 1D semiconducting coordination oligomers. Dalton Transactions, 2020, 49, 12432-12440.	1.6	1
324	2-Aminoimidazoles as potent inhibitors of contaminating brewery biofilms. Biofouling, 2021, 37, 61-77.	0.8	1

#	Article	IF	Citations
325	Transition-Metal-Free Sonogashira-Type Coupling Reactions in Water.. ChemInform, 2004, 35, no.	0.1	0
326	A Microwave-Assisted Click Chemistry Synthesis of 1,4-Disubstituted 1,2,3-Triazoles via a Copper(I)-Catalyzed Three-Component Reaction.. ChemInform, 2005, 36, no.	0.1	0
327	Rapid Palladium-Catalyzed C3-Arylation of 2(1H)-Pyrazinones: Effect of Simultaneous Cooling on Microwave-Assisted Reactions on Solid Support. Synlett, 2008, 2008, 3021-3025.	1.0	0
328	Catalysis and Multi-Component Reactions. Advances in Experimental Medicine and Biology, 2011, , 1-29.	0.8	0
329	11. Synthesis of medium-sized heterocycles under microwave irradiation. , 2017, , 184-204.		0
330	Rapid construction of C4-substituted phenanthridinones through palladium-catalyzed domino N-arylation/aryl-aryl coupling process. Molecular Catalysis, 2021, 513, 111766.	1.0	0