Amide bond formation: beyond the myth of coupling re

Chemical Society Reviews 38, 606-631 DOI: 10.1039/b701677h

Citation Report

#	Article	IF	CITATIONS
3	Synthesis of chemically modified bioactive peptides: recent advances, challenges and developments for medicinal chemistry. Future Medicinal Chemistry, 2009, 1, 1289-1310.	2.3	64
4	Direct Amide Synthesis from Alcohols and Amines by Phosphineâ€Free Ruthenium Catalyst Systems. Advanced Synthesis and Catalysis, 2009, 351, 2643-2649.	4.3	215
6	Chiral synthetic pseudopeptidic derivatives as triplet excited state quenchers. Tetrahedron Letters, 2009, 50, 4859-4862.	1.4	3
7	Microwave-Assisted Ester Formation Using <i>O</i> -Alkylisoureas: A Convenient Method for the Synthesis of Esters with Inversion of Configuration. Journal of Organic Chemistry, 2009, 74, 4753-4762.	3.2	29
8	Thio FCMA Intermediates as Strong Acyl Donors: A General Solution to the Formation of Complex Amide Bonds. Journal of the American Chemical Society, 2009, 131, 12924-12926.	13.7	105
9	Self-cleavable chemiluminescent probes suitable for protease sensing. Organic and Biomolecular Chemistry, 2009, 7, 2941.	2.8	41
10	Sensitization of the NIR emission of Nd(<scp>iii</scp>) by the α4 atropoisomer of a meso-tetraphenyl porphyrin bearing four 8-hydroxyquinolinylamide chelates. Chemical Communications, 2010, 46, 619-621.	4.1	31
11	Polypeptide–polymer bioconjugates. Chemical Society Reviews, 2010, 39, 329-353.	38.1	240
12	Ferrocene–Aspartate Dendrimers: Conformational Analysis and Electrochemical Studies. Journal of Inorganic and Organometallic Polymers and Materials, 2010, 20, 488-502.	3.7	8
13	Enzymatic synthesis of nylon-6 units in organic solvents containing low concentrations of water. Journal of Molecular Catalysis B: Enzymatic, 2010, 64, 81-88.	1.8	3
14	A Novel Family of Onium Salts Based Upon Isonitroso Meldrum's Acid Proves Useful as Peptide Coupling Reagents. European Journal of Organic Chemistry, 2010, 2010, 3641-3649.	2.4	32
15	Simple RuCl ₃ â€Catalyzed Amide Synthesis from Alcohols and Amines. European Journal of Organic Chemistry, 2010, 2010, 4266-4270.	2.4	81
16	Amide Synthesis from Alcohols and Amines Catalyzed by Ruthenium Nâ€Heterocyclic Carbene Complexes. Chemistry - A European Journal, 2010, 16, 6820-6827.	3.3	173
18	A Direct Entry to Substituted <i>N</i> â€Methoxyamines from <i>N</i> â€Methoxyamides via <i>N</i> â€Oxyiminium Ions. Angewandte Chemie - International Edition, 2010, 49, 6369-6372.	13.8	109
19	Synthesis of the trans-fusarinine scaffold. Tetrahedron Letters, 2010, 51, 2119-2122.	1.4	7
20	Cost efficient synthesis of amides from oximes with indium or zinc catalysts. Tetrahedron Letters, 2010, 51, 2724-2726.	1.4	92
21	Water solubilization of xanthene dyes by post-synthetic sulfonation in organic media. Tetrahedron Letters, 2010, 51, 3304-3308.	1.4	31
22	Samarium-mediated mild and facile method for the synthesis of amides. Tetrahedron Letters, 2010, 51, 6049-6051.	1.4	20

#	ARTICLE Molecular monolayers on silicon as substrates for biosensors. Bioelectrochemistry, 2010, 80, 17-25.	IF 4.6	CITATIONS
24	Umpolung reactivity in amide and peptide synthesis. Nature, 2010, 465, 1027-1032.	27.8	271
25	Amide bonds made in reverse. Nature, 2010, 465, 1020-1022.	27.8	21
26	A plastic axonal hotspot. Nature, 2010, 465, 1022-1023.	27.8	16
27	Synthesis, binding and fluorescence studies of a new neutral H-bonding receptor for anions based on 3,5-bis(trifluoromethyl)phenylurea. Supramolecular Chemistry, 2010, 22, 365-379.	1.2	5
28	Total Synthesis of Depsilairdin. Journal of Organic Chemistry, 2010, 75, 5170-5177.	3.2	5
29	Direct Amide Synthesis from Either Alcohols or Aldehydes with Amines: Activity of Ru(II) Hydride and Ru(0) Complexes. Journal of Organic Chemistry, 2010, 75, 3002-3006.	3.2	194
30	Direct Solid-Phase Synthesis of the β-Amyloid (1Ⱂ42) Peptide Using Controlled Microwave Heating. Journal of Organic Chemistry, 2010, 75, 2103-2106.	3.2	68
31	A universal and ready-to-use heterotrifunctional cross-linking reagent for facile synthetic access to sophisticated bioconjugates. Organic and Biomolecular Chemistry, 2010, 8, 4329.	2.8	30
32	Low molecular weight MPEG-assisted organic synthesis. Chemical Communications, 2010, 46, 4405.	4.1	15
33	Facile and rapid access to linear and truncated microcystin analogues for the implementation of immunoassays. Organic and Biomolecular Chemistry, 2010, 8, 676-690.	2.8	8
34	The thermal and boron-catalysed direct amide formation reactions: mechanistically understudied yet important processes. Chemical Communications, 2010, 46, 1813-1823.	4.1	214
35	Catalytic Acylation of Amines with Aldehydes or Aldoximes. Organic Letters, 2010, 12, 5096-5099.	4.6	117
36	Silica Gel-Mediated Amide Bond Formation: An Environmentally Benign Method for Liquid-Phase Synthesis and Cytotoxic Activities of Amides. ACS Combinatorial Science, 2010, 12, 307-310.	3.3	33
37	Simple Coupling Chemistry Linking Carboxyl-Containing Organic Molecules to Silicon Oxide Surfaces under Acidic Conditions. Langmuir, 2010, 26, 15333-15338.	3.5	26
38	Medicinal Organometallic Chemistry. Topics in Organometallic Chemistry, 2010, , .	0.7	77
39	Ruthenium-Catalyzed Tertiary Amine Formation from Nitroarenes and Alcohols. Organic Letters, 2010, 12, 4888-4891.	4.6	76
40	Well-Defined N-Heterocyclic Carbene Based Ruthenium Catalysts for Direct Amide Synthesis from Alcohols and Amines. Organometallics, 2010, 29, 1374-1378.	2.3	166

#	Article	IF	CITATIONS
41	Bioconjugated lanthanide luminescent helicates as multilabels for lab-on-a-chip detection of cancer biomarkers. Analyst, The, 2010, 135, 42-52.	3.5	84
42	New and simple synthesis of acid azides, ureas and carbamates from carboxylic acids: application of peptide coupling agents EDC and HBTU. Organic and Biomolecular Chemistry, 2010, 8, 835-840.	2.8	37
43	Stabilized well-dispersed Pd(0) nanoparticles for aminocarbonylation of aryl halides. Dalton Transactions, 2011, 40, 9320.	3.3	34
44	New potential bimodal imaging contrast agents based on DOTA-like and porphyrin macrocycles. MedChemComm, 2011, 2, 119-125.	3.4	49
45	N-Fmoc-α-sulfo-β-alanine: a versatile building block for the water solubilisation of chromophores and fluorophores by solid-phase strategy. Organic and Biomolecular Chemistry, 2011, 9, 5337.	2.8	21
46	Kinetics of Activation of Carboxyls to Succinimidyl Ester Groups in Monolayers Grafted on Silicon: An in Situ Real-Time Infrared Spectroscopy Study. Journal of Physical Chemistry C, 2011, 115, 6782-6787.	3.1	17
48	Alternative Strategy for Adjusting the Association Specificity of Hydrogen-Bonded Duplexes. Organic Letters, 2011, 13, 54-57.	4.6	24
49	Metal-catalysed approaches to amide bond formation. Chemical Society Reviews, 2011, 40, 3405.	38.1	899
50	4-(4,6-Di[2,2,2-trifluoroethoxy]-1,3,5-triazin-2-yl)-4-methylomorpholinium Tetrafluoroborate. Triazine-Based Coupling Reagents Designed for Coupling Sterically Hindered Substrates. Journal of Organic Chemistry, 2011, 76, 4506-4513.	3.2	22
51	Giant Macrolactams Based on β-Sheet Peptides. Journal of Organic Chemistry, 2011, 76, 3166-3173.	3.2	15
53	Powerful Amide Synthesis from Alcohols and Amines under Aerobic Conditions Catalyzed by Gold or Gold/Iron, -Nickel or -Cobalt Nanoparticles. Journal of the American Chemical Society, 2011, 133, 18550-18553.	13.7	266
54	Oxidative amide synthesis directly from alcohols with amines. Organic and Biomolecular Chemistry, 2011, 9, 20-26.	2.8	163
55	Oxidations and Oxidative Couplings Catalyzed by Triazolylidene Ruthenium Complexes. Organometallics, 2011, 30, 1162-1167.	2.3	236
56	Iron(II)-Catalyzed Amidation of Aldehydes with Iminoiodinanes at Room Temperature and under Microwave-Assisted Conditions. Journal of Organic Chemistry, 2011, 76, 4894-4904.	3.2	56
57	Pseudo-Five-Component Reaction between 3-Formylchromones, Meldrum's Acid, Isocyanides and Primary Arylamines: Diversity-Oriented Synthesis of Novel Chromone-Containing Peptidomimetics. ACS Combinatorial Science, 2011, 13, 659-666.	3.8	31
58	Facile Amide Bond Formation from Carboxylic Acids and Isocyanates. Organic Letters, 2011, 13, 2256-2259.	4.6	97
59	Borate esters as convenient reagents for direct amidation of carboxylic acids and transamidation of primary amides. Organic and Biomolecular Chemistry, 2011, 9, 1320.	2.8	119
60	The synthesis and application of polyamino polycarboxylic bifunctional chelating agents. Chemical Society Reviews, 2011, 40, 3019.	38.1	153

#	Article	IF	CITATIONS
61	A biomolecule-compatible visible-light-induced azide reduction from a DNA-encoded reaction-discovery system. Nature Chemistry, 2011, 3, 146-153.	13.6	243
62	Disulfide and amide-bridged cyclic peptide analogues of the VEGF81–91 fragment: Synthesis, conformational analysis and biological evaluation. Bioorganic and Medicinal Chemistry, 2011, 19, 7526-7533.	3.0	22
63	Computational Study on the Catalytic Role of Pincer Ruthenium(II)-PNN Complex in Directly Synthesizing Amide from Alcohol and Amine: The Origin of Selectivity of Amide over Ester and Imine. Organometallics, 2011, 30, 5233-5247.	2.3	149
64	General and Scalable Amide Bond Formation with Epimerization-Prone Substrates Using T3P and Pyridine. Organic Letters, 2011, 13, 5048-5051.	4.6	143
65	In Situ Carboxyl Activation Using a Silatropic Switch: A New Approach to Amide and Peptide Constructions. Journal of the American Chemical Society, 2011, 133, 14256-14259.	13.7	63
66	An Organometallic Future in Green and Energy Chemistry?. Organometallics, 2011, 30, 17-19.	2.3	151
67	Peptide Coupling Reagents, More than a Letter Soup. Chemical Reviews, 2011, 111, 6557-6602.	47.7	922
68	Practical synthesis of amides from alkynyl bromides, amines, and water. Tetrahedron, 2011, 67, 5920-5927.	1.9	67
69	Synthesis and Structural Analysis of Porphyrinâ€Based Polynucleating Ligands Bearing 8â€Methoxy―and 8â€(Allyloxy)quinoline Units. European Journal of Organic Chemistry, 2011, 2011, 2531-2541.	2.4	7
70	The Uncatalyzed Direct Amide Formation Reaction – Mechanism Studies and the Key Role of Carboxylic Acid Hâ€Bonding. European Journal of Organic Chemistry, 2011, 2011, 5981-5990.	2.4	102
71	A Direct and Stereoretentive Synthesis of Amides from Cyclic Alcohols. European Journal of Organic Chemistry, 2011, 2011, 7057-7061.	2.4	13
72	An Efficient Synthesis of <i>N</i> â€Substitutedâ€3â€arylâ€3â€{2â€hydroxyâ€4,4â€dimethylâ€6â€oxocyclohexâ€1â€enyl)propanamides Reaction in Aqueous Medium. Chinese Journal of Chemistry, 2011, 29, 2368-2372.	b ¥.⊡ ourâŧ	€ €ø mponent
76	Highly Efficient Amide Synthesis from Alcohols and Amines by Virtue of a Waterâ€Soluble Gold/DNA Catalyst. Angewandte Chemie - International Edition, 2011, 50, 8917-8921.	13.8	217
77	Palladium atalyzed Aryl Iodide Carbonylation as a Route to Imidazoline Synthesis: Design of a Fiveâ€Component Coupling Reaction. Angewandte Chemie - International Edition, 2011, 50, 8948-8951.	13.8	45
78	Ironâ€Catalyzed CH and CC Bond Cleavage: A Direct Approach to Amides from Simple Hydrocarbons. Angewandte Chemie - International Edition, 2011, 50, 12595-12599.	13.8	124
79	Synthesis and Conformational Analysis of α,βâ€Ðifluoroâ€Î³â€amino Acid Derivatives. Chemistry - A European Journal, 2011, 17, 2340-2343.	3.3	51
80	Direct Oneâ€Pot Reductive Nâ€Alkylation of Nitroarenes by using Alcohols with Supported Gold Catalysts. Chemistry - A European Journal, 2011, 17, 7172-7177.	3.3	97
81	Solution-phase parallel synthesis and screening of anti-tumor activities from fenbufen and ethacrynic acid libraries. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 1320-1324.	2.2	15

#	ARTICLE Synthesis, electrochemistry and metal binding properties of monosubstituted ferrocenoyl peptides	IF	CITATIONS
83	with thioether-containing sidechains. Journal of Organometallic Chemistry, 2011, 696, 715-721. Design and scalable synthesis of new chiral selectors. Part 1: Synthesis and characterization of a new constrained cyclopeptide from unnatural bulky amino acids. Tetrahedron, 2011, 67, 6036-6044.	1.9	11
84	Copper-catalyzed rearrangement of oximes into primary amides. Tetrahedron Letters, 2011, 52, 4252-4255.	1.4	67
85	Surface modification of biomaterials by peptide functionalisation. , 2011, , 78-101.		2
86	A facile method for the synthesis of N-(α-aminoacyl) sulfonamides. Drug Discoveries and Therapeutics, 2012, , .	1.5	1
87	Discovery of competing anaerobic and aerobic pathways in umpolung amide synthesis allows for site-selective amide ¹⁸ O-labeling. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 44-46.	7.1	52
88	Angiotensin II Receptors and Neuroprotection. , 2012, , 177-190.		0
89	Manganese Oxide-catalyzed Additive- and Solvent-free Aerobic Oxidative Synthesis of Primary Amides from Primary Amines. Chemistry Letters, 2012, 41, 633-635.	1.3	15
90	Dehydrogenative Amide Synthesis: Azide as a Nitrogen Source. Organic Letters, 2012, 14, 6028-6031.	4.6	59
91	<i>N</i> -Acyl DBN Tetraphenylborate Salts as <i>N</i> -Acylating Agents. Journal of Organic Chemistry, 2012, 77, 2808-2818.	3.2	32
92	An efficient protocol for the solid-phase synthesis of glycopeptides under microwave irradiation. Organic and Biomolecular Chemistry, 2012, 10, 1612.	2.8	23
93	1.6 Peptides and Chirality Effects on the Conformation and the Synthesis of Medicinally Relevant Peptides. , 2012, , 86-104.		6
94	Demonstration on Pilot-Plant Scale of the Utility of 1,5,7-Triazabicyclo[4.4.0]dec-5-ene (TBD) as a Catalyst in the Efficient Amidation of an Unactivated Methyl Ester. Organic Process Research and Development, 2012, 16, 1967-1969.	2.7	34
95	Surface modification of poly(3â€hydroxybutyrateâ€ <i>co</i> â€3â€hydroxyvalerate) copolymer films for promoting interaction with bladder urothelial cells. Journal of Biomedical Materials Research - Part A, 2012, 100A, 7-17.	4.0	11
96	Iron atalyzed Amidation of Aldehydes with <i>N</i> â€Chloroamines. Advanced Synthesis and Catalysis, 2012, 354, 2949-2953.	4.3	46
98	Organocatalytic Amidation and Esterification of Aldehydes with Activating Reagents by a Crossâ€Coupling Strategy. Angewandte Chemie - International Edition, 2012, 51, 12538-12541.	13.8	179
99	Trypsinâ€ i mmobilized Metal–Organic Framework as a Biocatalyst In Proteomics Analysis. ChemPlusChem, 2012, 77, 982-986.	2.8	143
100	An efficient hydration of nitriles to amides in aqueous media by hydrotalcite-clay supported nickel nanoparticles. Catalysis Communications, 2012, 29, 109-113.	3.3	35

#	Article	IF	CITATIONS
101	Atmospheric pressure aminocarbonylation of aryl iodides using palladium nanoparticles supported on MOF-5. Chemical Communications, 2012, 48, 1805.	4.1	104
102	H-bonding promotion of peptide solubility and cyclization by fluorinated alcohols. RSC Advances, 2012, 2, 2729.	3.6	13
103	Thermosensitive Peptide-Hybrid ABC Block Copolymers Obtained by ATRP: Synthesis, Self-Assembly, and Enzymatic Degradation. Macromolecules, 2012, 45, 842-851.	4.8	32
104	Metal-free oxidative amide formation with N-hydroxysuccinimide and hypervalent iodine reagents. Tetrahedron Letters, 2012, 53, 5094-5098.	1.4	39
105	Copper-Catalyzed Oxidative Amidation of Aldehydes with Amine Salts: Synthesis of Primary, Secondary, and Tertiary Amides. Journal of Organic Chemistry, 2012, 77, 8007-8015.	3.2	218
106	One-Pot Synthesis of α-Acyloxycarboxamidobarbiturates from Alloxans, Carboxylic Acids, and Isocyanides. Journal of Chemical Research, 2012, 36, 432-436.	1.3	3
107	Direct Amidation of Carboxylic Acids Catalyzed by <i>ortho</i> -lodo Arylboronic Acids: Catalyst Optimization, Scope, and Preliminary Mechanistic Study Supporting a Peculiar Halogen Acceleration Effect. Journal of Organic Chemistry, 2012, 77, 8386-8400.	3.2	193
108	Direct Chemoselective Allylation of Inert Amide Carbonyls. Organic Letters, 2012, 14, 950-953.	4.6	103
109	Direct amide bond formation from carboxylic acids and amines using activated alumina balls as a new, convenient, clean, reusable and low cost heterogeneous catalyst. Green Chemistry, 2012, 14, 3220.	9.0	64
110	Synthesis and antimicrobial activity of amide derivatives of polyether antibiotic—salinomycin. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 4697-4702.	2.2	57
111	Transamidation of primary amides with amines catalyzed by zirconocene dichloride. Chemical Communications, 2012, 48, 11626.	4.1	86
112	Direct Catalytic Formation of Primary and Tertiary Amides from Nonâ€Activated Carboxylic Acids, Employing Carbamates as Amine Source. Advanced Synthesis and Catalysis, 2012, 354, 2531-2536.	4.3	43
114	Facile Synthesis of Sterically Hindered and Electronâ€Deficient Secondary Amides from Isocyanates. Angewandte Chemie - International Edition, 2012, 51, 9173-9175.	13.8	97
115	Direct Acyl Substitution of Carboxylic Acids: A Chemoselective O―to Nâ€Acyl Migration in the Traceless Staudinger Ligation. Chemistry - A European Journal, 2012, 18, 14444-14453.	3.3	31
116	Amidation of Aldehydes and Alcohols through αâ€Iminonitriles and a Sequential Oxidative Threeâ€Component Strecker Reaction/Thioâ€Michael Addition/Aluminaâ€Promoted Hydrolysis Process to Access βâ€Mercaptoamides from Aldehydes, Amines, and Thiols. Chemistry - A European Journal, 2012, 18, 14812-14819.	3.3	35
117	Recent trends in Cys- and Ser/Thr-based synthetic strategies for the elaboration of peptide constructs. Chemical Communications, 2012, 48, 11601.	4.1	41
118	One-pot mechanosynthesis of aromatic amides and dipeptides from carboxylic acids and amines. Chemical Communications, 2012, 48, 12100.	4.1	87
119	Recyclable Hypervalent Iodine(III) Reagent Iodosodilactone as an Efficient Coupling Reagent for Direct Esterification, Amidation, and Peptide Coupling. Organic Letters, 2012, 14, 3020-3023.	4.6	84

		CITATION R	EPORT	
# 120	ARTICLE Oligomeric Poly(ethylene oxide)s. Functionalized Poly(ethylene glycol)s. PEGylation. , 2	012, , 679-693.	IF	CITATION:
121	MnO2/graphene oxide: a highly active catalyst for amide synthesis from alcohols and a aqueous media. Journal of Materials Chemistry, 2012, 22, 18115.	mmonia in	6.7	89
122	Identification of New Potent GPR119 Agonists by Combining Virtual Screening and Con Chemistry. Journal of Medicinal Chemistry, 2012, 55, 11031-11041.	nbinatorial	6.4	36
123	Amino acid and peptide bioconjugates. Amino Acids, Peptides and Proteins, 2012, , 1-3	9.	0.7	2
124	Access to Indole- And Pyrrole-Fused Diketopiperazines via Tandem Ugi-4CR/Intramolecu and Its Regioselective Ring-Opening by Intermolecular Transamidation. Journal of Orga 2012, 77, 10211-10227.	ılar Cyclization nic Chemistry,	3.2	25
125	Gold-catalyzed amide synthesis from aldehydes and amines in aqueous medium. Chem Communications, 2012, 48, 4112.	ical	4.1	83
126	Synthesis and properties of phenylogous amides. Tetrahedron, 2012, 68, 8450-8456.		1.9	7
127	Metal-catalyzed amidation. Tetrahedron, 2012, 68, 9867-9923.		1.9	190
128	Direct amide formation from unactivated carboxylic acids and amines. Chemical Comm 2012, 48, 666-668.	unications,	4.1	278
129	Synthesis and micellization of amphiphilic multi-branched poly(p-dioxanone)-block-poly	(ethylene) Tj ETQq1 1 0.7	784314 rgE 3.9	3T /Overloc 21
130	Ruthenium(ii) carbonyl complexes containing benzhydrazone ligands: synthesis, struct one-pot conversion of aldehydes to amides. RSC Advances, 2012, 2, 4515.	ure and facile	3.6	62
131	One-Pot Synthesis of Amides from Aldehydes and Amines <i>via</i> C–H Bond Activa Letters, 2012, 14, 5014-5017.	ation. Organic	4.6	106
132	Copper(ii) mediated facile and ultra fast peptide synthesis in methanol. Chemical Com 2012, 48, 7085.	nunications,	4.1	40
133	Peroxide-Mediated Transition-Metal-Free Direct Amidation of Alcohols with Nitroarenes Letters, 2012, 14, 984-987.	. Organic	4.6	69
134	Metal-free n-Bu4NI-catalyzed direct synthesis of amides from alcohols and N,N-disubsti formamides. Tetrahedron Letters, 2012, 53, 6479-6482.	tuted	1.4	51
135	2-[2-(Pyrrolidin-2-yl)propan-2-yl]-1H-pyrrole and its amide derivative 1-{2-[2-(1H-pyrrol-2-yl)propan-2-yl]pyrrolidin-1-yl}ethanone. Acta Crystallographica Sec Structure Communications, 2012, 68, o119-o122.	tion C: Crystal	0.4	2
136	Evaluation of COMU as a coupling reagent for <i>in situ</i> neutralization Boc solid ph synthesis. Journal of Peptide Science, 2012, 18, 199-207.	ase peptide	1.4	14
137	Waste reduction in amide synthesis by a continuous method based on recycling of the mixture. RSC Advances, 2012, 2, 6838.	reaction	3.6	8

#	Article	IF	CITATIONS
138	Direct Amide Coupling of Nonâ€activated Carboxylic Acids and Amines Catalysed by Zirconium(IV) Chloride. Chemistry - A European Journal, 2012, 18, 3822-3826.	3.3	167
139	A general LbL strategy for the growth of pNIPAM microgels on Au nanoparticles with arbitrary shapes. Soft Matter, 2012, 8, 4165-4170.	2.7	45
140	Screening of <i>Nâ€</i> Alkylâ€Cyanoacetamido Oximes as Substitutes for <i>Nâ€</i> Hydroxysuccinimide. ChemistryOpen, 2012, 1, 147-152.	1.9	14
141	Diacetoxyiodobenzene Mediated One-Pot Synthesis of Diverse Carboxamides from Aldehydes. Organic Letters, 2012, 14, 2936-2939.	4.6	74
142	Iron atalyzed Efficient Synthesis of Amides from Aldehydes and Amine Hydrochloride Salts. Advanced Synthesis and Catalysis, 2012, 354, 1407-1412.	4.3	136
145	Cross Coupling of Acyl and Aminyl Radicals: Direct Synthesis of Amides Catalyzed by Bu ₄ NI with TBHP as an Oxidant. Angewandte Chemie - International Edition, 2012, 51, 3231-3235.	13.8	356
146	Manganese Oxide Promoted Liquidâ€Phase Aerobic Oxidative Amidation of Methylarenes to Monoamides Using Ammonia Surrogates. Angewandte Chemie - International Edition, 2012, 51, 7250-7253.	13.8	89
147	Synthesis of amides from imines using Et ₃ SiH/Zn system. Applied Organometallic Chemistry, 2012, 26, 103-107.	3.5	4
148	Aerobic Amide Bond Formation with <i>N</i> â€hydroxysuccinimide. Chemistry - an Asian Journal, 2012, 7, 1542-1545.	3.3	38
149	Synthesis and Conformation of Fluorinated βâ€Peptidic Compounds. Chemistry - A European Journal, 2012, 18, 6655-6662.	3.3	21
150	Effect of Residual Water and Microwave Heating on the Half-Life of the Reagents and Reactive Intermediates in Peptide Synthesis. Chemistry - A European Journal, 2012, 18, 9024-9031.	3.3	18
151	Direct Amidation of Alcohols with N‣ubstituted Formamides under Transitionâ€Metalâ€Free Conditions. Chemistry - A European Journal, 2012, 18, 9793-9797.	3.3	131
152	Boric Acid: A Highly Efficient Catalyst for Transamidation of Carboxamides with Amines. Organic Letters, 2012, 14, 3202-3205.	4.6	171
153	Activation of carboxyl group with cyanate: peptide bond formation from dicarboxylic acids. Amino Acids, 2012, 42, 2331-2341.	2.7	11
154	One-pot stibine modified Co2(CO)8 catalyzed reductive N-alkylation of primary amides with carbonyl compounds. Tetrahedron, 2012, 68, 2342-2348.	1.9	24
155	A new method for the synthesis of amides from imines. Tetrahedron Letters, 2012, 53, 203-206.	1.4	16
156	An efficient copper(II)-catalyzed direct access to primary amides from aldehydes under neat conditions. Tetrahedron Letters, 2012, 53, 1413-1416.	1.4	40
158	Heterogeneously Catalyzed Synthesis of Primary Amides Directly from Primary Alcohols and Aqueous Ammonia. Angewandte Chemie - International Edition, 2012, 51, 544-547.	13.8	174

#	Article	IF	CITATIONS
159	Exploring the dual role of α,ï‰-di-carboxylic acids in the preparation of collagen based biomaterial. Journal of Porous Materials, 2013, 20, 647-661.	2.6	5
160	Comparative vibrational spectroscopic studies, HOMO–LUMO and NBO analysis of N-(phenyl)-2,2-dichloroacetamide, N-(2-chloro phenyl)-2,2-dichloroacetamide and N-(4-chloro) Tj ETQq1 1 0.7843	14 rgBT /0 2.9	Overlock 10
161	Synthesis of carboranyl amides catalyzed by recyclable Pd (0) nanoparticles supported on carbon nanotubes (CNTs). Journal of Organometallic Chemistry, 2013, 747, 184-188.	1.8	12
163	Copper atalyzed Amidation of Acids Using Formamides as the Amine Source. European Journal of Organic Chemistry, 2013, 2013, 5737-5742.	2.4	37
164	Direct Amidation of Amino Acid Derivatives Catalyzed by Arylboronic Acids: Applications in Dipeptide Synthesis. European Journal of Organic Chemistry, 2013, 2013, 5692-5700.	2.4	59
165	Phosphorus oxychloride as an efficient coupling reagent for the synthesis of esters, amides and peptides under mild conditions. RSC Advances, 2013, 3, 16247-16250.	3.6	30
166	Copper catalyzed cross-coupling reactions of carboxylic acids: an expedient route to amides, 5-substituted Î ³ -lactams and α-acyloxy esters. RSC Advances, 2013, 3, 18283.	3.6	61
167	Recent Developments in Amide Synthesis: Direct Amidation of Carboxylic Acids and Transamidation Reactions. European Journal of Organic Chemistry, 2013, 2013, 7453-7465.	2.4	332
168	Mechanistic investigation of the one-pot formation of amides by oxidative coupling of alcohols with amines in methanol. Catalysis Today, 2013, 203, 211-216.	4.4	17
169	Solid-supported ortho-iodoarylboronic acid catalyst for direct amidation of carboxylic acids. Tetrahedron Letters, 2013, 54, 4475-4478.	1.4	25
170	Aerobic oxidative coupling of alcohols and amines over Au–Pd/resin in water: Au/Pd molar ratios switch the reaction pathways to amides or imines. Green Chemistry, 2013, 15, 2680.	9.0	114
171	Ruthenium-Catalyzed Redox-Neutral and Single-Step Amide Synthesis from Alcohol and Nitrile with Complete Atom Economy. Journal of the American Chemical Society, 2013, 135, 11704-11707.	13.7	115
172	The Literature of Heterocyclic Chemistry, Part XI, 2008–2009. Advances in Heterocyclic Chemistry, 2013, , 195-290.	1.7	10
173	The direct amidation of α-diketones with amines via TBHP-promoted oxidative cleavage of C(sp2)–C(sp2) bonds. Organic and Biomolecular Chemistry, 2013, 11, 6772.	2.8	16
174	Peptide Synthesis and Applications. Methods in Molecular Biology, 2013, , .	0.9	26
175	General Oneâ€Pot Reductive <i>gem</i> â€Bisâ€Alkylation of Tertiary Lactams/Amides: Rapid Construction of 1â€Azaspirocycles and Formal Total Synthesis of (±)â€Cephalotaxine. Chemistry - A European Journal, 2013, 19, 13075-13086.	3.3	82
176	Racemizationâ€Free Chemoenzymatic Peptide Synthesis Enabled by the Rutheniumâ€Catalyzed Synthesis of Peptide Enol Esters <i>via</i> Alkyneâ€Addition and Subsequent Conversion Using Alcalaseâ€Crossâ€Linked Enzyme Aggregates. Advanced Synthesis and Catalysis, 2013, 355, 1799-1807.	4.3	25
177	A Short Total Synthesis of the Marine Sponge Pyrroleâ€2â€aminoimidazole Alkaloid (±)â€Agelastatinâ€A. Angewandte Chemie - International Edition, 2013, 52, 10862-10866.	13.8	59

#	Article	IF	CITATIONS
178	Ethyl 2â€(<i>tert</i> â€Butoxycarbonyloxyimino)â€2â€cyanoacetate (Bocâ€Oxyma) as Coupling Reagent for Racemizationâ€Free Esterification, Thioesterification, Amidation and Peptide Synthesis. Advanced Synthesis and Catalysis, 2013, 355, 448-462.	4.3	23
179	Synthesis and Selfâ€Assembly of NCNâ€Pincer Pdâ€Complexâ€Bound Norvalines. Chemistry - A European Journal, 2013, 19, 12356-12375.	3.3	17
180	Design of Porphyrinâ€dotaâ€Like Scaffolds as Allâ€inâ€One Multimodal Heterometallic Complexes for Medical Imaging. European Journal of Organic Chemistry, 2013, 2013, 6629-6643.	2.4	28
181	Formation of Tertiary Amides and Dihydrogen by Dehydrogenative Coupling of Primary Alcohols with Secondary Amines Catalyzed by Ruthenium Bipyridineâ€Based Pincer Complexes. Advanced Synthesis and Catalysis, 2013, 355, 2525-2530.	4.3	81
182	Synthesis and allosteric modulation of the dopamine receptor by peptide analogs of I-prolyI-I-leucyI-glycinamide (PLG) modified in the I-proline or I-proline and I-leucine scaffolds. European Journal of Medicinal Chemistry, 2013, 69, 146-158.	5.5	18
183	Palladium-catalyzed aminocarbonylation of aryl iodides using aqueous ammonia. Tetrahedron Letters, 2013, 54, 5496-5499.	1.4	27
184	Stereo-regulated synthesis of peptides containing a β-trifluoromethyl-β-amino acid. Tetrahedron, 2013, 69, 9252-9260.	1.9	8
186	An Efficient Synthesis of <i>N</i> â€Substitutedâ€3â€arylâ€3â€(4â€hydroxyâ€6â€methylâ€2â€oxoâ€2 <i>H</i> â€pyranâ€3â€yl)propana Reaction in Aqueous Medium. Journal of Heterocyclic Chemistry, 2013, 50, 99-103.	mi zl.e s by F	Fo ı arâ€Comp
187	On DABAL-Me3 promoted formation of amides. Tetrahedron, 2013, 69, 9890-9897.	1.9	37
188	Synthesis of Amides by Palladiumâ€Catalyzed Decarbonylative Coupling of Carboxylic Acids with Isocyanides. European Journal of Organic Chemistry, 2013, 2013, 6027-6031.	2.4	10
189	nBu4NI-catalyzed oxidative amidation of aldehydes with tertiary amines. Tetrahedron Letters, 2013, 54, 6233-6236.	1.4	18
190	Hypervalent iodine catalyzed transamidation of carboxamides with amines. RSC Advances, 2013, 3, 1691-1694.	3.6	66
191	Linkers, Resins, and General Procedures for Solid-Phase Peptide Synthesis. Methods in Molecular Biology, 2013, 1047, 23-41.	0.9	32
192	Copper-catalyzed formation of N,N-dimethyl benzamide from nitrile and DMF under an O2 atmosphere. Organic and Biomolecular Chemistry, 2013, 11, 8179.	2.8	26
193	Bioactive Cellulose Nanofibrils for Specific Human IgG Binding. Biomacromolecules, 2013, 14, 4161-4168.	5.4	63
194	Nitrile Oxide versus Nitrone – Switching Regioselectivity of Intramolecular 1,3â€Đipolar Cycloadditions towards the Preparation of Aminopiperidinecarboxylates. European Journal of Organic Chemistry, 2013, 2013, 7421-7431.	2.4	11
195	Electrochemical synthesis of amides: direct transformation of methyl ketones with formamides. Tetrahedron Letters, 2013, 54, 7156-7159.	1.4	32
196	A Palladium-Catalyzed Carbonylation Approach to Acid Chloride Synthesis. Journal of the American Chemical Society, 2013, 135, 16841-16844.	13.7	144

#	Article	IF	CITATIONS
197	A peptide's perspective on antigen presentation to the immune system. Nature Chemical Biology, 2013, 9, 769-775.	8.0	72
198	Total Synthesis and Anti-Hepatitis C Virus Activity of MA026. Journal of the American Chemical Society, 2013, 135, 18949-18956.	13.7	30
199	H2O2-mediated oxidative formation of amides from aromatic amines and 1,3-diketones as acylation agents via C–C bond cleavage at room temperature in water under metal-free conditions. Green Chemistry, 2013, 15, 3289.	9.0	61
200	Copper-catalyzed oxidative coupling of carboxylic acids with formamides for the synthesis of α,β-unsaturated amides. Tetrahedron Letters, 2013, 54, 6679-6681.	1.4	23
201	An efficient N-heterocyclic carbene based ruthenium-catalyst: Application towards the synthesis of esters and amides. Catalysis Communications, 2013, 40, 80-83.	3.3	25
202	Kâ€Oxyma: a Strong Acylationâ€Promoting, 2â€CTC Resinâ€Friendly Coupling Additive. European Journal of Organic Chemistry, 2013, 2013, 6372-6378.	2.4	29
203	An improved protocol for synthesis of N-arylamides and benzoxazoles by the copper-catalyzed reaction of aryl halides with nitriles. Tetrahedron, 2013, 69, 10022-10029.	1.9	20
204	Towards microstructured optical fibre sensors: surface analysis of silanised lead silicate glass. Journal of Materials Chemistry C, 2013, 1, 6782.	5.5	13
205	Direct Amidation from Alcohols and Amines through a Tandem Oxidation Process Catalyzed by Heterogeneousâ€Polymerâ€Incarcerated Gold Nanoparticles under Aerobic Conditions. Chemistry - an Asian Journal, 2013, 8, 2614-2626.	3.3	40
206	A green route for the synthesis of 2-substituted benzoxazole derivatives catalyzed by Al3+-exchanged K10 clay. Tetrahedron Letters, 2013, 54, 6415-6419.	1.4	21
207	Copper-catalyzed oxidative amidation of dibenzylamines via C–H bond activation. Chinese Journal of Catalysis, 2013, 34, 1644-1650.	14.0	4
208	Synthesis of cationic glyco-oligoamide for DNA–carbohydrate interaction studies. Supramolecular Chemistry, 2013, 25, 656-664.	1.2	Ο
209	Green oxidative synthesis of primary amides from primary alcohols or aldehydes catalyzed by a cryptomelane-type manganese oxide-based octahedral molecular sieve, OMS-2. Catalysis Science and Technology, 2013, 3, 318-327.	4.1	86
210	Preptin Analogues: Chemical Synthesis, Secondary Structure and Biological Studies. Chemical Biology and Drug Design, 2013, 82, 429-437.	3.2	16
211	A copper-catalysed amidation of aldehydes via N-hydroxysuccinimide ester formation. Organic and Biomolecular Chemistry, 2013, 11, 8241.	2.8	28
212	Chemical Probes to Study ADP-Ribosylation: Synthesis and Biochemical Evaluation of Inhibitors of the Human ADP-Ribosyltransferase ARTD3/PARP3. Journal of Medicinal Chemistry, 2013, 56, 9556-9568.	6.4	9
213	Efficient activity of magnesium–aluminium hydrotalcite in the synthesis of amides. RSC Advances, 2013, 3, 23046.	3.6	15
214	Ironâ€Catalyzed Oxidative Amidation of Tertiary Amines with Aldehydes. Chemistry - A European Journal, 2013, 19, 82-86.	3.3	93

#	Article	IF	CITATIONS
215	Enantiopure Trifluoromethylated β3,3-Amino Acids: Synthesis by Asymmetric Reformatsky Reaction with Stable Analogues of Trifluoromethyl N-tert-Butanesulfinylketoimines and Incorporation into α/β-Peptides. Journal of Organic Chemistry, 2013, 78, 1127-1137.	3.2	45
216	Evaluation of alternative solvents in common amide coupling reactions: replacement of dichloromethane and N,N-dimethylformamide. Green Chemistry, 2013, 15, 596.	9.0	118
217	Versatilities of graphene-based catalysts in organic transformations. Green Materials, 2013, 1, 47-61.	2.1	47
218	Asymmetric NHC-catalyzed synthesis of α-fluoroamides from readily accessible α-fluoroenals. Chemical Science, 2013, 4, 1674.	7.4	60
219	Direct Nucleophilic Addition to <i>Nâ€</i> Alkoxyamides. Chemistry - A European Journal, 2013, 19, 678-684.	3.3	45
220	Facile and efficient addition of terminal alkynes to benzotriazole esters: synthesis of d-erythro-sphingosine using ynones as the key intermediate. Tetrahedron Letters, 2013, 54, 7111-7114.	1.4	14
221	Amides derived from heteroaromatic amines and selected steryl hemiesters. Steroids, 2013, 78, 1347-1352.	1.8	11
222	Synthesis and biological activity of mycophenolic acid-amino acid derivatives. European Journal of Medicinal Chemistry, 2013, 69, 863-871.	5.5	29
223	Internal redox amidation of Î \pm ,Î ² -unsaturated aldehydes in ionic liquids. The electrochemical route. Electrochimica Acta, 2013, 89, 692-699.	5.2	16
224	Governing Parameters of Long-Range Intramolecular <i>S</i> -to- <i>N</i> Acyl Transfers within (<i>S</i>)-Acyl Isopeptides. Journal of Chemical Theory and Computation, 2013, 9, 927-934.	5.3	16
225	Helical peptides from VEGF and Vammin hotspots for modulating the VEGF–VEGFR interaction. Organic and Biomolecular Chemistry, 2013, 11, 1896.	2.8	27
226	Metal-catalyzed amide bond forming reactions in an environmentally friendly aqueous medium: nitrile hydrations and beyond. Green Chemistry, 2013, 15, 46-66.	9.0	207
227	<scp>l</scp> -Proline: An Efficient Catalyst for Transamidation of Carboxamides with Amines. Organic Letters, 2013, 15, 1496-1499.	4.6	151
228	Microwave-Assisted Amidation of Arylacetic Acids by Reaction with 2-Aryl-ethylamines. Synthetic Communications, 2013, 43, 1491-1498.	2.1	5
229	Copper atalyzed Oxidative Coupling of Carboxylic Acids with <i>N</i> , <i>N</i> â€Dialkylformamides: An Approach to the Synthesis of Amides. European Journal of Organic Chemistry, 2013, 2013, 1218-1222.	2.4	54
230	Mechanism of arylboronic acid-catalyzed amidation reaction between carboxylic acids and amines. Organic and Biomolecular Chemistry, 2013, 11, 2140.	2.8	44
231	An efficient protocol for the preparation of amides by copper-catalyzed reactions between nitriles and amines in water. Tetrahedron Letters, 2013, 54, 2212-2216.	1.4	20
232	Acid controlled generation of indanes and oxazolines from β-hydroxyarylethanamide. Tetrahedron Letters, 2013, 54, 2315-2320.	1.4	12

#	Article	IF	CITATIONS
233	Facile preparation of amides from carboxylic acids and amines with ion-supported Ph3P. Tetrahedron, 2013, 69, 3971-3977.	1.9	21
234	Direct Synthesis of Amides from Carboxylic Acids and Amines Using B(OCH ₂ CF ₃) ₃ . Journal of Organic Chemistry, 2013, 78, 4512-4523.	3.2	215
235	Direct synthesis of amides from amines using mesoporous Mn-SBA-12 and Mn-SBA-16 catalysts. Catalysis Communications, 2013, 37, 36-40.	3.3	15
236	nBu4NI-catalyzed unexpected amide bond formation between aldehydes and aromatic tertiary amines. RSC Advances, 2013, 3, 3869.	3.6	41
237	Ruthenium-catalyzed one-pot synthesis of primary amides from aldehydes in water. RSC Advances, 2013, 3, 5889.	3.6	36
238	Peptide Fragment Coupling Using a Continuousâ€Flow Photochemical Rearrangement of Nitrones. Angewandte Chemie - International Edition, 2013, 52, 4251-4255.	13.8	50
239	A novel and simple transamidation of carboxamides in 1,4-dioxane without a catalyst. Tetrahedron Letters, 2013, 54, 2553-2555.	1.4	28
240	Amide Formation in One Pot from Carboxylic Acids and Amines via Carboxyl and Sulfinyl Mixed Anhydrides. Organic Letters, 2013, 15, 2550-2553.	4.6	18
241	Copper-catalyzed dehydrogenative reaction: synthesis of amide from aldehydes and aminopyridine. Tetrahedron, 2013, 69, 6431-6435.	1.9	46
242	Palladium-Catalyzed Oxidative Aminocarbonylation: A New Entry to Amides via C–H Activation. Organic Letters, 2013, 15, 3370-3373.	4.6	120
243	Immobilization of Ferrocene-Modified SNAP-Fusion Proteins. International Journal of Molecular Sciences, 2013, 14, 4066-4080.	4.1	19
244	Synthesis of <i>N</i> â€Arylamides by Copperâ€Catalyzed Amination of Aryl Halides with Nitriles. Advanced Synthesis and Catalysis, 2013, 355, 1495-1499.	4.3	39
245	Palladium Nanoparticles Supported on ZIF-8 As an Efficient Heterogeneous Catalyst for Aminocarbonylation. ACS Catalysis, 2013, 3, 1406-1410.	11.2	173
246	Synthesis, Coordination Properties, and Catalytic Use of Phosphinoferrocene Carboxamides Bearing Donor-Functionalized Amide Substituents. Organometallics, 2013, 32, 5754-5765.	2.3	17
247	Iron-catalysed oxidative amidation of alcohols with amines. Organic and Biomolecular Chemistry, 2013, 11, 3803.	2.8	72
248	COMU: scope and limitations of the latest innovation in peptide acyl transfer reagents. Journal of Peptide Science, 2013, 19, 408-414.	1.4	37
249	Patchwork Protein Chemistry: A Practitioner's Treatise on the Advances in Synthetic Peptide Stitchery. ChemBioChem, 2013, 14, 1032-1048.	2.6	12
250	Primary Alkylboronic Acids as Highly Active Catalysts for the Dehydrative Amide Condensation of α-Hydroxycarboxylic Acids. Organic Letters, 2013, 15, 3654-3657.	4.6	76

#	Article	IF	CITATIONS
251	XtalFluor-E, an Efficient Coupling Reagent for Amidation of Carboxylic Acids. Organic Letters, 2013, 15, 902-905.	4.6	39
252	Targeted thiolation of graphene oxide and its utilization as precursor for graphene/silver nanoparticles composites. Carbon, 2013, 61, 543-550.	10.3	75
253	Amide Formation Using In Situ Activation of Carboxylic Acids with [Et ₂ NSF ₂]BF ₄ . European Journal of Organic Chemistry, 2013, 2013, 4325-4331.	2.4	18
254	Stereocontrolled Syntheses of Peptide Thioesters Containing Modified Seryl Residues as Probes of Antibiotic Biosynthesis. Journal of Organic Chemistry, 2013, 78, 6412-6426.	3.2	17
255	Catalytic Conversion of Nitriles into Secondary―and Tertiary Amides. ChemCatChem, 2013, 5, 435-438.	3.7	14
256	Rhodiumâ€Catalyzed Synthesis of Amides from Aldehydes and Azides by Chelationâ€Assisted CH Bond Activation. Chemistry - A European Journal, 2013, 19, 10511-10515.	3.3	93
257	Unusual amidation reaction of asparagine-containing glycopeptide antibiotics in the presence of (benzotriazole-1-yl)oxy-tris(pyrrolidino)phosphonium hexafluorophosphate (PyBOP). Russian Journal of Bioorganic Chemistry, 2013, 39, 121-130.	1.0	2
258	Amide Bond Formation through Iron-Catalyzed Oxidative Amidation of Tertiary Amines with Anhydrides. Journal of Organic Chemistry, 2013, 78, 5638-5646.	3.2	66
259	Rhodium(III)-Catalyzed Intermolecular Direct Amidation of Aldehyde C–H Bonds with <i>N</i> -Chloroamines at Room Temperature. Organic Letters, 2013, 15, 2934-2937.	4.6	56
260	The surface modification of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) copolymers to improve the attachment of urothelial cells. Materials Science and Engineering C, 2013, 33, 362-369.	7.3	16
261	Stereoretentive Copper(II)â€Catalyzed Ritter Reactions of Secondary Cycloalkanols. Advanced Synthesis and Catalysis, 2013, 355, 3071-3076.	4.3	15
262	Selective CC _{sp} Bond Cleavage: The Nitrogenation of Alkynes to Amides. Angewandte Chemie - International Edition, 2013, 52, 7850-7854.	13.8	93
263	Direct Amide Formation from N-Arylglycine Ethyl Esters and Carboxylic Acids Catalysed by Phenylboronic Acid. Journal of Chemical Research, 2013, 37, 460-463.	1.3	3
264	Synthesis and new application of green and recyclable cyclic poly(<scp>L</scp> -lactide)-clay hybrid. Journal of Polymer Science Part A, 2013, 51, 4167-4174.	2.3	13
265	Study of 1,3,5-Triazine-Based Catalytic Amide-Forming Reactions: Effect of Solvents and Basicity of Reactants. Chemical and Pharmaceutical Bulletin, 2013, 61, 882-886.	1.3	12
266	Syntheses of Aldol Products and Cyanohydrins from Carboxylic Acids Using Hydrosilanes, Organosilicon Reagents, and Indium Triiodide Catalyst. Chemistry Letters, 2013, 42, 1551-1553.	1.3	6
269	Observation of the dynamics of magnetically induced chains of sub-micron superparamagnetic beads in aqueous solutions by laser light scattering. Journal of Physics: Conference Series, 2013, 433, 012020.	0.4	1
272	Peptide Coupling Agents. , 2014, , 786-787.		0

#	Article	IF	CITATIONS
273	Supported Metal Hydroxides as Efficient Heterogeneous Catalysts for Green Functional Group Transformations. Journal of the Japan Petroleum Institute, 2014, 57, 251-260.	0.6	3
274	Ruthenium-Catalyzed Amide-Bond Formation. Topics in Organometallic Chemistry, 2014, , 81-118.	0.7	22
276	Sustained Immobilization of Growth Factor Proteins Based on Functionalized Parylenes. ACS Applied Materials & Interfaces, 2014, 6, 21906-21910.	8.0	29
278	Efficient Amide Bond Formation through a Rapid and Strong Activation of Carboxylic Acids in a Microflow Reactor. Angewandte Chemie - International Edition, 2014, 53, 851-855.	13.8	132
280	Investigation of binap-based hydroxyphosphine arene–ruthenium(<scp>ii</scp>) complexes as catalysts for nitrile hydration. RSC Advances, 2014, 4, 63466-63474.	3.6	31
281	Selective recognition of anionic cell membranes using targeted liposomes coated with zinc(<scp>ii</scp>)-bis(dipicolylamine) affinity units. Organic and Biomolecular Chemistry, 2014, 12, 5645-5655.	2.8	13
282	Increasing the Reactivity of Amides towards Organometallic Reagents: An Overview. Advanced Synthesis and Catalysis, 2014, 356, 3697-3736.	4.3	207
283	A New Bifunctional Chelator Enables Facile Biocoupling and Radiolabeling as the Basis for a Bioconjugation Kit. ChemBioChem, 2014, 15, 986-994.	2.6	3
284	Palladium atalyzed carbonylation of quaternary ammonium halides to tertiary amides. Applied Organometallic Chemistry, 2014, 28, 310-314.	3.5	16
285	Acidâ€Promoted Chemoselective Introduction of Amide Functionality onto Aromatic Compounds Mediated by an Isocyanate Cation Generated from Carbamate. Chemistry - an Asian Journal, 2014, 9, 2995-3004.	3.3	16
286	Transformation of gas-phase amino acid clusters to dipeptides: a nice approach to demonstrate the formation of prebiotic peptides. Rapid Communications in Mass Spectrometry, 2014, 28, 2019-2023.	1.5	14
287	Hydrogen Bond Organocatalysis of Benzotriazole in Transamidation of Carboxamides with Amines. Heterocycles, 2014, 88, 403.	0.7	18
288	Serine/threonine ligation for the chemical synthesis of proteins. Current Opinion in Chemical Biology, 2014, 22, 108-114.	6.1	39
289	Metallo-Biopolymers: Conjugation Strategies and Applications. Polymer Reviews, 2014, 54, 627-676.	10.9	11
290	Polymerâ€anchored Ru(II) complex as an efficient catalyst for the synthesis of primary amides from nitriles and of secondary amides from alcohols and amines. Applied Organometallic Chemistry, 2014, 28, 900-907.	3.5	13
291	Switchable Amplification of Vibrational Circular Dichroism as a Probe of Local Chiral Structure. Angewandte Chemie - International Edition, 2014, 53, 14042-14045.	13.8	27
292	5. Synthesis strategies of nanocarbon hybrids. , 2014, , 125-170.		0
293	New chiral derivatives of xanthones: Synthesis and investigation of enantioselectivity as inhibitors of growth of human tumor cell lines. Bioorganic and Medicinal Chemistry, 2014, 22, 1049-1062.	3.0	41

#	Article	IF	CITATIONS
294	Catalytic acceptorless dehydrogenations: Ru-Macho catalyzed construction of amides and imines. Tetrahedron, 2014, 70, 4213-4218.	1.9	67
295	Synthesis of New Aza Thia Crowns Bearing 2,2′-Diaminodiphenyl Disulfide. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 394-399.	1.6	1
296	Microbial transglutaminase displays broad acyl-acceptor substrate specificity. Applied Microbiology and Biotechnology, 2014, 98, 219-230.	3.6	75
297	Synthesis and anticonvulsant evaluation of some new 1,3,4,5-tetrahydro-6-alkoxy-2H-1-benzazepin-2-one derivatives. Medicinal Chemistry Research, 2014, 23, 2810-2820.	2.4	2
298	Copperâ€Catalyzed Regioselective Synthesis of <i>N</i> â€Aryl Amides from Aldoximes and Aryl Halides. European Journal of Organic Chemistry, 2014, 2014, 1602-1605.	2.4	13
299	βâ€Hydroxyamideâ€Based Ligands and Their Use in the Enantioselective Borane Reduction of Prochiral Ketones. Chirality, 2014, 26, 21-26.	2.6	3
300	Magnetic CuFe2O4 nanoparticles: a retrievable catalyst for oxidative amidation of aldehydes with amine hydrochloride salts. Tetrahedron, 2014, 70, 6059-6067.	1.9	32
301	Selective radical amination of aldehydic C(sp ²)–H bonds with fluoroaryl azides via Co(<scp>ii</scp>)-based metalloradical catalysis: synthesis of N-fluoroaryl amides from aldehydes under neutral and nonoxidative conditions. Chemical Science, 2014, 5, 2422-2427.	7.4	62
302	Mesoporous Niobium Oxide Spheres as an Effective Catalyst for the Transamidation of Primary Amides with Amines. Advanced Synthesis and Catalysis, 2014, 356, 475-484.	4.3	44
303	Synthesis and catalytic evaluation in the Heck reaction of deposited palladium catalysts immobilized via amide linkers and their molecular analogues. Catalysis Today, 2014, 227, 207-214.	4.4	13
304	Access to the Aeruginosin Serine Protease Inhibitors through the Nucleophilic Opening of an Oxabicyclo[2.2.1]heptane: Total Synthesis of Microcin SF608. Chemistry - A European Journal, 2014, 20, 6071-6080.	3.3	22
305	Et4NI-catalyzed amidation of aldehydes and alcohols with ammonium salts. Organic and Biomolecular Chemistry, 2014, 12, 414-417.	2.8	37
306	Amide Synthesis by Nucleophilic Attack of Vinyl Azides. Angewandte Chemie - International Edition, 2014, 53, 4390-4394.	13.8	81
307	Inverse Peptide Synthesis via Activated αâ€Aminoesters. Angewandte Chemie - International Edition, 2014, 53, 5389-5393.	13.8	40
308	Metal-catalyzed nitrile hydration reactions: The specific contribution of ruthenium. Journal of Organometallic Chemistry, 2014, 771, 93-104.	1.8	79
309	Enantioselective Total Synthesis of (â^')‣ansaiâ€B and (+)â€Nocardioazinesâ€A and B. Angewandte Chemie International Edition, 2014, 53, 6206-6210.	2-13.8	85
310	Transition metal-free synthesis of primary amides from aldehydes and hydroxylamine hydrochloride. Tetrahedron Letters, 2014, 55, 3192-3194.	1.4	20
311	Diverted total synthesis of falcitidin acyl tetrapeptides as new antimalarial leads. Tetrahedron Letters, 2014, 55, 1949-1951.	1.4	10

#	Article	IF	CITATIONS
312	Choline chloride based eutectic solvent: an efficient and reusable solvent system for the synthesis of primary amides from aldehydes and from nitriles. RSC Advances, 2014, 4, 1102-1106.	3.6	58
313	Efficient Palladiumâ€Catalyzed Aminocarbonylation of Aryl Iodides Using Palladium Nanoparticles Dispersed on Siliceous Mesocellular Foam. Chemistry - A European Journal, 2014, 20, 5885-5889.	3.3	36
314	Ni-Catalyzed Direct Reductive Amidation via C–O Bond Cleavage. Journal of the American Chemical Society, 2014, 136, 7253-7256.	13.7	134
315	NaF regulated aqueous phase synthesis of aromatic amides and imines catalyzed by Au/HT. Catalysis Science and Technology, 2014, 4, 1710-1715.	4.1	16
316	Transamidation of Carboxamides Catalyzed by Fe(III) and Water. Journal of Organic Chemistry, 2014, 79, 4544-4552.	3.2	124
317	Ethyl 2-Cyano-2-(2-nitrobenzenesulfonyloxyimino)acetate (<i>o</i> -NosylOXY): A Recyclable Coupling Reagent for Racemization-Free Synthesis of Peptide, Amide, Hydroxamate, and Ester. Journal of Organic Chemistry, 2014, 79, 5420-5431.	3.2	48
318	Silyl Imine Electrophiles in Enantioselective Catalysis: A Rosetta Stone for Peptide Homologation, Enabling Diverse <i>N</i> -Protected Aryl Glycines from Aldehydes in Three Steps. Organic Letters, 2014, 16, 3146-3149.	4.6	27
319	Synthesis of Sterically Hindered <i>N</i> -Acylated Amino Acids from <i>N</i> -Carboxyanhydrides. Organic Letters, 2014, 16, 1526-1529.	4.6	30
320	Amidation of phenol derivatives: a direct synthesis of paracetamol (acetaminophen) from hydroquinone. Green Chemistry, 2014, 16, 2997.	9.0	42
321	PEC–Peptide Conjugates. Biomacromolecules, 2014, 15, 1543-1559.	5.4	246
322	Redox-responsive polymers for drug delivery: from molecular design to applications. Polymer Chemistry, 2014, 5, 1519-1528.	3.9	483
323	Palladium-catalyzed arylation of aryl sulfonamides with cyclohexanones. Journal of Molecular Catalysis A, 2014, 383-384, 94-100.	4.8	36
324	Carbonylation of quaternary ammonium salts to tertiary amides using NaCo(CO)4 catalyst. Journal of Molecular Catalysis A, 2014, 381, 120-125.	4.8	21
325	Quantum chemical calculations of conformation, vibrational spectroscopic, electronic, NBO and thermodynamic properties of 2,2-dichloro-N-(2,3-dichlorophenyl) acetamide and 2,2-dichloro-N-(2,3-dichlorophenyl) acetamide. Computational and Theoretical Chemistry, 2014, 1032, 27-41	2.5	10
326	Catalytic amide formation from non-activated carboxylic acids and amines. Chemical Society Reviews, 2014, 43, 2714-2742.	38.1	504
327	Mild and Selective Heterogeneous Catalytic Hydration of Nitriles to Amides by Flowing through Manganese Dioxide. Organic Letters, 2014, 16, 1060-1063.	4.6	114
328	Synthesis of Primary Amides via Copper-Catalyzed Aerobic Decarboxylative Ammoxidation of Phenylacetic Acids and α-Hydroxyphenylacetic Acids with Ammonia in Water. Organic Letters, 2014, 16, 624-627.	4.6	75
329	Amidation Reactions from the Direct Coupling of Metal Carboxylate Salts with Amines. Journal of Organic Chemistry, 2014, 79, 943-954.	3.2	49

#	Article	IF	CITATIONS
330	Addition of antimicrobial properties to hyaluronic acid by grafting of antimicrobial peptide. European Polymer Journal, 2014, 51, 182-190.	5.4	81
331	Pd-Catalyzed Chemoselective Carbonylation of Aminophenols with Iodoarenes: Alkoxycarbonylation vs Aminocarbonylation. Journal of the American Chemical Society, 2014, 136, 16970-16973.	13.7	107
332	Artificial Photosynthesis: Molecular Systems for Catalytic Water Oxidation. Chemical Reviews, 2014, 114, 11863-12001.	47.7	1,161
333	Metal-free in situ sp3, sp2, and sp C–H functionalization and oxidative cross coupling with benzamidines hydrochloride: a promising approach for the synthesis of α-ketoimides. RSC Advances, 2014, 4, 60316-60326.	3.6	38
334	Heterogeneous Pd catalysts supported on silica matrices. RSC Advances, 2014, 4, 65137-65162.	3.6	137
335	Triphosgeneâ€Mediated Couplings in the Solid Phase: Total Synthesis of Brachystemin A. European Journal of Organic Chemistry, 2014, 2014, 7572-7576.	2.4	6
336	Design and Characterization of Two Bifunctional Cryptophane Aâ€Based Host Molecules for Xenon Magnetic Resonance Imaging Applications. ChemPlusChem, 2014, 79, 1463-1471.	2.8	18
337	Metal free amide synthesis via carbon–carbon bond cleavage. Tetrahedron, 2014, 70, 9615-9620.	1.9	16
338	Microwave-assisted heteropolyanion-based ionic liquids catalyzed transamidation of non-activated carboxamides with amines under solvent-free conditions. Tetrahedron, 2014, 70, 9492-9499.	1.9	37
339	Selective Palladium-Catalyzed Aminocarbonylation of 1,3-Dienes: Atom-Efficient Synthesis of β,γ-Unsaturated Amides. Journal of the American Chemical Society, 2014, 136, 16039-16043.	13.7	90
340	Diverse modifications of the 4-methylphenyl moiety of TAK-779 by late-stage Suzuki–Miyaura cross-coupling. Organic and Biomolecular Chemistry, 2014, 12, 177-186.	2.8	8
341	Fast TiO ₂ -catalyzed direct amidation of neat carboxylic acids under mild dielectric heating. Catalysis Science and Technology, 2014, 4, 1395-1399.	4.1	19
342	Clicked bis-PEG-peptide conjugates for studying calmodulin-Kv7.2 channel binding. Organic and Biomolecular Chemistry, 2014, 12, 8877-8887.	2.8	8
343	Chiral amides via copper-catalysed enantioselective conjugate addition. Organic and Biomolecular Chemistry, 2014, 12, 36-41.	2.8	12
344	Synthesis of amides through an oxidative amidation of tetrazoles with aldehydes under transition-metal-free conditions. RSC Advances, 2014, 4, 54539-54546.	3.6	11
345	MCF-supported boronic acids as efficient catalysts for direct amide condensation of carboxylic acids and amines. Chemical Communications, 2014, 50, 7017-7019.	4.1	36
346	Arrays of polyacrylamide hydrogels using a carbodiimideâ€mediated crosslinking reaction. Journal of Applied Polymer Science, 2014, 131, .	2.6	5
347	Cascade nitrosation and addition–elimination of nitroacetanilides for the highly efficient synthesis of 1,4,2,5-dioxadiazine derivatives. Organic and Biomolecular Chemistry, 2014, 12, 4192-4200.	2.8	6

ARTICLE

IF CITATIONS

13

348	6.09 Synthesis of Esters and	Lactones.	, 2014, ,	355-410.
-----	------------------------------	-----------	-----------	----------

349	Chemoselective Reductive Nucleophilic Addition to Tertiary Amides, Secondary Amides, and <i>N</i> â€Methoxyamides. Chemistry - A European Journal, 2014, 20, 17565-17571.	3.3	75
350	A new method for peptide synthesis in the N→C direction: amide assembly through silver-promoted reaction of thioamides. Chemical Communications, 2014, 50, 15963-15966.	4.1	27
351	Facile access to amides and hydroxamic acids directly from nitroarenes. Organic and Biomolecular Chemistry, 2014, 12, 6465-6469.	2.8	19
352	Controlled thioamide vs. amide formation in the thioacid–azide reaction under acidic aqueous conditions. Chemical Communications, 2014, 50, 4603.	4.1	17
353	An efficient synthesis of amides from alcohols and azides catalyzed by a bifunctional catalyst Au/DNA under mild conditions. Green Chemistry, 2014, 16, 2443.	9.0	31
354	Phenazinium Salt-Catalyzed Aerobic Oxidative Amidation of Aromatic Aldehydes. Organic Letters, 2014, 16, 5812-5815.	4.6	98
355	Peptide Coupling between Amino Acids and the Carboxylic Acid of a Functionalized Chlorido-gold(I)-phosphane. Inorganic Chemistry, 2014, 53, 10602-10610.	4.0	5
356	Antimycobacterial activity generated by the amide coupling of (â^')-fenchone derived aminoalcohol with cinnamic acids and analogues. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5030-5033.	2.2	9
357	Tri- and tetrafluoropropionamides derived from chiral secondary amines – synthesis and the conformational studies. New Journal of Chemistry, 2014, 38, 3819-3830.	2.8	8
358	Chitosan: an efficient recyclable catalyst for transamidation of carboxamides with amines under neat conditions. Green Chemistry, 2014, 16, 4122.	9.0	64
359	Direct Synthesis of Amides from Coupling of Alcohols and Amines Catalyzed by Ruthenium(II) Thiocarboxamide Complexes under Aerobic Conditions. Organometallics, 2014, 33, 4269-4278.	2.3	43
360	6.11 N-Acylation Reactions of Amines. , 2014, , 427-478.		7
361	Umpolung Amide Synthesis Using Substoichiometric <i>N</i> -lodosuccinimide (NIS) and Oxygen as a Terminal Oxidant. Organic Letters, 2014, 16, 4714-4717.	4.6	42
362	Functionalization of 2″â€ <i>C</i> â€(Piperazinomethyl)â€2′,3′â€BcNA (Bicyclic Nucleic Acids) with Pyrenâ€1â€ylcarbonyl Units. Helvetica Chimica Acta, 2014, 97, 1204-1218.	1.6	0
363	A novel and efficient amidation of 2-aminothiazole. Tetrahedron Letters, 2014, 55, 6582-6584.	1.4	5
364	DFT Mechanistic Study of Rull-Catalyzed Amide Synthesis from Alcohol and Nitrile Unveils a Different Mechanism for Borrowing Hydrogen. ACS Catalysis, 2014, 4, 2854-2865.	11.2	27
365	Application of Functional Hybrids Incorporating Carbon Nanotubes or Graphene. , 2014, , 387-433.		4

#	Article	IF	CITATIONS
366	"Bioâ€â€Macromolecules: Polymerâ€Protein Conjugates as Emerging Scaffolds for Therapeutics. Macromolecular Rapid Communications, 2014, 35, 27-43.	3.9	38
367	Microwave assisted, Ca(II)-catalyzed Ritter reaction for the green synthesis of amides. Tetrahedron Letters, 2014, 55, 4657-4660.	1.4	50
368	Chemoenzymatic synthesis of \hat{l}^2 -carboline derivatives using McbA, a new ATP-dependent amide synthetase. Tetrahedron Letters, 2014, 55, 4901-4904.	1.4	18
369	Rh(III)-catalyzed oxidative amidation of aldehydes: An efficient route to N-pyridinamides and imides. Chinese Journal of Catalysis, 2014, 35, 1012-1016.	14.0	7
370	An Efficient Procedure for the Preparation of Carboxamides and Peptides usingin situGeneratedN-Succinimidyl Active Esters. Organic Preparations and Procedures International, 2014, 46, 370-375.	1.3	2
371	TMSCI-Mediated Synthesis of α,β-Unsaturated Amides via C–C Bond Cleavage and C–N Bond Formation of Propargyl Alcohols with Trimethylsilyl Azide. Journal of Organic Chemistry, 2014, 79, 7616-7625.	3.2	37
372	Systematic Evaluation and Optimization of Modification Reactions of Oligonucleotides with Amines and Carboxylic Acids for the Synthesis of DNA-Encoded Chemical Libraries. Bioconjugate Chemistry, 2014, 25, 1453-1461.	3.6	56
373	Postsynthetic modification of an amino-tagged MOF using peptide coupling reagents: a comparative study. Chemical Communications, 2014, 50, 11472-11475.	4.1	56
374	Oxidative synthesis of benzamides from toluenes and DMF. Tetrahedron Letters, 2014, 55, 5082-5084.	1.4	38
375	Oxidative coupling of methylamine with an aminyl radical: direct amidation catalyzed by I ₂ /TBHP with HCl. Chemical Communications, 2014, 50, 4085-4088.	4.1	46
376	Syntheses of amides via iodine-catalyzed multiple sp3 C-H bonds oxidation of methylarenes and sequential coupling with N,N-dialkylformamides. Science China Chemistry, 2014, 57, 1176-1182.	8.2	14
377	Oxyma-B, an excellent racemization suppressor for peptide synthesis. Organic and Biomolecular Chemistry, 2014, 12, 8379-8385.	2.8	28
378	Total Synthesis and Antibacterial Testing of the A54556 Cyclic Acyldepsipeptides Isolated from <i>Streptomyces hawaiiensis</i> . Journal of Natural Products, 2014, 77, 2170-2181.	3.0	26
379	Polymer supported Pd catalyzed carbonylation of aryl bromides for the synthesis of aryl esters and amides. RSC Advances, 2014, 4, 38986-38999.	3.6	20
380	Recent advances in catalytic C–N bond formation: a comparison of cascade hydroaminomethylation and reductive amination reactions with the corresponding hydroamidomethylation and reductive amidation reactions. Organic and Biomolecular Chemistry, 2014, 12, 7179.	2.8	83
381	Cu(II)–acetylacetone complex covalently anchored onto magnetic nanoparticles: Synthesis, characterization and catalytic evaluation in amide bond formation via oxidative coupling of carboxylic acids with N,N-dialkylformamides. Journal of Organometallic Chemistry, 2014, 772-773, 222-228.	1.8	35
382	Design and synthesis of novel heterocyclic acetamide derivatives for potential analgesic, anti-inflammatory, and antimicrobial activities. Medicinal Chemistry Research, 2014, 23, 4280-4294.	2.4	11
383	Triphenylphosphine-catalysed amide bond formation between carboxylic acids and amines. Chemical Communications, 2014, 50, 5763.	4.1	80

#	Article	IF	CITATIONS
384	Enzyme-catalyzed cascade synthesis of hydroxyiminoacetamides. Tetrahedron Letters, 2014, 55, 4338-4341.	1.4	5
385	Metal-free cross-dehydrogenative coupling of benzimidazoles with aldehydes to N-acylbenzimidazoles. Tetrahedron, 2014, 70, 5391-5397.	1.9	20
386	Rearrangement of aldoximes to amides in water under air atmosphere catalyzed by water-soluble iridium complex [Cp*Ir(H ₂ O) ₃][OTf] ₂ . Catalysis Science and Technology, 2014, 4, 988-996.	4.1	21
388	Copper-catalyzed direct oxidation and N-arylation of benzylamines with diaryliodonium salts. Science China Chemistry, 2014, 57, 1132-1136.	8.2	3
389	Synthesis of Oligomers of β-l-Arabinofuranosides of (4R)-4-Hydroxy-l-proline Relevant to the Mugwort Pollen Allergen, Art v 1. Journal of Organic Chemistry, 2014, 79, 7459-7467.	3.2	3
390	Total synthesis of proposed structure of coibamide A, a highly N- and O-methylated cytotoxic marine cyclodepsipeptide. Tetrahedron Letters, 2014, 55, 6109-6112.	1.4	18
391	Double amino acid – A novel molecule enabling peptide interpenetrating structures. Chemical Physics Letters, 2014, 599, 34-37.	2.6	8
392	Enantiopure antituberculosis candidates synthesized from (â^')-fenchone. European Journal of Medicinal Chemistry, 2014, 77, 243-247.	5.5	15
393	Propylphosphonic anhydride (T3P®): An expedient reagent for organic synthesis. Review Journal of Chemistry, 2014, 4, 53-131.	1.0	42
394	Practical Synthesis of Phthalimides and Benzamides by a Multicomponent Reaction Involving Arynes, Isocyanides, and CO ₂ /H ₂ O. Organic Letters, 2014, 16, 1728-1731.	4.6	78
395	Synthesis, characterization and mechanistic-insight into the anti-proliferative potential of PLGA-gemcitabine conjugate. International Journal of Pharmaceutics, 2014, 470, 51-62.	5.2	43
396	Amide synthesis from alcohols and amines catalyzed by a Rull–N-heterocyclic carbene (NHC)–carbonyl complex. Journal of Organometallic Chemistry, 2014, 771, 124-130.	1.8	52
397	Cu(II) and Zn(II) complexes of new 12- and 13-membered dioxopolyazacycloalkanes with pendant amide groups. Polyhedron, 2014, 79, 338-346.	2.2	7
398	Metal-free synthesis of aryl esters by coupling aryl carboxylic acids and aryl boronic acids. Tetrahedron Letters, 2014, 55, 2345-2347.	1.4	27
399	Post-assembly Modification of Kinetically Metastable Fe ^{II} ₂ L ₃ Triple Helicates. Journal of the American Chemical Society, 2014, 136, 8201-8204.	13.7	74
400	Direct Amidation of Carboxylic Acids with Tertiary Amines: Amide Formation over Copper Catalysts through C–N Bond Cleavage. European Journal of Organic Chemistry, 2014, 2014, 4244-4247.	2.4	26
401	Direct Oxidative Amidation between <i>N,N</i> â€dimethylanilines and Anhydrides Using Metalâ€Organic Framework [Cu ₂ (EDB) ₂ (BPY)] as an Efficient Heterogeneous Catalyst. ChemPlusChem, 2014, 79, 1129-1137.	2.8	8
402	Design, synthesis and biological evaluation of type-II VEGFR-2 inhibitors based on quinoxaline scaffold. Bioorganic Chemistry, 2014, 56, 16-26.	4.1	61

#	Article	IF	CITATIONS
403	Bionanoconjugation for Proteomics applications — An overview. Biotechnology Advances, 2014, 32, 952-970.	11.7	19
404	A convenient strategy for synthesizing the Agelas alkaloids clathrodin, oroidin, and hymenidin and their (un)saturated linker analogs. Tetrahedron Letters, 2014, 55, 3999-4001.	1.4	11
405	Scaffolding along Nucleic Acid Duplexes Using 2′-Amino-Locked Nucleic Acids. Accounts of Chemical Research, 2014, 47, 1768-1777.	15.6	61
406	Synthesis and structural characterisation of Pd(<scp>ii</scp>) and Pt(<scp>ii</scp>) complexes with a flexible, ferrocene-based P,S-donor amidophosphine ligand. Dalton Transactions, 2014, 43, 1599-1608.	3.3	12
407	Synthesis of truncated analogues of preptin-(1–16), and investigation of their ability to stimulate osteoblast proliferation. Bioorganic and Medicinal Chemistry, 2014, 22, 3565-3572.	3.0	8
408	Synthesis, characterization and photophysics of new photoactive ESIPT lipophilic dyes. Partition experiments with different composed liposomes. Dyes and Pigments, 2014, 110, 134-142.	3.7	20
409	Aerobic oxidative transformation of primary alcohols and amines to amides promoted by a hydroxyapatite-supported gold catalyst in water. Tetrahedron Letters, 2014, 55, 124-127.	1.4	31
410	TOMBU and COMBU as Novel Uronium-Type Peptide Coupling Reagents Derived from Oxyma-B. Molecules, 2014, 19, 18953-18965.	3.8	11
411	7. Experimental procedures for conducting organic reactions in continuous flow. , 2014, , 191-250.		0
414	Preparation, Reactivity, and Synthetic Utility of Simple Benzotriazole Derivatives. Topics in Heterocyclic Chemistry, 2015, , 1-66.	0.2	6
415	Total Syntheses of (±)-Gephyrotoxin and (±)-Perhydrogephyrotoxin. Bulletin of the Chemical Society of Japan, 2015, 88, 522-537.	3.2	26
416	Lipoylated Peptides and Proteins. Topics in Heterocyclic Chemistry, 2015, , 1.	0.2	Ο
417	Copper(I)â€Catalyzed Reductive Crossâ€Coupling of <i>N</i> â€Tosylhydrazones with Amides: A Straightforward Method for the Construction of C(<i>sp</i> ³)N Amide Bonds from Aldehydes. Advanced Synthesis and Catalysis, 2015, 357, 3441-3446.	4.3	22
418	<i>para</i> â€Selective CH Amidation of Simple Arenes with Nitriles. Advanced Synthesis and Catalysis, 2015, 357, 3435-3440.	4.3	20
420	Libraries of modified polyacrylamides using postâ€synthetic modification. Journal of Applied Polymer Science, 2015, 132, .	2.6	6
421	Rapid Vortex Fluidics: Continuous Flow Synthesis of Amides and Local Anesthetic Lidocaine. Chemistry - A European Journal, 2015, 21, 10660-10665.	3.3	54
422	BN–Graphene Composites Generated by Covalent Cross‣inking with Organic Linkers. Advanced Functional Materials, 2015, 25, 5910-5917.	14.9	59
423	Photooxidative Amidation of Aldehydes with Amines Catalyzed by Rose Bengal. Asian Journal of Organic Chemistry, 2015, 4, 533-536.	2.7	28

#	Article	IF	CITATIONS
424	Palladium atalyzed Aminocarbonylation of Aliphatic Alkenes with <i>N,N</i> â€Dimethylformamide as an Inâ€Situ Source of CO. ChemCatChem, 2015, 7, 4085-4090.	3.7	26
425	Transformation of Contactâ€Explosives Primary Amines and Iodine(III) into a Successful Chemical Reaction under Solventâ€Free Ball Milling Conditions. Advanced Synthesis and Catalysis, 2015, 357, 3977-3985.	4.3	50
426	Hypercondensation of an Amino Acid: Synthesis and Characterization of a Black Glycine Polymer. Chemistry - A European Journal, 2015, 21, 8897-8904.	3.3	13
427	Couplingâ€Reagentâ€Free Synthesis of Dipeptides and Tripeptides Using Amino Acid Ionic Liquids. Chemistry - A European Journal, 2015, 21, 11980-11983.	3.3	14
428	Oxidative Amidation of Nitroalkanes with Amine Nucleophiles using Molecular Oxygen and Iodine. Angewandte Chemie - International Edition, 2015, 54, 12986-12990.	13.8	55
429	Efficient Synthesis of Amides and Esters from Alcohols under Aerobic Ambient Conditions Catalyzed by a Au/Mesoporous Al ₂ O ₃ Nanocatalyst. ChemSusChem, 2015, 8, 1916-1925.	6.8	33
430	Discovering of Tumorâ€ŧargeting Peptides using Biâ€functional Microarray. Advanced Healthcare Materials, 2015, 4, 2802-2808.	7.6	14
432	Size of Gold Nanoparticles Driving Selective Amide Synthesis through Aerobic Condensation of Aldehydes and Amines. Angewandte Chemie - International Edition, 2015, 54, 7564-7567.	13.8	62
433	Catalytic Ring Expansion of Cyclic Hemiaminals for the Synthesis of Mediumâ€Ring Lactams. Angewandte Chemie - International Edition, 2015, 54, 10005-10008.	13.8	74
434	Amidation of Carboxylic Acids with Amines by Nb ₂ O ₅ as a Reusable Lewis Acid Catalyst. ChemCatChem, 2015, 7, 3555-3561.	3.7	43
435	Bifunctional Diaminoterephthalate Scaffolds as Fluorescence Turnâ€On Probes for Thiols. Chemistry - A European Journal, 2015, 21, 8214-8221.	3.3	14
436	A Heterogeneous Niobium(V) Oxide Catalyst for the Direct Amidation of Esters. ChemCatChem, 2015, 7, 2705-2710.	3.7	40
437	Oxidative Coupling between Methylarenes and Ammonia: A Direct Approach to Aromatic Primary Amides. Advanced Synthesis and Catalysis, 2015, 357, 2566-2570.	4.3	25
439	Graphene / Singleâ€Walled Carbon Nanotube Composites Generated by Covalent Crossâ€Linking. Chem an Asian Journal, 2015, 10, 2147-2152.	nistry - 3.3	21
440	Synthesis of multivalent carbohydrate mimetics with aminopolyol end groups and their evaluation as L-selectin inhibitors. Beilstein Journal of Organic Chemistry, 2015, 11, 638-646.	2.2	10
441	Molecular-oxygen-promoted Cu-catalyzed oxidative direct amidation of nonactivated carboxylic acids with azoles. Beilstein Journal of Organic Chemistry, 2015, 11, 2158-2165.	2.2	11
442	A multigram-scale lower E-factor procedure for MIBA-catalyzed direct amidation and its application to the coupling of alpha and beta aminoacids. Green Chemistry, 2015, 17, 4016-4028.	9.0	51
443	Synthesis of all-aliphatic polyamide dendrimers based on a 3,3′-diaminopivalic acid scaffold. Polymer Chemistry, 2015, 6, 3031-3038.	3.9	14

#	Article	IF	CITATIONS
444	Conformational Properties of cis- and trans-N-Cyclopropylformamide Studied by Microwave Spectroscopy and Quantum Chemical Calculations. Journal of Physical Chemistry A, 2015, 119, 3375-3383.	2.5	3
445	Developments and recent advancements in the field of endogenous amino acid selective bond forming reactions for bioconjugation. Chemical Society Reviews, 2015, 44, 5495-5551.	38.1	427
446	Chemical Protein Synthesis Using a Second-Generation <i>N</i> -Acylurea Linker for the Preparation of Peptide-Thioester Precursors. Journal of the American Chemical Society, 2015, 137, 7197-7209.	13.7	179
447	Copper-catalyzed efficient direct amidation of 2-methylquinolines with amines. Organic and Biomolecular Chemistry, 2015, 13, 6944-6948.	2.8	36
448	Copper catalysed direct amidation of methyl groups with N–H bonds. Organic and Biomolecular Chemistry, 2015, 13, 7289-7293.	2.8	37
449	Podophyllotoxin derivatives: a patent review (2012 – 2014). Expert Opinion on Therapeutic Patents, 2015, 25, 1025-1034.	5.0	55
450	Tunable Dehydrogenative Amidation versus Amination Using a Single Ruthenium-NHC Catalyst. ACS Catalysis, 2015, 5, 4143-4151.	11.2	115
451	Environmentally Friendly Synthesis of Amide by Metal-catalyzed Nitrile Hydration in Aqueous Medium. Applied Chemistry for Engineering, 2015, 26, 128-131.	0.2	7
452	Next-generation nanoantibacterial tools developed from peptides. Nanomedicine, 2015, 10, 1643-1661.	3.3	8
453	Synthesis, Biological Evaluation, and Utility of Fluorescent Ligands Targeting the μ-Opioid Receptor. Journal of Medicinal Chemistry, 2015, 58, 9754-9767.	6.4	23
454	Reactant cum solvent water: generation of transient l̂» ³ -hypervalent iodine, its reactivity, mechanism and broad application. RSC Advances, 2015, 5, 106633-106643.	3.6	7
455	Biodegradable citrate-based polyesters with S-nitrosothiol functional groups for nitric oxide release. Journal of Materials Chemistry B, 2015, 3, 9233-9241.	5.8	18
456	Copper-Catalyzed Ligand-Free Amidation of Benzylic Hydrocarbons and Inactive Aliphatic Alkanes. Organic Letters, 2015, 17, 4276-4279.	4.6	77
457	Carboxyl activation via silylthioesterification: one-pot, two-step amidation of carboxylic acids catalyzed by non-metal ammonium salts. Tetrahedron Letters, 2015, 56, 6034-6037.	1.4	8
458	Synthesis of phosphinoferrocene amides and thioamides from carbamoyl chlorides and the structural chemistry of Group 11 metal complexes with these mixed-donor ligands. Dalton Transactions, 2015, 44, 3092-3108.	3.3	16
459	Synthesis and antimicrobial activity of pyrazolyl benzoxazoles, benzothiazoles and benzimidazoles. Medicinal Chemistry Research, 2015, 24, 970-979.	2.4	12
460	Copper-catalyzed oxidative amidation between aldehydes and arylamines under mild conditions. Tetrahedron Letters, 2015, 56, 831-833.	1.4	32
461	A Practical, Protecting-Group-Free Synthesis of a PI3K/mTOR Inhibitor. Organic Process Research and Development, 2015, 19, 416-426.	2.7	11

		CITATION REPORT		
#	Article		IF	CITATIONS
462	Light-Enabled Synthesis of Anhydrides and Amides. Journal of Organic Chemistry, 2015,	80, 2874-2878.	3.2	22
463	Palladium-catalyzed oxidative carbamoylation of isoquinoline N-oxides with formylamide dual C–H oxidative coupling. Chemical Communications, 2015, 51, 4097-4100.	es by means of	4.1	34
464	Synthesis and anti-inflammatory in vitro, in silico, and in vivo studies of flavone analogu Chemistry Research, 2015, 24, 2656-2669.	es. Medicinal	2.4	9
465	2â€Furanylboronic Acid as an Effective Catalyst for the Direct Amidation of Carboxylic A Temperature. European Journal of Organic Chemistry, 2015, 2015, 1100-1107.	cids at Room	2.4	55
466	Cross-linked poly(arylene ether ketone) proton exchange membranes sulfonated on pol pendant, and cross-linked sites for enhanced proton conductivity. Solid State Ionics, 20	ymer backbone, 15, 270, 66-72.	2.7	18
467	The Effect of Counterion and Tertiary Amine on the Efficiency of <i>N</i> â€Triazinylami Sulfonates in Solution and Solidâ€Phase Peptide Synthesis. European Journal of Organio 2015, 401-408.	nonium c Chemistry, 2015,	2.4	39
468	A novel aromatic carbocation-based coupling reagent for esterification and amidation re Chemical Communications, 2015, 51, 3131-3134.	eactions.	4.1	62
469	Combination of gold and iridium catalysts for the synthesis of N-alkylated amides from alcohols. Catalysis Science and Technology, 2015, 5, 1953-1960.	nitriles and	4.1	15
470	Sulphuric acid immobilized on silica gel (H ₂ SO ₄ –SiO _{ eco-friendly catalyst for transamidation. RSC Advances, 2015, 5, 10567-10574.}	2) as an	3.6	48
471	Designing of thermally stable amide functionalized benzimidazolium perchlorate ionic li transamidation of primary carboxamides. Applied Catalysis A: General, 2015, 493, 158-1	quid for 167.	4.3	25
472	Generation and Trapping of Ketenes in Flow. European Journal of Organic Chemistry, 20 1491-1499.	15, 2015,	2.4	23
473	N-heterocyclic carbene-based ruthenium-catalyzed direct amidation of aldehydes with a Chemistry Frontiers, 2015, 2, 241-247.	mines. Organic	4.5	29
474	Nitrogen enriched mesoporous organic polymer anchored copper(<scp>ii</scp>) mater and reusable catalyst for the synthesis of esters and amides from aromatic systems. Dal Transactions, 2015, 44, 6546-6559.	ial: an efficient Iton	3.3	19
475	N-Heterocyclic carbene-based well-defined ruthenium hydride complexes for direct amic from alcohols and amines under base-free conditions. Tetrahedron, 2015, 71, 4565-456	le synthesis 9.	1.9	35
476	s-Triazene based fluorous coupling reagent for direct amide synthesis. Tetrahedron Lett 1960-1963.	ers, 2015, 56,	1.4	12
477	Role of molecular properties of ulvans on their ability to elaborate antiadhesive surfaces Biomedical Materials Research - Part A, 2015, 103, 1021-1028.	. Journal of	4.0	24
478	Design of an antibacterial gelatin based on a covalent protein–protein coupling. Jourr Polymer Science, 2015, 132,	al of Applied	2.6	1
479	Metal free access to amide compounds via peroxide-mediated Nî€N double bond cleava Organic Chemistry Frontiers, 2015, 2, 985-989.	ge of azobenzenes.	4.5	16

#	Article	IF	CITATIONS
480	Tf ₂ NH-Catalyzed Amide Synthesis from Vinyl Azides and Alcohols. Organic Letters, 2015, 17, 3138-3141.	4.6	55
481	An efficient mechanochemical synthesis of amides and dipeptides using 2,4,6-trichloro-1,3,5-triazine and PPh ₃ . RSC Advances, 2015, 5, 52624-52628.	3.6	52
482	General approach for the chromatographic determination of 2-hydroxypyridine-1-oxide (HOPO) in pharmaceutically relevant materials utilizing a high pH ion-pairing strategy. Journal of Pharmaceutical and Biomedical Analysis, 2015, 115, 62-68.	2.8	2
483	Copper(<scp>i</scp>)-catalyzed amidation reaction of organoboronic esters and isocyanates. Green Chemistry, 2015, 17, 5140-5143.	9.0	17
484	A novel 3-acetoxy-2-methyl-N-(4-methoxyphenyl)benzamide: Molecular structural describe, antioxidant activity with use X-ray diffractions and DFT calculations. Journal of Molecular Structure, 2015, 1100, 582-591.	3.6	53
485	Practical Peptide Synthesis Mediated by a Recyclable Hypervalent Iodine Reagent and Tris(4-methoxyphenyl)phosphine. Organic Letters, 2015, 17, 4106-4109.	4.6	21
486	Eco-friendly chemoselective N-functionalization of isatins mediated by supported KF in 2-MeTHF. Green Chemistry, 2015, 17, 4194-4197.	9.0	22
487	Peptide Coupling Reactions. Journal of Molecular Pharmaceutics & Organic Process Research, 2015, 03,	2.0	2
488	Microwave-promoted direct amidation of unactivated esters catalyzed by heteropolyanion-based ionic liquids under solvent-free conditions. Tetrahedron Letters, 2015, 56, 4527-4531.	1.4	29
489	Zirconium-catalyzed direct amide bond formation between carboxylic esters and amines. Tetrahedron, 2015, 71, 5547-5553.	1.9	33
490	A metal-free approach for transamidation of amides with amines in aqueous media. Tetrahedron Letters, 2015, 56, 4775-4779.	1.4	38
491	Synthesis of N-Sulfonylamidated and Amidated Azobenzenes under Rhodium Catalysis. Journal of Organic Chemistry, 2015, 80, 8026-8035.	3.2	32
492	A One-Pot, fast, and efficient amidation of carboxylic acids, α-amino acids and sulfonic acids using pph ₃ / <i>n</i> -chlorobenzotriazole system. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 1703-1714.	1.6	3
493	Covalent Binding of Heparin to Functionalized PET Materials for Improved Haemocompatibility. Materials, 2015, 8, 1526-1544.	2.9	33
494	Enantiospecific gram scale synthesis of (S)-eleagnine. Tetrahedron, 2015, 71, 5019-5024.	1.9	9
495	Immobilization of Protein on Nanoporous Metal-Organic Framework Materials. Comments on Inorganic Chemistry, 2015, 35, 331-349.	5.2	52
496	Convenient N-acetylation of amines in N,N-dimethylacetamide with N,N-carbonyldiimidazole. Tetrahedron Letters, 2015, 56, 3799-3803.	1.4	25
497	Ironâ€Catalyzed Direct Synthesis of Amides from Methylarenes. Advanced Synthesis and Catalysis, 2015, 357, 1437-1445.	4.3	23

#	Article	IF	Citations
498	Transition metal carboxylate coordination polymers with amide-bridged polypyridine co-ligands: assemblies and properties. CrystEngComm, 2015, 17, 3887-3907.	2.6	57
499	N-Heterocyclic carbene-catalysed amidation of vinyl esters with aromatic amines. Tetrahedron, 2015, 71, 3472-3477.	1.9	22
500	Synthesis of Ru(II) pyridoxal thiosemicarbazone complex and its catalytic application to one-pot conversion of aldehydes to primary amides. Inorganic Chemistry Communication, 2015, 56, 116-119.	3.9	17
501	Iron-catalyzed aerobic oxidative amidation of tertiary amines with carboxylic acids. Science China Chemistry, 2015, 58, 1310-1315.	8.2	9
502	FeSO4·7H2O-catalyzed oxidative amidation of methylarenes. Tetrahedron Letters, 2015, 56, 2674-2677.	1.4	16
503	Ru(II)-catalyzed ortho-amidation and decarboxylation of aromatic acids: a versatile route to meta-substituted N-aryl benzamides. Science China Chemistry, 2015, 58, 1286-1291.	8.2	34
504	A metal-enhanced fluorescence study of primary amines: determination of aminoglycosides with europium and gold nanoparticles. Analytical Methods, 2015, 7, 1407-1414.	2.7	15
505	Amino acid fluorides: viable tools for synthesis of peptides, peptidomimetics and enantiopure heterocycles. RSC Advances, 2015, 5, 48331-48362.	3.6	43
506	Nâ€Heterocyclic Carbene atalyzed Oxidative Amidation of Aldehydes with Amines. Advanced Synthesis and Catalysis, 2015, 357, 1199-1203.	4.3	46
507	Design and Synthesis of a Screening Library Using the Natural Product Scaffold 3-Chloro-4-hydroxyphenylacetic Acid. Journal of Natural Products, 2015, 78, 914-918.	3.0	10
508	Direct oxidative amidation between methylarenes and amines in water. Green Chemistry, 2015, 17, 2741-2744.	9.0	44
509	Copper-catalyzed highly efficient oxidative amidation of aldehydes with 2-aminopyridines in an aqueous micellar system. Green Chemistry, 2015, 17, 3728-3732.	9.0	57
510	Palladium atalyzed Hydroaminocarbonylation of Alkenes with Amines: A Strategy to Overcome the Basicity Barrier Imparted by Aliphatic Amines. Angewandte Chemie - International Edition, 2015, 54, 7657-7661.	13.8	131
511	Superparamagnetic Fe(OH) ₃ @Fe ₃ O ₄ Nanoparticles: An Efficient and Recoverable Catalyst for Tandem Oxidative Amidation of Alcohols with Amine Hydrochloride Salts. ACS Combinatorial Science, 2015, 17, 341-347.	3.8	50
512	An attractive route to transamidation catalysis: Facile synthesis of new o-aryloxide-N-heterocyclic carbene ruthenium(II) complexes containing trans triphenylphosphine donors. Journal of Molecular Catalysis A, 2015, 403, 15-26.	4.8	35
513	Enantioselective synthesis of <scp>d</scp> -α-amino amides from aliphatic aldehydes. Chemical Science, 2015, 6, 2590-2595.	7.4	41
514	Amino acid chlorides: a journey from instability and racemization towardÂbroader utility in organic synthesis including peptides and their mimetics. Tetrahedron, 2015, 71, 2785-2832.	1.9	24
515	Rh(I)-Catalyzed Hydroamidation of Olefins via Selective Activation of N–H Bonds in Aliphatic Amines. Journal of the American Chemical Society, 2015, 137, 6053-6058.	13.7	74

#	Article	IF	CITATIONS
516	FeCl 3 -catalyzed selective acylation of amines with 1,3-diketones via C–C bond cleavage. Tetrahedron Letters, 2015, 56, 3093-3096.	1.4	30
517	Direct amidation of carboxylic acids with amines under microwave irradiation using silica gel as a solid support. Green Chemistry, 2015, 17, 3157-3163.	9.0	70
518	EDC·HCl and Potassium Salts of Oxyma and Oxymaâ€B as Superior Coupling Cocktails for Peptide Synthesis. European Journal of Organic Chemistry, 2015, 2015, 3116-3120.	2.4	22
519	Catalytic Chemical Amide Synthesis at Room Temperature: One More Step Toward Peptide Synthesis. Journal of Organic Chemistry, 2015, 80, 4532-4544.	3.2	114
520	B(OCH ₂ CF ₃) ₃ -mediated direct amidation of pharmaceutically relevant building blocks in cyclopentyl methyl ether. Organic and Biomolecular Chemistry, 2015, 13, 10888-10894.	2.8	30
521	An azobenzene-containing metal–organic framework as an efficient heterogeneous catalyst for direct amidation of benzoic acids: synthesis of bioactive compounds. Chemical Communications, 2015, 51, 17132-17135.	4.1	59
522	Solvent-free, scalable and expeditious synthesis of benzanilides under microwave irradiation using clay doped with palladium nanoparticles as a recyclable and efficient catalyst. Green Chemistry Letters and Reviews, 2015, 8, 1-8.	4.7	31
523	Lipoylated Peptides and Proteins. Topics in Heterocyclic Chemistry, 2015, , 235-252.	0.2	0
524	General and efficient oxidative amidation of benzyl alcohols with amines using diacetoxyiodobenzene and TBHP. Tetrahedron Letters, 2015, 56, 6768-6771.	1.4	15
525	Efficient conversion of acids and esters to amides and transamidation of primary amides using OSU-6. Tetrahedron, 2015, 71, 9101-9111.	1.9	28
526	Direct amidation of aniline derivatives with 1,1-dichloro-2-nitroethene in water. Tetrahedron Letters, 2015, 56, 5945-5949.	1.4	5
527	Silica supported palladium-phosphine as a reusable catalyst for alkoxycarbonylation and aminocarbonylation of aryl and heteroaryl iodides. RSC Advances, 2015, 5, 94776-94785.	3.6	42
528	Fabrication of nanocomposites by covalent bonding between noble metal nanoparticles and polymer matrix. RSC Advances, 2015, 5, 70127-70138.	3.6	17
529	Catalytic role of Cu(I) species in Cu2O/CuI supported on MWCNTs in the oxidative amidation of aryl aldehydes with 2-aminopyridines. Chinese Journal of Catalysis, 2015, 36, 1825-1836.	14.0	15
530	TCT-mediated synthesis of N-acylbenzotriazoles in aqueous media. Tetrahedron Letters, 2015, 56, 6998-7000.	1.4	9
531	A simple and greener approach for the amide bond formation employing FeCl ₃ as a catalyst. New Journal of Chemistry, 2015, 39, 7746-7749.	2.8	20
533	The copper-catalyzed aerobic oxidative amidation of tertiary amines. Chemical Communications, 2015, 51, 17596-17599.	4.1	20
534	Synthesis of BACE Inhibitor LY2886721. Part II. Isoxazolidines as Precursors to Chiral Aminothiazines, Selective Peptide Coupling, and a Controlled Reactive Crystallization. Organic Process Research and Development, 2015, 19, 1214-1230.	2.7	26

#	Article	IF	CITATIONS
535	In situ protection and deprotection of amines for iron catalyzed oxidative amidation of aldehydes. Tetrahedron Letters, 2015, 56, 5656-5660.	1.4	9
536	Nitrile hydration to amide in water: Palladium-based nanoparticles vs molecular catalyst. Journal of Molecular Catalysis A, 2015, 410, 26-33.	4.8	12
537	Chemoselective calcium-catalysed direct amidation of carboxylic esters. RSC Advances, 2015, 5, 77658-77661.	3.6	28
538	Adhesive RAFT agents for controlled polymerization of acrylamide: effect of catechol-end R groups. RSC Advances, 2015, 5, 76919-76926.	3.6	18
539	Borinic acid catalysed peptide synthesis. Chemical Communications, 2015, 51, 16084-16087.	4.1	76
540	Palladium–N-heterocyclic carbene (NHC)-catalyzed synthesis of 2-ynamides via oxidative aminocarbonylation of alkynes with amines. Catalysis Science and Technology, 2015, 5, 4750-4754.	4.1	38
541	Pd/C-catalyzed facile synthesis of primary aromatic amides by aminocarbonylation of aryl iodides using ammonia surrogates. RSC Advances, 2015, 5, 76122-76127.	3.6	31
542	Polyethylene Glycol as a Recyclable Reaction Medium for Gold-Catalysed Direct Oxidative Amide Synthesis from Aldehydes and Amines. Journal of Chemical Research, 2015, 39, 654-656.	1.3	9
543	Excited-State Charge Transfer within Covalently Linked Quantum Dot Heterostructures. Journal of Physical Chemistry C, 2015, 119, 27737-27748.	3.1	8
544	Direct Amidation of <i>N</i> -Boc- and <i>N</i> -Cbz-Protected Amines via Rhodium-Catalyzed Coupling of Arylboroxines and Carbamates. Organic Letters, 2015, 17, 6054-6057.	4.6	14
545	lodine-catalyzed efficient amide formation from aldehydes and amines. Tetrahedron Letters, 2015, 56, 7120-7123.	1.4	9
546	Direct Waste-Free Synthesis of Amides from Nonactivated Carboxylic Acids and Amines: Application to the Synthesis of Tetrahydroisoquinolines. Synthetic Communications, 2015, 45, 847-856.	2.1	5
547	Discovery of two new classes of potent monoamine oxidase-B inhibitors by tricky chemistry. Chemical Communications, 2015, 51, 2832-2835.	4.1	44
548	Synthesis of Secondary Amides from <i>N</i> ‣ubstituted Amidines by Tandem Oxidative Rearrangement and Isocyanate Elimination. Advanced Synthesis and Catalysis, 2015, 357, 197-209.	4.3	31
549	Palladium on manganese ferrite: an efficient catalyst for one pot synthesis of primary amides from iodobenzene. RSC Advances, 2015, 5, 6636-6641.	3.6	6
550	Indole-based novel small molecules for the modulation of bacterial signalling pathways. Organic and Biomolecular Chemistry, 2015, 13, 925-937.	2.8	50
551	Peptide synthesis beyond DMF: THF and ACN as excellent and friendlier alternatives. Organic and Biomolecular Chemistry, 2015, 13, 2393-2398.	2.8	69
552	Direct oxidative esterification of alcohols and hydration of nitriles catalyzed by a reusable silver nanoparticle grafted onto mesoporous polymelamine formaldehyde (AgNPs@mPMF). Catalysis Science and Technology, 2015, 5, 1606-1622.	4.1	22

#	Article	IF	CITATIONS
553	Radical-Induced Metal and Solvent-Free Cross-Coupling Using TBAI–TBHP: Oxidative Amidation of Aldehydes and Alcohols with <i>N</i> -Chloramines via C–H Activation. Journal of Organic Chemistry, 2015, 80, 666-672.	3.2	78
554	Oxidative activation of dihydropyridine amides to reactive acyl donors. Organic and Biomolecular Chemistry, 2015, 13, 185-198.	2.8	12
555	Silver acetate-assisted formation of amides from acyl chlorides. Tetrahedron Letters, 2015, 56, 199-202.	1.4	11
556	Catalytic synthesis of amides via aldoximes rearrangement. Chemical Communications, 2015, 51, 2495-2505.	4.1	77
557	Iron/Caffeine as a Catalytic System for Microwaveâ€Promoted Benzamide Formation. European Journal of Organic Chemistry, 2015, 2015, 417-422.	2.4	21
558	Phosphine-free ruthenium-arene complex for low temperature one-pot catalytic conversion of aldehydes to primary amides in water. Inorganic Chemistry Frontiers, 2015, 2, 116-124.	6.0	28
559	PAT Application in the Expedited Development of a Three-Step, One-Stage Synthesis of the Dipeptide Intermediate of HCV Protease Inhibitor Faldaprevir. Organic Process Research and Development, 2015, 19, 132-138.	2.7	10
560	Supported cobalt oxide nanoparticles as efficient catalyst in esterification and amidation reactions. Catalysis Communications, 2015, 59, 122-126.	3.3	20
561	Green Chemistry Metrics. Springer Briefs in Molecular Science, 2015, , .	0.1	36
562	Selection, characterization and application of aptamers targeted to Aflatoxin B2. Food Control, 2015, 47, 545-551.	5.5	42
563	Visibleâ€Lightâ€Responsive Multielectron Redox Catalysis of Lacunary Polyoxometalates Induced by Substrate Coordination to Their Lacuna. Chemistry - an Asian Journal, 2015, 10, 144-148.	3.3	23
564	Copper-catalyzed amide bond formation from formamides and carboxylic acids. Chinese Chemical Letters, 2015, 26, 11-14.	9.0	27
565	Assembling semiconducting molecules by covalent attachment to a lamellar crystalline polymer substrate. Beilstein Journal of Nanotechnology, 2016, 7, 784-798.	2.8	4
566	Sterically Demanding Oxidative Amidation of αâ€6ubstituted Malononitriles with Amines Using O ₂ . Angewandte Chemie, 2016, 128, 9206-9210.	2.0	9
567	Sterically Demanding Oxidative Amidation of α‣ubstituted Malononitriles with Amines Using O ₂ . Angewandte Chemie - International Edition, 2016, 55, 9060-9064.	13.8	47
568	A series of novel β-hydroxyamide based catalysts for borane-mediated enantioselective reductions of prochiral ketones. Tetrahedron: Asymmetry, 2016, 27, 614-622.	1.8	6
569	Copper–Manganese Spinel Oxide Catalyzed Synthesis of Amides and Azobenzenes via Aminyl Radical Cations. ChemCatChem, 2016, 8, 703-707.	3.7	25
570	Chiral Nanoparticles/Lewis Acids as Cooperative Catalysts for Asymmetric 1,4â€Addition of Arylboronic Acids to α,βâ€Unsaturated Amides. Angewandte Chemie - International Edition, 2016, 55, 8058-8061.	13.8	50

#	Article	IF	CITATIONS
571	Copperâ€Catalyzed Reductive <i>N</i> â€Alkylation of Amides with <i>N</i> â€Tosylhydrazones Derived from Ketones. Chemistry - an Asian Journal, 2016, 11, 2030-2034.	3.3	17
572	Bioconjugation Methods for Coupling Targeting Ligands with Fluorescent Dyes. Methods in Molecular Biology, 2016, 1444, 15-25.	0.9	Ο
573	4-(Hexafluoro-2-hydroxy isopropyl)aniline functionalized highly sensitive flexible SWCNT sensor for detection of nerve agent simulant dimethyl methylphosphonate. Materials Chemistry and Physics, 2016, 181, 487-494.	4.0	30
574	Stable and Reusable Binaphthylâ€Supported Palladium Catalyst for Aminocarbonylation of Aryl Iodides. Advanced Synthesis and Catalysis, 2016, 358, 314-320.	4.3	36
575	Cobaltâ€Catalyzed Dehydrogenative Coupling of Alcohols/Aldehydes and Amines: An Important Role for Imine Hydration. Asian Journal of Organic Chemistry, 2016, 5, 568-574.	2.7	15
576	Arborescent Polypeptides for Sustained Drug Delivery. Materials Research Society Symposia Proceedings, 2016, 1819, 1.	0.1	4
577	Guanidine Acetic Acid Functionalized Magnetic Nanoparticles: Recoverable Green Catalyst for Transamidation. ChemistrySelect, 2016, 1, 6328-6333.	1.5	20
579	Theoretical Study on the Mechanism of Covalent Bonding of Dapsone onto Functionalised Carbon Nanotubes: Effects of Coupling Agent. Progress in Reaction Kinetics and Mechanism, 2016, 41, 345-355.	2.1	4
580	Discovery and Process Development of Class I PI3K and Class I PI3K/mTOR Inhibitors GDC-0941 and GDC-0980. ACS Symposium Series, 2016, , 237-270.	0.5	0
581	Efficient DNA–Polymer Coupling in Organic Solvents: A Survey of Amide Coupling, Thiol-Ene and Tetrazine–Norbornene Chemistries Applied to Conjugation of Poly(N-Isopropylacrylamide). Scientific Reports, 2016, 6, 39192.	3.3	24
582	Antiviral and Antibacterial Activities of <i>N</i> â€(4â€Substituted phenyl) Acetamide Derivatives Bearing 1,3,4â€Oxadiazole Moiety. Chinese Journal of Chemistry, 2016, 34, 1236-1244.	4.9	21
583	Metal-free hydration of ynamides: convenient approach to amides. Tetrahedron Letters, 2016, 57, 1873-1876.	1.4	20
584	Big Data from Pharmaceutical Patents: A Computational Analysis of Medicinal Chemists' Bread and Butter. Journal of Medicinal Chemistry, 2016, 59, 4385-4402.	6.4	292
585	One-pot synthesis of amides from carboxylic acids activated using thionyl chloride. RSC Advances, 2016, 6, 34468-34475.	3.6	64
586	Linker design for the modular assembly of multifunctional and targeted platinum(<scp>ii</scp>)-containing anticancer agents. Dalton Transactions, 2016, 45, 13104-13113.	3.3	8
587	3-Azaspiro[5,5]undecan-2,4-dioxo-3-yl diphenyl phosphate (ASUD-diphenyl phosphate), a new reagent for the synthesis of the N-protected amino acid-ASUD ester. Tetrahedron: Asymmetry, 2016, 27, 487-491.	1.8	2
588	Transamidation of carboxamides with amines over nanosized zeolite beta under solvent-free conditions. Catalysis Communications, 2016, 81, 29-32.	3.3	14
589	Transamidation catalysed by a magnetically separable Fe ₃ O ₄ nano catalyst under solvent-free conditions. RSC Advances, 2016, 6, 52724-52728.	3.6	19

#	Article	IF	CITATIONS
590	Chemoselective Schwartz Reagent Mediated Reduction of Isocyanates to Formamides. Organic Letters, 2016, 18, 2750-2753.	4.6	70
591	Highly efficient synthesis of primary amides <i>via</i> aldoximes rearrangement in water under air atmosphere catalyzed by an ionic ruthenium pincer complex. RSC Advances, 2016, 6, 37093-37098.	3.6	30
592	Radiosynthesis of Carbon-11 Labeled Puromycin as a Potential PET Candidate for Imaging Protein Synthesis <i>in Vivo</i> . ACS Medicinal Chemistry Letters, 2016, 7, 647-651.	2.8	4
593	Platinum nanowires catalyzed direct amidation with aldehydes and amines. Science China Chemistry, 2016, 59, 478-481.	8.2	7
594	Highly Ligand-Controlled Regioselective Pd-Catalyzed Aminocarbonylation of Styrenes with Aminophenols. Journal of the American Chemical Society, 2016, 138, 6629-6635.	13.7	137
595	The stability of the double amino acid with respect to deamination in gas and aqueous phases. Theoretical Chemistry Accounts, 2016, 135, 1.	1.4	7
596	Ligandâ€Free Copperâ€Manganese Spinel Oxideâ€Catalyzed Tandem Oneâ€Pot C–H Amidation and <i>N</i> â€Arylation of Benzylamines: A Facile Access to 2â€Arylquinazolinâ€4(3 <i>H</i>)â€ones. Advanced Synthesis and Catalysis, 2016, 358, 3027-3033.	4.3	28
597	Palladium-Catalyzed Intramolecular Hydroaminocarbonylation to Lactams: Additive-Free Protocol Initiated by Palladium Hydride. ACS Catalysis, 2016, 6, 6785-6789.	11.2	68
598	Palladium(II) Complex of 4-Pyridylselenolate Ligand: An Efficient Catalyst for Aminocarbonylation of Aryl and Hetero Aryl Iodides with Primary Amines. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2016, 86, 581-587.	1.2	4
599	One-Pot Amide Synthesis via Thermal Decomposition N-Acylureas under Microwave Irradiation. Key Engineering Materials, 2016, 685, 785-788.	0.4	1
600	Ynamides as Racemization-Free Coupling Reagents for Amide and Peptide Synthesis. Journal of the American Chemical Society, 2016, 138, 13135-13138.	13.7	196
601	9â€Silafluorenyl Dichlorides as Chemically Ligating Coupling Agents and Their Application in Peptide Synthesis. Angewandte Chemie - International Edition, 2016, 55, 13833-13837.	13.8	39
602	A new multicomponent reaction for direct synthesis of primary Î ³ -nitroamides. RSC Advances, 2016, 6, 98427-98433.	3.6	3
603	Nonclassical Routes for Amide Bond Formation. Chemical Reviews, 2016, 116, 12029-12122.	47.7	679
604	Synthesis of N-(Silylmethyl)amides of Carboxylic Acids and Related Compounds. , 2016, , 295-338.		1
605	Covalent Attachment of the Waterâ€insoluble Ni(P Cy 2 N Phe 2) 2 Electrocatalyst to Electrodes Showing Reversible Catalysis in Aqueous Solution. Electroanalysis, 2016, 28, 2452-2458.	2.9	12
606	Vapor-based coatings for antibacterial and osteogenic functionalization and the immunological compatibility. Materials Science and Engineering C, 2016, 69, 283-291.	7.3	8
607	Metal-catalyzed formal amidation of alkenes under CO-free condition. Tetrahedron Letters, 2016, 57, 4203-4206.	1.4	2

#	Article	IF	CITATIONS
608	Metal-free oxidative amidation of aldehydes with aminopyridines employing aqueous hydrogen peroxide. Organic and Biomolecular Chemistry, 2016, 14, 8228-8231.	2.8	36
609	Highly Sensitive and Selective Detection of Nanomolar Ferric Ions Using Dopamine Functionalized Graphene Quantum Dots. ACS Applied Materials & Interfaces, 2016, 8, 21002-21010.	8.0	168
610	TfOH catalyzed One-Pot Schmidt–Ritter reaction for the synthesis of amides through N-acylimides. Tetrahedron Letters, 2016, 57, 4424-4427.	1.4	18
611	Amine Activation: Synthesis of <i>N</i> -(Hetero)arylamides from Isothioureas and Carboxylic Acids. Organic Letters, 2016, 18, 4602-4605.	4.6	42
612	New Methods for the Site-Selective Placement of Peptides on a Microelectrode Array: Probing VEGF–v107 Binding as Proof of Concept. ACS Chemical Biology, 2016, 11, 2829-2837.	3.4	12
614	Copper(<scp>i</scp>)-catalysed oxidative C–N coupling of 2-aminopyridine with terminal alkynes featuring a Cî€,C bond cleavage promoted by visible light. Chemical Communications, 2016, 52, 11756-11759.	4.1	63
615	Mutations affecting the internal equilibrium of the reaction catalyzed by 6â€aminohexanoateâ€dimer hydrolase. FEBS Letters, 2016, 590, 3133-3143.	2.8	1
616	Metal–Organic Framework Based on Copper and Carboxylateâ€Imidazole as Robust and Effective Catalyst in the Oxidative Amidation of Carboxylic Acids and Formamides. European Journal of Organic Chemistry, 2016, 2016, 5180-5188.	2.4	28
617	Organometallic–Peptide Bioconjugates: Synthetic Strategies and Medicinal Applications. Chemical Reviews, 2016, 116, 11797-11839.	47.7	169
618	Evolution of Solvents in Organic Chemistry. ACS Sustainable Chemistry and Engineering, 2016, 4, 5838-5849.	6.7	199
619	Selective Hydration of Nitriles to Amides Over Titania Supported Palladium Exchanged Vanadium Incorporated Molybdophosphoric Acid Catalysts. Catalysis Letters, 2016, 146, 2025-2031.	2.6	9
620	MnO _x supported on a TiO ₂ @SBA-15 nanoreactor used as an efficient catalyst for one-pot synthesis of imine by oxidative coupling of benzyl alcohol and aniline under atmospheric air. RSC Advances, 2016, 6, 73906-73914.	3.6	17
621	Nickel atalyzed Reductive Amidation of Unactivated Alkyl Bromides. Angewandte Chemie, 2016, 128, 11373-11377.	2.0	15
622	Isocyanates and isothiocyanates as versatile platforms for accessing (thio)amide-type compounds. Organic and Biomolecular Chemistry, 2016, 14, 7848-7854.	2.8	55
623	Synthesis and cytotoxic activity of novel A-ring cleaved ursolic acid derivatives in human non-small cell lung cancer cells. European Journal of Medicinal Chemistry, 2016, 123, 317-331.	5.5	42
624	Nickel atalyzed Reductive Amidation of Unactivated Alkyl Bromides. Angewandte Chemie - International Edition, 2016, 55, 11207-11211.	13.8	67
625	Formation of amides, their intramolecular reactions for the synthesis of N-heterocycles, and preparation of a marketed drug, sildenafil: a comprehensive coverage. Chemical Communications, 2016, 52, 10245-10248.	4.1	58
626	Multigram Scale Synthesis of A21, A New Antibiotic Equally Effective and Less Toxic than Amphotericin B. Organic Process Research and Development, 2016, 20, 1529-1532.	2.7	7

#	Article	IF	CITATIONS
627	Copper-Catalyzed Aerobic Oxidative Amidation of Benzyl Alcohols. Journal of Organic Chemistry, 2016, 81, 10688-10697.	3.2	25
628	On-Demand Complex Peptide Synthesis: An Aspirational (and Elusive?) Goal for Peptide Synthesis. Journal of the American Chemical Society, 2016, 138, 14160-14169.	13.7	33
629	9‣ilafluorenyl Dichlorides as Chemically Ligating Coupling Agents and Their Application in Peptide Synthesis. Angewandte Chemie, 2016, 128, 14037-14041.	2.0	8
630	Atom-economic catalytic amide synthesis from amines and carboxylic acids activated in situ with acetylenes. Nature Communications, 2016, 7, 11732.	12.8	82
631	Direct amide synthesis over core–shell TiO ₂ @NiFe ₂ O ₄ catalysts in a continuous flow radiofrequency-heated reactor. RSC Advances, 2016, 6, 100997-101007.	3.6	23
632	A rapid and clean synthetic approach to cyclic peptides via micro-flow peptide chain elongation and photochemical cyclization: synthesis of a cyclic RGD peptide. Organic and Biomolecular Chemistry, 2016, 14, 11244-11249.	2.8	25
633	Green synthesis of primary, secondary, and tertiary amides through oxidative amidation of methyl groups with amine hydrochlorides over recyclable CoFe ₂ O ₄ NPs. RSC Advances, 2016, 6, 106873-106879.	3.6	7
634	Copper(ii) incorporated functionalized polystyrene catalyzed N-arylation of amides under solvent free condition with broad substrate scope. RSC Advances, 2016, 6, 109692-109701.	3.6	11
635	Aminofluorene-Mediated Biomimetic Domino Amination–Oxygenation of Aldehydes to Amides. Organic Letters, 2016, 18, 5788-5791.	4.6	21
636	Flexible synthesis of cationic peptide–porphyrin derivatives for light-triggered drug delivery and photodynamic therapy. Organic and Biomolecular Chemistry, 2016, 14, 11488-11501.	2.8	29
637	Toward solid-phase peptide fragment ligation by a traceless-Ugi multicomponent reaction approach. Organic and Biomolecular Chemistry, 2016, 14, 11230-11237.	2.8	9
638	Ru-catalyzed direct amidation of carboxylic acids with N-substituted formamides. Tetrahedron, 2016, 72, 8210-8214.	1.9	17
639	Amidation via ligand-free direct oxidative C(sp3)-H/NH coupling with Cu-CPO-27 metal-organic framework as a recyclable heterogeneous catalyst. Tetrahedron, 2016, 72, 8241-8251.	1.9	10
640	An efficient, eco-friendly and sustainable tandem oxidative amidation of alcohols with amines catalyzed by heteropolyanion-based ionic liquids via a bifunctional catalysis process. Tetrahedron, 2016, 72, 8319-8326.	1.9	17
641	Recent Developments in Amide Synthesis Using Nonactivated Starting Materials. Journal of Organic Chemistry, 2016, 81, 11548-11555.	3.2	187
642	Amide and Peptide Bond Formation: Interplay between Strained Ring Defects and Silanol Groups at Amorphous Silica Surfaces. Journal of Physical Chemistry C, 2016, 120, 24817-24826.	3.1	30
643	In situ generated Pd(0) nanoparticles stabilized by bis(aryl)acenaphthenequinone diimines as catalysts for aminocarbonylation reactions in water. Journal of Molecular Catalysis A, 2016, 425, 322-331.	4.8	9
644	Condensation of Carboxylic Acids with Non-Nucleophilic <i>N</i> -Heterocycles and Anilides Using Boc ₂ O. Journal of Organic Chemistry, 2016, 81, 11444-11453.	3.2	19

#	Article	IF	CITATIONS	
645	Rhodium-Catalyzed Oxidative Amidation of Sterically Hindered Aldehydes and Alcohols. ACS Catalysis, 2016, 6, 8214-8218.	11.2	34	
646	Nickelâ€Catalyzed Nâ€Arylation of Primary Amides and Lactams with Activated (Hetero)aryl Electrophiles. Chemistry - A European Journal, 2016, 22, 18752-18755.	3.3	51	
647	Dioxygen-Promoted Pd-Catalyzed Aminocarbonylation of Organoboronic Acids with Amines and CO: A Direct Approach to Tertiary Amides. Organic Letters, 2016, 18, 5852-5855.	4.6	43	
648	Synthesis of Amides and Phthalimides via a Palladium Catalyzed Aminocarbonylation of Aryl Halides with Formic Acid and Carbodiimides. Chemistry - an Asian Journal, 2016, 11, 3508-3512.	3.3	21	
649	Quest for the chemical synthesis of proteins. Journal of Peptide Science, 2016, 22, 246-251.	1.4	9	
650	Mechanism of Oxidative Amidation of Nitroalkanes with Oxygen and Amine Nucleophiles by Using Electrophilic Iodine. Chemistry - A European Journal, 2016, 22, 5538-5542.	3.3	19	
651	Nickelâ€Catalyzed Reductive Addition of Aryl/Benzyl Halides and Pseudohalides to Carbodiimides for the Synthesis of Amides. European Journal of Organic Chemistry, 2016, 2016, 780-788.	2.4	10	
652	Bioâ€Based Amides from Renewable Isosorbide by a Direct and Atomâ€Economic Boric Acid Amidation Methodology. European Journal of Organic Chemistry, 2016, 2016, 2308-2318.	2.4	17	
653	Oxyma-T, expanding the arsenal of coupling reagents. Tetrahedron Letters, 2016, 57, 3523-3525.	1.4	5	
654	BODIPY catalyzed amide synthesis promoted by BHT and air under visible light. Organic and Biomolecular Chemistry, 2016, 14, 7028-7037.	2.8	57	
655	One-Pot Amide Bond Formation from Aldehydes and Amines via a Photoorganocatalytic Activation of Aldehydes. Journal of Organic Chemistry, 2016, 81, 7023-7028.	3.2	87	
656	Atom-economic dehydrogenative amide synthesis <i>via</i> ruthenium catalysis. RSC Advances, 2016, 6, 55599-55607.	3.6	50	
657	Catalytic Water Oxidation by Ruthenium Complexes Containing Negatively Charged Ligand Frameworks. Chemical Record, 2016, 16, 940-963.	5.8	14	
658	AIBN-promoted amidation of anilines with 1, 3-diketones via oxidative cleavage of C–C bond under aerobic conditions. Tetrahedron, 2016, 72, 4889-4894.	1.9	24	
659	Convergent Synthesis of Novel Muramyl Dipeptide Analogues: Inhibition of <i>Porphyromonas gingivalis</i> -Induced Pro-inflammatory Effects by High Doses of Muramyl Dipeptide. Journal of Medicinal Chemistry, 2016, 59, 6878-6890.	6.4	18	
660	Chiral Nanoparticles/Lewis Acids as Cooperative Catalysts for Asymmetric 1,4â€Addition of Arylboronic Acids to α,βâ€Unsaturated Amides. Angewandte Chemie, 2016, 128, 8190-8193.	2.0	41	
661	Pd/C-Catalyzed Aminocarbonylation of Aryl Iodides via Oxidative C–N Bond Activation of Tertiary Amines to Tertiary Amides. Journal of Organic Chemistry, 2016, 81, 1223-1228.	3.2	71	
662	Large-Scale Applications of Amide Coupling Reagents for the Synthesis of Pharmaceuticals. Organic Process Research and Development, 2016, 20, 140-177.	2.7	546	
		CITATION REPORT		
-----	--	-----------------------------------	------	-----------
#	ARTICLE		IF	CITATIONS
663	Peroxide-mediated direct synthesis of amides from aroyl surrogates. Tetrahedron, 2016	, 72, 436-441.	1.9	13
664	A linear fluorescence-quenching response in an amidine-functionalised solid-state senso gas-phase and aqueous CO ₂ detection. Dalton Transactions, 2016, 45, 68	r for 24-6829.	3.3	8
665	<i>N</i> -Heterocyclic Carbene-Mediated Microfluidic Oxidative Electrosynthesis of Ami Aldehydes. Organic Letters, 2016, 18, 1198-1201.	les from	4.6	76
666	Selective N-acetylation of aromatic amines using acetonitrile as acylating agent. Tetrahe 2016, 57, 1158-1160.	edron Letters,	1.4	27
667	Ultrasound-assisted direct oxidative amidation of benzyl alcohols catalyzed by graphite Ultrasonics Sonochemistry, 2016, 32, 37-43.	oxide.	8.2	28
668	Surface functionalization of oxidized multi-walled carbon nanotubes: Candida rugosa lip immobilization. Comptes Rendus Chimie, 2016, 19, 363-370.	base	0.5	34
669	Potassium Thioacids Mediated Selective Amide and Peptide Constructions Enabled by V Photoredox Catalysis. ACS Catalysis, 2016, 6, 1732-1736.	ïsible Light	11.2	60
670	Visible-Light-Mediated Synthesis of Amides from Aldehydes and Amines via in Situ Acid Formation. Journal of Organic Chemistry, 2016, 81, 1905-1911.	Chloride	3.2	55
671	Palladium-catalyzed N-arylsulfonamide formation from arylsulfonyl hydrazides and nitro Advances, 2016, 6, 13010-13013.	arenes. RSC	3.6	25
672	Palladium nanoparticles immobilized on an amine-functionalized MIL-101(Cr) as a highly for oxidative amination of aldehydes. RSC Advances, 2016, 6, 14937-14947.	v active catalyst	3.6	25
673	Transamidation of primary carboxamides, phthalimide, urea and thiourea with amines us Fe(OH) ₃ @Fe ₃ O ₄ magnetic nanoparticles as an catalyst. RSC Advances, 2016, 6, 24684-24689.	sing efficient recyclable	3.6	27
674	Copper-catalyzed and iodide-promoted aerobic C–C bond cleavage/C–N bond form synthesis of amides. RSC Advances, 2016, 6, 24349-24352.	ation toward the	3.6	26
675	Targeting of the epidermal growth factor receptor with mesoporphyrin IX-peptide conju of Porphyrins and Phthalocyanines, 2016, 20, 352-366.	gates. Journal	0.8	18
676	A facile, one-pot procedure for the conversion of aromatic aldehydes to esters, as well a and amides, via acyl hydrazide intermediates. RSC Advances, 2016, 6, 3372-3376.	s thioesters	3.6	19
677	Direct oxidative amidation of aldehydes with amines catalyzed by heteropolyanion-base under solvent-free conditions via a dual-catalysis process. Organic and Biomolecular Che 14, 1784-1793.	d ionic liquids emistry, 2016,	2.8	26
678	Facile solvolysis of a surprisingly twisted tertiary amide. New Journal of Chemistry, 2016	, 40, 1974-1981.	2.8	3
679	Palladium-catalyzed hydroaminocarbonylation of alkenes with amines promoted by wea Tetrahedron Letters, 2016, 57, 383-386.	k acid.	1.4	21
680	Synthesis of 2-(3-chromonyl)-2-acyloxycarboxamides via multicomponent reactions of is Journal of the Iranian Chemical Society, 2016, 13, 583-590.	socyanides.	2.2	4

#	Article	IF	CITATIONS
681	A protocol for amide bond formation with electron deficient amines and sterically hindered substrates. Organic and Biomolecular Chemistry, 2016, 14, 430-433.	2.8	72
682	Rhodium-catalyzed oxidative amidation of allylic alcohols and aldehydes: effective conversion of amines and anilines into amides. Chemical Science, 2016, 7, 969-975.	7.4	47
683	Electrode instead of catalyst and enzyme. A greener protocol for the synthesis of new 2-hydroxyacetamide derivatives containing a l³-lactone ring. Green Chemistry, 2016, 18, 672-675.	9.0	10
684	A flexible approach to Pd-catalyzed carbonylations via aroyl dimethylaminopyridinium salts. Chemical Science, 2016, 7, 295-300.	7.4	33
685	A convenient one-pot synthesis of novel tetraamides via 2-cyclopentylidenemalonic acid based Ugi-four component reaction. Journal of Saudi Chemical Society, 2017, 21, 300-305.	5.2	10
686	Ruthenium(II) complexes encompassing 2-oxo-1,2-dihydroquinoline-3-carbaldehyde thiosemicarbazone hybrid ligand: A new versatile potential catalyst for dehydrogenative amide synthesis. Inorganica Chimica Acta, 2017, 454, 46-53.	2.4	24
687	Synthesis and characterization of novel benzothiazole amide derivatives and screening as possible antimitotic and antimicrobial agents. Research on Chemical Intermediates, 2017, 43, 361-378.	2.7	17
688	Evaluation of [18 F]-ATRi as PET tracer for in vivo imaging of ATR in mouse models of brain cancer. Nuclear Medicine and Biology, 2017, 48, 9-15.	0.6	4
689	Synthesis of aryl acetamides by aminocarbonylation of benzylic chlorides using carbamoylsilane as an amide source. Synthetic Communications, 2017, 47, 704-709.	2.1	4
690	Atom economical synthesis of N-alkylbenzamides via the iron(<scp>iii</scp>) sulfate catalyzed rearrangement of 2-alkyl-3-aryloxaziridines in water and in the presence of a surfactant. Green Chemistry, 2017, 19, 1263-1267.	9.0	25
691	Construction of Tertiary Amides: Ni ^{II} â€Catalyzed <i>N</i> â€Arylation of Secondary Acyclic Amides (2â€Picolinamides) with Aryl Halides. Asian Journal of Organic Chemistry, 2017, 6, 269-273.	2.7	7
692	Montmorilloniteâ€K10 atalyzed Microwaveâ€Assisted Direct Amidation of Unactivated Carboxylic Acids with Amines: Maintaining Chiral Integrity of Substrates. Asian Journal of Organic Chemistry, 2017, 6, 342-346.	2.7	8
693	Benzotriazoles Reactivate Latent HIV-1 through Inactivation of STAT5 SUMOylation. Cell Reports, 2017, 18, 1324-1334.	6.4	69
694	An Efficient Heterobimetallic Lanthanide Alkoxide Catalyst for Transamidation of Amides under Solventâ€Free Conditions. Advanced Synthesis and Catalysis, 2017, 359, 302-313.	4.3	30
695	Chemoselective generation of acyl phosphates, acylium ion equivalents, from carboxylic acids and an organophosphate ester in the presence of a BrÅ,nsted acid. Chemical Communications, 2017, 53, 1482-1485.	4.1	8
696	A Cross-Coupling Approach to Amide Bond Formation from Esters. ACS Catalysis, 2017, 7, 2176-2180.	11.2	124
697	Acidicâ€Aminoâ€Acid onjugated Dinucleosides as Ribonuclease A Inhibitors: Rational Design and Effect of Backbone Chirality on Enzyme Inhibition. ChemistrySelect, 2017, 2, 2106-2113.	1.5	4
698	Solvent-, and Catalyst-free Acylation of Anilines with Meldrum's Acids: ANeat Access to Anilides. ChemistrySelect, 2017, 2, 1770-1773.	1.5	10

#	Article	IF	CITATIONS
699	Transformation of aldehydes or alcohols to amides at room temperature under aqueous conditions. Chinese Chemical Letters, 2017, 28, 1597-1599.	9.0	26
700	A highâ€efficient method for the amidation of carboxylic acids promoted by triphenylphosphine oxide and oxalyl chloride. Heteroatom Chemistry, 2017, 28, .	0.7	16
701	Visible Lightâ€Mediated Copper(I)â€Catalysed Aerobic Oxidation of Ynamides/Ynamines at Room Temperature: A Sustainable Approach to the Synthesis of αâ€Ketoimides/αâ€Ketoamides. Advanced Synthesis and Catalysis, 2017, 359, 1138-1143.	4.3	47
702	Hexagonal Mesoporous Silicaâ€&upported Copper Oxide (CuO/HMS) Catalyst: Synthesis of Primary Amides from Aldehydes in Aqueous Medium. ChemPlusChem, 2017, 82, 467-473.	2.8	18
703	An efficient and mild oxidative amidation of aldehydes using B(C ₆ F ₅) ₃ as a catalyst and biological evaluation of the products as potential antimicrobial agents. New Journal of Chemistry, 2017, 41, 2328-2332.	2.8	10
704	Efficient Bimetallic Catalysis of Nitrile Hydration to Amides with a Simple Pd(OAc) ₂ /Lewis Acid Catalyst at Ambient Temperature. European Journal of Organic Chemistry, 2017, 2017, 1870-1875.	2.4	41
705	Chemoselective N-acetylation of primary aliphatic amines promoted by pivalic or acetic acid using ethyl acetate as an acetyl donor. Tetrahedron Letters, 2017, 58, 1181-1184.	1.4	7
706	Palladium-Catalyzed Direct Intermolecular Amination of Unactivated Methylene C(sp ³)–H Bonds with Azodiformates via Bidentate-Chelation Assistance. ACS Catalysis, 2017, 7, 2042-2046.	11.2	46
707	Ligand- and Additive-Controlled Pd-Catalyzed Aminocarbonylation of Alkynes with Aminophenols: Highly Chemo- and Regioselective Synthesis of α,β-Unsaturated Amides. ACS Catalysis, 2017, 7, 2220-2229.	11.2	64
708	Lewis acidity quantification and catalytic activity of Ti, Zr and Al-supported mesoporous silica. Dalton Transactions, 2017, 46, 3864-3876.	3.3	38
709	One-Pot Synthesis of α-Branched <i>N</i> -Acylamines via Titanium-Mediated Condensation of Amides, Aldehydes, and Organometallics. Organic Letters, 2017, 19, 1064-1067.	4.6	5
710	Palladium-Catalyzed Oxidative Carbonylation of Aryl Hydrazines with CO and O ₂ at Atmospheric Pressure. Journal of Organic Chemistry, 2017, 82, 4970-4976.	3.2	31
711	Selective construction of quaternary stereocentres in radical cyclisation cascades triggered by electron-transfer reduction of amide-type carbonyls. Organic and Biomolecular Chemistry, 2017, 15, 4159-4164.	2.8	11
712	Catalytic Amidation of 5â€Hydroxymethylfurfural to 2,5â€Furandicarboxamide over Alkali Manganese Oxides. Chinese Journal of Chemistry, 2017, 35, 984-990.	4.9	14
713	New Avenue for Appendage of Graphene Quantum Dots on Halloysite Nanotubes as Anode Materials for High Performance Supercapacitors. ACS Sustainable Chemistry and Engineering, 2017, 5, 4930-4940.	6.7	95
714	New bis(phosphine-amide) ligands: Oxidation, coordination and supramolecular chemistry. Polyhedron, 2017, 131, 46-51.	2.2	4
715	Probing the Influence of Phosphine Substituents on the Donor andÂCatalytic Properties of Phosphinoferrocene Carboxamides: AÂCombined Experimental and Theoretical Study. Organometallics, 2017, 36, 1828-1841.	2.3	13
716	Iodine atalyzed Formation of Amide Bond: Efficient Strategy for the Synthesis of Aromatic Primary Amides. Asian Journal of Organic Chemistry, 2017, 6, 157-160.	2.7	9

#	Article	IF	CITATIONS
717	The design, synthesis, and anti-inflammatory evaluation of a drug-like library based on the natural product valerenic acid. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3185-3189.	2.2	10
718	Cp*Rh ^{III} atalyzed Directed Amidation of Aldehydes with Anthranils. European Journal of Organic Chemistry, 2017, 2017, 3699-3706.	2.4	35
719	Palladium atalyzed Carbonylative Synthesis of Amides from Aryltriazenes under Additiveâ€Free Conditions. European Journal of Organic Chemistry, 2017, 2017, 3992-3995.	2.4	21
720	Efficient conversion of N ⁶ -threonylcarbamoyladenosine (t ⁶ A) into a tRNA native hydantoin cyclic form (ct ⁶ A) performed at nucleoside and oligoribonucleotide levels. Chemical Communications, 2017, 53, 7945-7948.	4.1	7
721	Nano assembly of N-doped graphene quantum dots anchored Fe3O4/halloysite nanotubes for high performance supercapacitor. Electrochimica Acta, 2017, 245, 912-923.	5.2	111
722	Synthesis of N-acetoxy-N-arylamides via diacetoxyiodobenzene promoted double acylation reaction of hydroxylamines with aldehydes. Organic and Biomolecular Chemistry, 2017, 15, 5337-5344.	2.8	4
723	Carbonylative Tertiary Amide Synthesis from Aryl lodides and Tertiary Amines <i>via</i> Oxidantâ€Free Câ''N Bond Cleavage Catalyzed by Palladium(II) Chloride in Polyethylene Glycol/Water. Advanced Synthesis and Catalysis, 2017, 359, 2621-2629.	4.3	45
724	Direct N-acylation of sulfoximines with carboxylic acids catalyzed by the B ₃ NO ₂ heterocycle. Chemical Communications, 2017, 53, 7447-7450.	4.1	20
725	Reaction of azides and enolisable aldehydes under the catalysis of organic bases and Cinchona based quaternary ammonium salts. Organic and Biomolecular Chemistry, 2017, 15, 5227-5235.	2.8	13
726	Amine Activation: <i>N</i> â€Arylamino Acid Amide Synthesis from Isothioureas and Amino Acids. Advanced Synthesis and Catalysis, 2017, 359, 2481-2498.	4.3	15
727	Sulfur–Fluoride Exchange (SuFEx)â€Mediated Synthesis of Sterically Hindered and Electronâ€Deficient Secondary and Tertiary Amides via Acyl Fluoride Intermediates. Chemistry - A European Journal, 2017, 23, 9990-9995.	3.3	37
728	Metalâ€Free Synthesis of <i>N</i> â€Aryl Amides using Organocatalytic Ringâ€Opening Aminolysis of Lactones. ChemSusChem, 2017, 10, 1969-1975.	6.8	23
729	Vectorisation of agrochemicals via amino acid carriers: influence of the spacer arm structure on the phloem mobility of phenylpyrrole conjugates in the <i>Ricinus</i> system. Pest Management Science, 2017, 73, 1972-1982.	3.4	16
730	An Unconventional Reaction of 2,2â€Diazido Acylacetates with Amines. European Journal of Organic Chemistry, 2017, 2017, 1526-1539.	2.4	21
731	Direct amidation of esters with nitroarenes. Nature Communications, 2017, 8, 14878.	12.8	122
732	Synthesis of biaryls using palladium nanoparticles immobilized on peptide nanofibers as catalyst and hydroxybenzotriazole as novel phenylating reagent. Chinese Journal of Catalysis, 2017, 38, 469-474.	14.0	8
733	Amidation of unactivated ester derivatives mediated by trifluoroethanol. Organic and Biomolecular Chemistry, 2017, 15, 3507-3518.	2.8	31
734	Hemilabilityâ€Driven Water Activation: A Ni ^{II} Catalyst for Baseâ€Free Hydration of Nitriles to Amides. Chemistry - A European Journal, 2017, 23, 7761-7771.	3.3	44

#	Article	IF	CITATIONS
735	Cu-catalyzed aerobic oxidative C–CN bond cleavage of benzyl cyanide for the synthesis of primary amides. RSC Advances, 2017, 7, 18588-18591.	3.6	6
736	Sequential Oneâ€Pot Synthesis of Dipeptides through the Transient Formation of CDIâ€ <i>N</i> â€Protected αâ€Aminoesters. Advanced Synthesis and Catalysis, 2017, 359, 1963-1968.	4.3	13
737	Cleavage of 1,3-dicarbonyls through oxidative amidation. Organic and Biomolecular Chemistry, 2017, 15, 3184-3187.	2.8	27
738	Copperâ€Catalyzed Carbonylative Crossâ€Coupling of Arylboronic Acids with <i>N</i> â€Chloroamines for the Synthesis of Aryl Amides. European Journal of Organic Chemistry, 2017, 2017, 1769-1772.	2.4	22
739	Palladium-catalyzed highly regioselective hydroaminocarbonylation of aromatic alkenes to branched amides. Organic and Biomolecular Chemistry, 2017, 15, 2910-2913.	2.8	25
740	Peptidomimetics II. Topics in Heterocyclic Chemistry, 2017, , .	0.2	3
741	Synthesis of antimicrobial glucosamides as bacterial quorum sensing mechanism inhibitors. Bioorganic and Medicinal Chemistry, 2017, 25, 1183-1194.	3.0	14
742	Facile cellulose nanofibrils amidation using a â€~one-pot' approach. Cellulose, 2017, 24, 717-730.	4.9	22
743	Hypervalent iodine (III)-mediated oxidation of aryl sulfonylhydrazones: A facile synthesis of N-aroyl-N′-acyl arylsulfonylhydrazides. Tetrahedron Letters, 2017, 58, 570-573.	1.4	2
744	Facile synthesis of N-acyl 2-aminobenzothiazoles by NHC-catalyzed direct oxidative amidation of aldehydes. Chemical Communications, 2017, 53, 1478-1481.	4.1	31
745	Development of a concise, scalable synthesis of a CCR1 antagonist utilizing a continuous flow Curtius rearrangement. Green Chemistry, 2017, 19, 1454-1461.	9.0	32
746	Dearomatizing Radical Cyclizations and Cyclization Cascades Triggered by Electron-Transfer Reduction of Amide-Type Carbonyls. Journal of the American Chemical Society, 2017, 139, 1661-1667.	13.7	58
747	Half-sandwich ruthenium complexes with oxygen–nitrogen mixed ligands as efficient catalysts for nitrile hydration reaction. Polyhedron, 2017, 138, 1-6.	2.2	18
748	Lewis Acid Enabled Copper-Catalyzed Asymmetric Synthesis of Chiral β-Substituted Amides. Journal of the American Chemical Society, 2017, 139, 14224-14231.	13.7	66
749	Diphenylsilane as a coupling reagent for amide bond formation. Green Chemistry, 2017, 19, 5060-5064.	9.0	50
750	Direct Synthesis of Amides by Dehydrogenative Coupling of Amines with either Alcohols or Esters: Manganese Pincer Complex as Catalyst. Angewandte Chemie, 2017, 129, 15188-15192.	2.0	39
751	Direct Synthesis of Amides by Dehydrogenative Coupling of Amines with either Alcohols or Esters: Manganese Pincer Complex as Catalyst. Angewandte Chemie - International Edition, 2017, 56, 14992-14996.	13.8	141
752	Cobalt-Catalyzed Cross-Coupling of α-Bromo Amides with Grignard Reagents. Organic Letters, 2017, 19, 6068-6071.	4.6	27

#	Article	IF	CITATIONS
753	Structural features of the TatC membrane protein that determine docking and insertion of a twin-arginine signal peptide. Journal of Biological Chemistry, 2017, 292, 21320-21329.	3.4	8
754	Formation of amides: one-pot condensation of carboxylic acids and amines mediated by TiCl4. Chemistry Central Journal, 2017, 11, 87.	2.6	35
755	Direct Synthesis of Acyl Fluorides from Carboxylic Acids with the Bench-Stable Solid Reagent (Me ₄ N)SCF ₃ . Organic Letters, 2017, 19, 5740-5743.	4.6	83
756	Synthesis of Secondary Aromatic Amides via Pd-Catalyzed Aminocarbonylation of Aryl Halides Using Carbamoylsilane as an Amide Source. Journal of Organic Chemistry, 2017, 82, 11603-11608.	3.2	15
757	Experimental and mechanistic insights into copper(<scp>ii</scp>)–dioxygen catalyzed oxidative N-dealkylation of N-(2-pyridylmethyl)phenylamine and its derivatives. Organic and Biomolecular Chemistry, 2017, 15, 9164-9168.	2.8	11
758	Substrate-Controlled Chemoselective Reactions of Isocyanoacetates with Amides and Lactams. Journal of Organic Chemistry, 2017, 82, 9693-9703.	3.2	25
759	Bis(benzofuran–thiazolidinone)s and bis(benzofuran–thiazinanone)s as inhibiting agents for chikungunya virus. Antiviral Research, 2017, 146, 96-101.	4.1	19
760	Structure–Activity Relationships of Potent, Targeted Covalent Inhibitors That Abolish Both the Transamidation and CTP Binding Activities of Human Tissue Transglutaminase. Journal of Medicinal Chemistry, 2017, 60, 7910-7927.	6.4	41
761	A selective hydration of nitriles catalysed by a Pd(OAc)2-based system in water. Tetrahedron Letters, 2017, 58, 4090-4093.	1.4	25
762	Radical Heterocyclization and Heterocyclization Cascades Triggered by Electron Transfer to Amideâ€Type Carbonyl Compounds. Angewandte Chemie - International Edition, 2017, 56, 14262-14266.	13.8	26
763	Lightâ€Driven Vitamin B ₁₂ â€Catalysed Generation of Acyl Radicals from 2â€ <i>S</i> â€Pyridyl Thioesters. Advanced Synthesis and Catalysis, 2017, 359, 3560-3565.	4.3	69
764	Trinuclear complexes of palladium(<scp>ii</scp>) with chalcogenated N-heterocyclic carbenes: catalysis of selective nitrile–primary amide interconversion and Sonogashira coupling. Dalton Transactions, 2017, 46, 13065-13076.	3.3	31
765	Tertiary amine synthesis via reductive coupling of amides with Grignard reagents. Chemical Science, 2017, 8, 7492-7497.	7.4	104
766	Pd–PEPPSI: a general Pd–NHC precatalyst for Buchwald–Hartwig cross-coupling of esters and amides (transamidation) under the same reaction conditions. Chemical Communications, 2017, 53, 10584-10587.	4.1	153
767	Borate esters: Simple catalysts for the sustainable synthesis of complex amides. Science Advances, 2017, 3, e1701028.	10.3	139
768	An affinity-based probe for methyltransferase enzymes based on sinefungin. Canadian Journal of Chemistry, 2017, 95, 1059-1063.	1.1	2
769	Efficient Approach to Amide Bond Formation with Nitriles and Peroxides: Oneâ€Pot Access to Boronated βâ€Ketoamides. Advanced Synthesis and Catalysis, 2017, 359, 3014-3021.	4.3	12
770	Ru-Ferrite-Decorated Graphene (RuFG): A Sustainable and Efficient Catalyst for Conversion of Aromatic Aldehydes and Nitriles to Primary Amides in Aqueous Medium. ACS Sustainable Chemistry and Engineering, 2017, 5, 7604-7612.	6.7	17

#	Article	IF	CITATIONS
771	Poly(amidoamine) dendrimers grafted on electrospun poly(acrylic acid)/poly(vinyl alcohol) membranes for host–guest encapsulation of antioxidant thymol. Journal of Materials Chemistry B, 2017, 5, 6776-6785.	5.8	17
772	Oxidative Amidation of Methylarenes and Heteroamines under Metalâ€Free Conditions. ChemistrySelect, 2017, 2, 5887-5890.	1.5	17
773	An efficient catalyst-free one-pot synthesis of primary amides from the aldehydes of the Baylis–Hillman reaction. New Journal of Chemistry, 2017, 41, 9203-9209.	2.8	10
774	Poly(methylhydrosiloxane) as a green reducing agent in organophosphorus-catalysed amide bond formation. Organic and Biomolecular Chemistry, 2017, 15, 6426-6432.	2.8	26
775	Synthesis of antimalarial amide analogues based on the plant serrulatane diterpenoid 3,7,8-trihydroxyserrulat-14-en-19-oic acid. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4091-4095.	2.2	14
776	Nano lipid-drug conjugate: An integrated review. International Journal of Pharmaceutics, 2017, 529, 629-641.	5.2	58
777	Uncatalyzed peptide bond formation between two double amino acid molecules in the gas phase. International Journal of Quantum Chemistry, 2017, 117, e25435.	2.0	6
778	Approach to Comparing the Functional Group Tolerance of Reactions. Journal of Organic Chemistry, 2017, 82, 9154-9159.	3.2	93
779	Derivatization enhanced separation and sensitivity of long chain-free fatty acids: Application to asthma using targeted and non-targeted liquid chromatography-mass spectrometry approach. Analytica Chimica Acta, 2017, 989, 59-70.	5.4	52
780	A Multicomponent Route to Functionalized Amides and Oxazolidinones. Organic Letters, 2017, 19, 6736-6739.	4.6	7
781	Heterogeneous Route for the One-Pot Synthesis of N-Arylamides from Aldoximes and Aryl Halides Using the CuO/Carbon Material. ACS Omega, 2017, 2, 8600-8609.	3.5	5
782	Dendrimer-functionalized electrospun nanofibres as dual-action water treatment membranes. Science of the Total Environment, 2017, 601-602, 732-740.	8.0	26
785	Unmasking Amides: Ruthenium-Catalyzed Protodecarbonylation of N-Substituted Phthalimide Derivatives. Organic Letters, 2017, 19, 6404-6407.	4.6	46
786	1,3-Dibromo-5,5-dimethylhydantoin mediated oxidative amidation of terminal alkenes in water. Organic and Biomolecular Chemistry, 2017, 15, 9889-9894.	2.8	10
787	Oxidative amidation of benzaldehydes and benzylamines with <i>N</i> -substituted formamides over a Co/Al hydrotalcite-derived catalyst. New Journal of Chemistry, 2017, 41, 15268-15276.	2.8	18
788	Ironâ€Nitrateâ€Catalyzed Oxidative Esterification of Aldehydes and Alcohols with <i>N</i> â€Hydroxyphthalimide: Efficient Synthesis of <i>N</i> â€Hydroxyimide Esters. European Journal of Organic Chemistry, 2017, 2017, 7160-7166.	2.4	20
789	Coordination and catalytic chemistry of phosphinoferrocene carboxamides. Coordination Chemistry Reviews, 2017, 353, 223-246.	18.8	28
790	Synthesis of the first double-functionalized dinucleotide mRNA cap analogue for its specific labeling. Tetrahedron Letters, 2017, 58, 3037-3040.	1.4	4

ARTICLE IF CITATIONS Hypervalent lodine-Mediated Oxidative Rearrangement of Nâ€"H Ketimines: An Umpolung Approach to 791 3.2 18 Amides. Journal of Organic Chemistry, 2017, 82, 11848-11853. A straight forward and first total synthesis of Penilumamides B–D. Tetrahedron Letters, 2017, 58, 792 1.4 <u>33</u>47-3349. A computational study on the mechanism of ynamide-mediated amide bond formation from carboxylic 793 2.8 18 acids and amines. Organic and Biomolecular Chemistry, 2017, 15, 6367-6374. Copper-catalyzed amidation of benzoic acids using tetraalkylthiuram disulfides as amine sources. 794 Synthetic Communications, 2017, 47, 1434-1440. Adamantyl Antiestrogens with Novel Side Chains Reveal a Spectrum of Activities in Suppressing Estrogen Receptor Mediated Activities in Breast Cancer Cells. Journal of Medicinal Chemistry, 2017, 60, 795 6.4 27 6321-6336. Vanadium-Catalyzed Oxidative C(CO)–C(CO) Bond Cleavage for C–N Bond Formation: One-Pot Domino 796 Transformation of 1,2-Diketones and Amidines into Imides and Amides. Journal of Organic Chemistry, 3.2 2017, 82, 7332-7345. 797 Nitrogenation Strategy for the Synthesis of Amides., 2017, , 29-61. 0 Mild and efficient Pd(P<sup><i>t</i>>/i>u>Su₃)₂â€catalyzed aminocarbonylation of aryl halides to aryl amides with high selectivity. Applied Organometallic 798 3.5 Chemistry, 2017, 31, e3637. Chitosan supported Zn(II) mixed ligand complexes as heterogeneous catalysts for one-pot synthesis of 799 3.6 25 amides from ketones via Beckmann rearrangement. Journal of Molecular Structure, 2017, 1130, 368-373. Cyclization of Linear Tetrapeptides Containing <i>N</i>â€Methylated Amino Acids by using 2.4 1â€Propanephosphonic Acid Anhydride. European Journal of Organic Chemistry, 2017, 2017, 149-158. Radical Heterocyclization and Heterocyclization Cascades Triggered by Electron Transfer to 801 10 2.0 Amideâ€Type Carbonyl Compounds. Angewandte Chemie, 2017, 129, 14450-14454. Copper-catalyzed amination of phenylboronic acids with benzofurazan 1-oxides. Chinese Journal of 14.0 Catalysis, 2017, 38, 1842-1850 Synthesis and conformational analysis of novel tertiary amides derived from 803 0.5 2 N-[(S)-α-phenylethyl]-1,3-imidazolidine. Arkivoc, 2017, 2017, 89-99. Complementary Sample Preparation Strategies for Analysis of Cereal Î²-Glucan Oxidation Products by 804 3.6 UPLC-MS/MS. Frontiers in Chemistry, 2017, 5, 90. Lipase-Mediated Amidation of Anilines with 1,3-Diketones via C–C Bond Cleavage. Catalysts, 2017, 7, 115. 805 12 3.5 Hydronopylformamides: Modification of the Naturally Occurring Compound (-)-Î²-Pinene to Produce 806 Insect Repellent Candidates against Blattella germanica. Molecules, 2017, 22, 1004. Product Selectivity of Esterification of L-Aspartic Acid and L-Glutamic Acid Using 807 0.5 1 Chlorotrimethylsilane. Natural Product Communications, 2017, 12, 1934578X1701200. Base-promoted synthesis of <i>N</i>-arylbenzamides by <i>N</i>-benzoylation of 808 1.3 dimethylphenylthioureas. Journal of Chemical Research, 2017, 41, 484-486.

#	Article	IF	CITATIONS
809	Unprecedented Ester–Amide Exchange Reaction Using Highly Versatile Two-Dimensional Graphene Oxide Supported Base Metal Nanocatalyst. Industrial & Engineering Chemistry Research, 2018, 57, 3617-3627.	3.7	14
810	Identification of Gibberellic Acid Derivatives That Deregulate Cholesterol Metabolism in Prostate Cancer Cells. Journal of Natural Products, 2018, 81, 838-845.	3.0	8
811	PMIDA-Modified Fe ₃ O ₄ Magnetic Nanoparticles: Synthesis and Application for Liver MRI. Langmuir, 2018, 34, 3449-3458.	3.5	42
812	2â€Hydroxypyridineâ€Nâ€oxide (HOPO): Equivocal in the ames assay. Environmental and Molecular Mutagenesis, 2018, 59, 312-321.	2.2	2
813	Selective adsorption of rare earth elements onto functionalized silica particles. Green Chemistry, 2018, 20, 1515-1526.	9.0	79
814	Direct Formation of Amides from Carboxylic Acids and Amines Catalyzed by Niobium(V) Oxalate Hydrate. ChemistrySelect, 2018, 3, 2599-2603.	1.5	8
815	Cuâ€Catalyzed Coupling of <i>O</i> â€Acyl Oximes with Isatins: Domino Rearrangement Strategy for Direct Access to Quinolineâ€4â€Carboxamides by C–N Bond Cleavage. European Journal of Organic Chemistry, 2018, 2018, 2963-2971.	2.4	26
816	An Efficient Protocol for the Synthesis of Primary Amides via Rhâ€Catalyzed Rearrangement of Aldoximes. ChemistrySelect, 2018, 3, 3474-3478.	1.5	8
817	Multifunctional GQDs-Concanavalin A@Fe3O4 nanocomposites for cancer cells detection and targeted drug delivery. Analytica Chimica Acta, 2018, 1027, 109-120.	5.4	59
818	Enantioselective Hydroamidation of Enals by Trapping of a Transient Acyl Species. Angewandte Chemie - International Edition, 2018, 57, 8503-8507.	13.8	20
819	Novel design of recyclable copper(II) complex supported on magnetic nanoparticles as active catalyst for Beckmann rearrangement in poly(ethylene glycol). Applied Organometallic Chemistry, 2018, 32, e4344.	3.5	38
820	Synthesis, biological evaluation and molecular docking studies of novel 2-(2-cyanophenyl)-N-phenylacetamide derivatives. Research on Chemical Intermediates, 2018, 44, 5467-5481.	2.7	1
821	Amide Bond Formation Assisted by Vicinal Alkylthio Migration in Enaminones: Metal- and CO-Free Synthesis of α,β-Unsaturated Amides. Journal of Organic Chemistry, 2018, 83, 5731-5750.	3.2	23
822	Palladium-catalyzed carbonylation of benzylic ammonium salts to amides and esters <i>via</i> C–N bond activation. Organic and Biomolecular Chemistry, 2018, 16, 3099-3103.	2.8	34
823	Forging Amides Through Metal atalyzed C–C Coupling with Isocyanates. European Journal of Organic Chemistry, 2018, 2018, 3051-3064.	2.4	44
824	Mesoporous silica nanoparticles in an efficient solvent-free transamidation of carboxamides with amines: an exhibition of a green recyclable nanocatalyst. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	3
825	One-Pot Synthesis of Trifluoromethylated Quinazolin-4(3H)-ones with Trifluoroacetic Acid as CF3Source. Journal of Organic Chemistry, 2018, 83, 5104-5113.	3.2	17
826	Synthesis of secondary amides by direct amidation using polymer supported copper(II) complex. Polyhedron, 2018, 148, 195-202.	2.2	7

#	Article	IF	CITATIONS
827	Unanticipated functional diversity among the TatA-type components of the Tat protein translocase. Scientific Reports, 2018, 8, 1326.	3.3	9
828	A chemoenzymatic process for amide bond formation by an adenylating enzyme-mediated mechanism. Scientific Reports, 2018, 8, 2950.	3.3	26
829	Synthesis of Secondary Amides through the Palladium(II)â€Catalyzed Aminocarbonylation of Arylboronic Acids with Amines or Hydrazines and Carbon Monoxide. European Journal of Organic Chemistry, 2018, 2018, 1720-1725.	2.4	17
830	Copper(<scp>ii</scp>)-mediated, carbon degradation-based amidation of phenylacetic acids toward <i>N</i> -substituted benzamides. Organic and Biomolecular Chemistry, 2018, 16, 1552-1556.	2.8	19
831	Catalytic Oligopeptide Synthesis. Organic Letters, 2018, 20, 612-615.	4.6	48
832	Ruthenium atalyzed Aerobic Oxidation of Amines. Chemistry - an Asian Journal, 2018, 13, 2138-2148.	3.3	45
833	I ₂ â€Triggered Reductive Generation of Nâ€Centered Iminyl Radicals: An Isatinâ€toâ€Quinoline Strategy for the Introduction of Primary Amides. Advanced Synthesis and Catalysis, 2018, 360, 1364-1369.	4.3	48
834	Pdâ€Catalyzed Oneâ€Pot Dehydroxylative Coupling of Phenols and Amines under a Carbon Monoxide Atmosphere: A Chemicalâ€Specific Discrimination for Arylcarboxylic Amide Synthesis. Asian Journal of Organic Chemistry, 2018, 7, 751-756.	2.7	25
835	Solidâ€phase organic synthesis of chiral, nonâ€racemic 1,2,4â€trisubstituted 1,4â€diazepanes with high σ ₁ receptor affinity. Archiv Der Pharmazie, 2018, 351, 1700334.	4.1	1
836	Ce(<scp>iii</scp>)-catalyzed highly efficient synthesis of pyridyl benzamides from aminopyridines and nitroolefins without external oxidants. Organic and Biomolecular Chemistry, 2018, 16, 1247-1251.	2.8	14
837	Formation of 2-Imino Benzo[<i>e</i>]-1,3-oxazin-4-ones from Reactions of Salicylic Acids and Anilines with HATU: Mechanistic and Synthetic Studies. ACS Omega, 2018, 3, 781-787.	3.5	3
838	Transamidation of <i>N</i> -acyl-glutarimides with amines. Organic and Biomolecular Chemistry, 2018, 16, 1322-1329.	2.8	57
839	Synthesis of Amides from Aliphatic Acids and Amines by using of I ₂ /TBHP at Room Temperature. ChemistrySelect, 2018, 3, 1062-1065.	1.5	11
840	Direct/Reversible Amidation of Troponyl Alkylglycinates via Cationic Troponyl Lactones and Mechanistic Insights. ACS Omega, 2018, 3, 997-1013.	3.5	7
841	Fe-catalyzed esterification of amides <i>via</i> C–N bond activation. RSC Advances, 2018, 8, 4571-4576.	3.6	19
842	Highly Efficient Copperâ€Catalyzed Amidation of Benzylic Hydrocarbons Under Neutral Conditions. European Journal of Organic Chemistry, 2018, 2018, 794-797.	2.4	15
843	Rapid radiosynthesis of two [18 F]â€labeled nicotinamide derivatives for malignant melanoma imaging. Applied Radiation and Isotopes, 2018, 132, 142-146.	1.5	0
844	Cascade Reaction of Isatins with 1,1-Enediamines: Synthesis of Multisubstituted Quinoline-4-carboxamides. Organic Letters, 2018, 20, 660-663.	4.6	69

#	Article	IF	CITATIONS
845	Optimization of Amidation Reactions Using Predictive Tools for the Replacement of Regulated Solvents with Safer Biobased Alternatives. ACS Sustainable Chemistry and Engineering, 2018, 6, 1550-1554.	6.7	14
846	Covalently linked nanocomposites of polypyrrole with graphene: Strategic design toward optimized properties. Journal of Polymer Science Part A, 2018, 56, 579-588.	2.3	12
847	Efficient synthesis of symmetrical bisamides catalyzed by reusable hydroxyapatite. Synthetic Communications, 2018, 48, 216-222.	2.1	8
848	Inâ€situ Generated Ruthenium Catalyst Systems Bearing Diverse Nâ€Heterocyclic Carbene Precursors for Atomâ€Economic Amide Synthesis from Alcohols and Amines. Chemistry - an Asian Journal, 2018, 13, 440-448.	3.3	23
849	Mechanism for acetic acid-catalyzed ester aminolysis. Chinese Chemical Letters, 2018, 29, 1233-1236.	9.0	2
850	Cymeneâ€Osmium(II) Complexes with Aminoâ€Phosphane Ligands as Precatalysts for Nitrile Hydration Reactions. ChemistrySelect, 2018, 3, 4324-4329.	1.5	14
851	Amidation Reaction of Carboxylic Acid with Formamide Derivative Using SO ₃ ·pyridine. Chemistry Letters, 2018, 47, 584-586.	1.3	4
852	Palladium-Catalyzed Hydrocarbonylative C–N Coupling of Alkenes with Amides. Organic Letters, 2018, 20, 2208-2212.	4.6	32
853	Synthesis and Explosion Hazards of 4-Azido- <scp>l</scp> -phenylalanine. Journal of Organic Chemistry, 2018, 83, 4525-4536.	3.2	21
854	Triflic acid-catalyzed metal-free synthesis of (<i>E</i>)-2-cyanoacrylamides and 3-substituted azetidine-2,4-diones. New Journal of Chemistry, 2018, 42, 6433-6440.	2.8	8
855	XPlex: An Effective, Multiplex Cross-Linking Chemistry for Acidic Residues. Analytical Chemistry, 2018, 90, 6043-6050.	6.5	18
856	Selective mercury ion recognition using a methyl red (MR) based silatrane sensor. New Journal of Chemistry, 2018, 42, 6315-6321.	2.8	11
857	Synthesis of nanomedicines by nanohybrids conjugating ginsenosides with auto-targeting and enhanced MRI contrast for liver cancer therapy. Drug Development and Industrial Pharmacy, 2018, 44, 1307-1316.	2.0	18
858	Cysteine-based 3-substituted 1,5-benzoxathiepin derivatives: Two new classes of anti-proliferative agents. Arabian Journal of Chemistry, 2018, 11, 426-441.	4.9	7
859	Synthesis and anticonvulsant activity of some novel 7-(benzylamino) -1H-benzo[b][1,4]diazepine-2,4(3H,) Tj ETQ	99.90 rgB	T /Overlock 14
860	Non-natural lipids: Synthesis and characterization of esters from meta-carborane-1-carboxylic acid. Chemistry and Physics of Lipids, 2018, 210, 149-154.	3.2	2
861	Ribosomally-synthesised cyclic peptides from plants as drug leads and pharmaceutical scaffolds. Bioorganic and Medicinal Chemistry, 2018, 26, 2727-2737.	3.0	35

Synthesis and characterization of 3-acetoxy-2-methyl-N-(phenyl)benzamide and 3-acetoxy-2-methyl-N-(4-) Tj ETQq1 $_{3.6}^{10}$ 0.784314 rgBT /

CITATION REPORT

#	Article	IF	CITATIONS
863	Thirteen decades of peptide synthesis: key developments in solid phase peptide synthesis and amide bond formation utilized in peptide ligation. Amino Acids, 2018, 50, 39-68.	2.7	171
864	Stable and reusable nanoscale Fe ₂ O ₃ -catalyzed aerobic oxidation process for the selective synthesis of nitriles and primary amides. Green Chemistry, 2018, 20, 266-273.	9.0	47
865	Metal-Free Thermal Activation of Molecular Oxygen Enabled Direct α-CH ₂ -Oxygenation of Free Amines. Journal of Organic Chemistry, 2018, 83, 260-266.	3.2	24
866	A catalyst-free, waste-less ethanol-based solvothermal synthesis of amides. Green Chemistry, 2018, 20, 375-381.	9.0	12
867	Copper-amino group complexes supported on silica-coated magnetite nanoparticles: efficient catalyst for oxidative amidation of methyl arenes. New Journal of Chemistry, 2018, 42, 3900-3908.	2.8	19
868	Esterification with Aromatic Acyl-1,2,4-triazole Catalyzed by Weak Base at the Rate Comparable to Acyl Chloride. Chemistry Letters, 2018, 47, 100-102.	1.3	2
869	4â€(4,6â€Dimethoxyâ€1,3,5â€ŧriazinâ€2â€yl)â€4â€methylmorpholinium Tolueneâ€4â€sulfonate (DMT/NMM/Ts Universal Coupling Reagent for Synthesis in Solution. Helvetica Chimica Acta, 2018, 101, e1700187.	O≺sup>â^ 1.6	') 10
870	Uniformly dispersed copper nanoparticles onto the modified magnetically recoverable nanocatalyst for aqueous synthesis of primary amides. Applied Organometallic Chemistry, 2018, 32, e3925.	3.5	8
871	Synthesis of Polymer-Drug Conjugates Using Natural Polymer: What, Why and How?. Pharmaceutical Sciences and Research, 2018, 5, .	0.1	1
872	Nickel-catalysed decarbonylative borylation of aroyl fluorides. Chemical Communications, 2018, 54, 13969-13972.	4.1	63
873	Synthesis of <i>N</i> -arylsulfonamides through a Pd-catalyzed reduction coupling reaction of nitroarenes with sodium arylsulfinates. Organic and Biomolecular Chemistry, 2018, 16, 8150-8154.	2.8	18
874	Direct defluorinative amidation–hydrolysis reaction of <i>gem</i> -difluoroalkenes with <i>N</i> , <i>N</i> -dimethylformamide, and primary and secondary amines. Organic and Biomolecular Chemistry, 2018, 16, 8546-8552.	2.8	11
875	Structure–activity relationship of the cinnamamide family of antibiotic potentiators for methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). MedChemComm, 2018, 9, 2008-2016.	3.4	5
876	Regioselectivity of aryl radical attack onto isocyanates and isothiocyanates. Organic and Biomolecular Chemistry, 2018, 16, 9011-9020.	2.8	9
877	Fabrication and catalytic properties of ordered cyclopalladated diimine monolayer : investigation on catalytic mechanism. RSC Advances, 2018, 8, 31860-31867.	3.6	12
878	Anthranilic Acid as a Versatile Fluorescent Tag and Linker for Functional Glycomics. Bioconjugate Chemistry, 2018, 29, 3847-3855.	3.6	15
879	Zn(ClO 4) 2 â6H 2 Oâ€Catalyzed Oneâ€Pot Synthesis of Amides via Ritter Reaction with Alcohols, Acetic Anhydride and Nitriles. ChemistrySelect, 2018, 3, 11775-11778.	1.5	2
880	Repurposing n-butyl stannoic acid as highly efficient catalyst for direct amidation of carboxylic acids with amines. Tetrahedron Letters, 2018, 59, 4582-4586.	1.4	9

#	ARTICLE Amide Activation in Ground and Excited States. Molecules, 2018, 23, 2859.	IF 3.8	CITATIONS
882	Colloidal chemistry with patchy silica nanoparticles. Beilstein Journal of Nanotechnology, 2018, 9, 2989-2998.	2.8	10
883	Key Green Chemistry research areas from a pharmaceutical manufacturers' perspective revisited. Green Chemistry, 2018, 20, 5082-5103.	9.0	384
884	A Mini Review: Recent Advances in Surface Modification of Porous Silicon. Materials, 2018, 11, 2557.	2.9	49
885	Phosphineâ€Promoted Amide Bond Formation Reactions from Carboxylic Acids and Tetraalkylthiuram Disulfides. ChemistrySelect, 2018, 3, 13038-13041.	1.5	6
886	Fe(ClO4)3·H2O-Catalyzed Ritter Reaction: A Convenient Synthesis of Amides from Esters and Nitriles. Synlett, 2018, 29, 2257-2264.	1.8	9
887	<i>C</i> -Alkylation of <i>N</i> -alkylamides with styrenes in air and scale-up using a microwave flow reactor. Organic and Biomolecular Chemistry, 2018, 16, 7568-7573.	2.8	24
888	Imidazolium Chloride: An Efficient Catalyst for Transamidation of Primary Amines. Molecules, 2018, 23, 2234.	3.8	13
889	New bis-(3-hydroxy-4-pyridinone)-NTA-derivative: Synthesis, binding ability towards Ca2+, Cu2+, Zn2+, Al3+, Fe3+ and biological assays. Journal of Molecular Liquids, 2018, 272, 609-624.	4.9	12
890	Amide Effects in Câ^'H Activation: Noncovalent Interactions with Lâ€Shaped Ligand for <i>meta</i> Borylation of Aromatic Amides. Angewandte Chemie - International Edition, 2018, 57, 15762-15766.	13.8	123
891	Ruthenium-Based Catalytic Systems Incorporating a Labile Cyclooctadiene Ligand with N-Heterocyclic Carbene Precursors for the Atom-Economic Alcohol Amidation Using Amines. Molecules, 2018, 23, 2413.	3.8	10
892	Amide Effects in Câ^'H Activation: Noncovalent Interactions with Lâ€6haped Ligand for <i>meta</i> Borylation of Aromatic Amides. Angewandte Chemie, 2018, 130, 15988-15992.	2.0	34
893	Triphenyl borate catalyzed synthesis of amides from carboxylic acids and amines. Tetrahedron, 2018, 74, 6954-6958.	1.9	16
894	Fe-based metal-organic frameworks for the synthesis of N-arylsulfonamides via the reactions of sodium arylsulfinates or arylsulfonyl chlorides with nitroarenes in water. Tetrahedron Letters, 2018, 59, 4226-4230.	1.4	10
895	Recent Developments in Solidâ€Phase Strategies towards Synthetic, Sequenceâ€Defined Macromolecules. Chemistry - an Asian Journal, 2018, 13, 3611-3622.	3.3	37
896	Preparation and Use of a General Solid-Phase Intermediate to Biomimetic Scaffolds and Peptide Condensations. Molecules, 2018, 23, 1762.	3.8	2
897	Single-step detection of norovirus tuning localized surface plasmon resonance-induced optical signal between gold nanoparticles and quantum dots. Biosensors and Bioelectronics, 2018, 122, 16-24.	10.1	54
898	Biofunctionalization of Nano Channels by Direct Inâ€Pore Solidâ€Phase Peptide Synthesis. Chemistry - A European Journal, 2018, 24, 17814-17822.	3.3	18

#	Article	IF	CITATIONS
899	Synthesis of amphiphilic <i>meso</i> -tetrasubstituted porphyrin-L-amino acid and -heterocyclic conjugates based on m-THPP. Journal of Porphyrins and Phthalocyanines, 2018, 22, 997-1009.	0.8	6
900	Cu(OAc) ₂ -Promoted Ortho C(sp ²)–H Amidation of 8-Aminoquinoline Benzamide with Acyl Azide: Selective Formation of Aroyl or Acetyl Amide Based on Catalyst Loading. Journal of Organic Chemistry, 2018, 83, 11758-11767.	3.2	15
901	Metal-Free Nitrogen- and Boron-Codoped Mesoporous Carbons for Primary Amides Synthesis from Primary Alcohols via Direct Oxidative Dehydrogenation. ACS Catalysis, 2018, 8, 9936-9944.	11.2	59
902	Intramolecular Transamidation of Secondary Amides via Visible-Light-Induced Tandem Reaction. Organic Letters, 2018, 20, 5618-5621.	4.6	25
903	Exploring organic photosensitizers based on hemicyanine derivatives: a sustainable approach for preparation of amide linkages. RSC Advances, 2018, 8, 31237-31245.	3.6	12
904	Recent Advances in the Synthesis of Carboxylic Acid Esters. , 0, , .		9
905	Functionalization of graphene: does the organic chemistry matter?. Beilstein Journal of Organic Chemistry, 2018, 14, 2018-2026.	2.2	41
906	Oxidative Decarboxylation Enables Chemoselective, Racemization-Free Esterification: Coupling of α-Ketoacids and Alcohols Mediated by Hypervalent Iodine(III). Organic Letters, 2018, 20, 5766-5769.	4.6	14
907	Utilization of the p-nitrobenzyloxycarbonyl (pNZ) amine protecting group and pentafluorophenyl (Pfp) esters for the solid phase synthesis of spiroligomers. Tetrahedron Letters, 2018, 59, 2884-2888.	1.4	4
908	Recent advances in chemoselective acylation of amines. Tetrahedron Letters, 2018, 59, 2615-2621.	1.4	25
909	Ru(Cl)â€Salen Complex: Solvent Selective Homogeneous Catalyst for Oneâ€Pot Synthesis of Nitriles and Amides. ChemistrySelect, 2018, 3, 5660-5666.	1.5	12
910	Homologation chemistry with nucleophilic α-substituted organometallic reagents: chemocontrol, new concepts and (solved) challenges. Chemical Communications, 2018, 54, 6692-6704.	4.1	58
911	Acceptorless dehydrogenative coupling reactions with alcohols over heterogeneous catalysts. Green Chemistry, 2018, 20, 2933-2952.	9.0	114
913	1,1-Diacyloxy-1-phenylmethanes as versatile N-acylating agents for amines. Tetrahedron, 2018, 74, 5330-5339.	1.9	9
914	Manganese-Catalyzed Direct Conversion of Ester to Amide with Liberation of H ₂ . Organic Letters, 2018, 20, 3381-3384.	4.6	30
915	Metal-Controlled, Regioselective, Direct Intermolecular α- or γ-Amination with Azodicarboxylates. Organic Letters, 2018, 20, 3469-3472.	4.6	26
916	Covalent layer-by-layer films: chemistry, design, and multidisciplinary applications. Chemical Society Reviews, 2018, 47, 5061-5098.	38.1	122
917	Enantioselective Hydroamidation of Enals by Trapping of a Transient Acyl Species. Angewandte Chemie, 2018, 130, 8639-8643.	2.0	7

	CITATION RE	PORT	
#	Article	IF	CITATIONS
918	Synthesis of Secondary Amides from Thiocarbamates. Organic Letters, 2018, 20, 4235-4239.	4.6	15
919	One-step palladium catalysed synthetic route to unsaturated pelargonic C9-amides directly from 1,3-butadiene. Journal of Catalysis, 2018, 365, 24-28.	6.2	8
920	Synthesis of <i>N</i> -arylsulfonamides <i>via</i> Fe-promoted reaction of sulfonyl halides with nitroarenes in an aqueous medium. Organic and Biomolecular Chemistry, 2018, 16, 5016-5020.	2.8	23
921	A versatile biosynthetic approach to amide bond formation. Green Chemistry, 2018, 20, 3426-3431.	9.0	52
922	TCFH–NMI: Direct Access to <i>N</i> -Acyl Imidazoliums for Challenging Amide Bond Formations. Organic Letters, 2018, 20, 4218-4222.	4.6	77
923	Thermal Stability Assessment of Peptide Coupling Reagents Commonly Used in Pharmaceutical Manufacturing. Organic Process Research and Development, 2018, 22, 1262-1275.	2.7	85
924	Acid/Base-Co-catalyzed Formal Baeyer–Villiger Oxidation Reaction of Ketones: Using Molecular Oxygen as the Oxidant. Organic Letters, 2018, 20, 4862-4866.	4.6	19
925	Direct Synthesis of Amides from Oxidative Coupling of Benzyl Alcohols or Benzylamines with <i>N</i> â€6ubstituted Formamides Using a Cuâ€Feâ€Based Heterogeneous Catalyst. ChemistrySelect, 2018, 3, 8436-8443.	1.5	8
926	Palladium-Catalyzed Carbonylative Synthesis of α,β-Unsaturated Amides from Styrenes and Nitroarenes. Organic Letters, 2018, 20, 4988-4993.	4.6	52
927	The implementation of the catalytic Staudinger–Vilarrasa reaction in polymer chemistry as a highly efficient chemistry strategy. Polymer Chemistry, 2018, 9, 4413-4421.	3.9	1
928	Recent advances towards sulfur (VI) fluoride exchange (SuFEx) click chemistry. Journal of Fluorine Chemistry, 2018, 213, 87-112.	1.7	91
929	Efficient Nâ€Heterocyclic Carbene/Ruthenium Catalytic Systems for the Alcohol Amidation with Amines: Involvement of Polyâ€Carbene Complexes?. ChemCatChem, 2018, 10, 4338-4345.	3.7	14
930	Achieving Controlled Biomolecule–Biomaterial Conjugation. Chemical Reviews, 2018, 118, 7702-7743.	47.7	165
931	Are Aminomethyl Thioesters Viable Intermediates in Native Chemical Ligation Type Amide Bond Forming Reactions?. Australian Journal of Chemistry, 2018, 71, 697.	0.9	1
932	Recent Progress in the Chemical Synthesis of Class II and S-Glycosylated Bacteriocins. Frontiers in Microbiology, 2018, 9, 1048.	3.5	42
933	Facile Syntheses and Molecular-Docking of Novel Substituted 3,4-Dimethyl-1H-pyrrole-2-carboxamide/carbohydrazide Analogues with Antimicrobial and Antifungal Properties. Molecules, 2018, 23, 875.	3.8	5
934	Further applications of classical amide coupling reagents: Microwaveâ€assisted esterification on solid phase. Journal of Peptide Science, 2018, 24, e3111.	1.4	9
935	Experimental and computational studies on H ₂ O-promoted, Rh-catalyzed transient-ligand-free <i>ortho</i> -C(sp ²)–H amidation of benzaldehydes with dioxazolones. Chemical Communications, 2018, 54, 8889-8892.	4.1	35

		CITATION R	EPORT	
#	Article		IF	Citations
936	Iridium-catalyzed reductive Ugi-type reactions of tertiary amides. Nature Communicatio	ns, 2018, 9, 2841.	12.8	75
937	Hydroaminocarbonylation of Alkynes to Produce Primary <i>α</i> , <i>β</i> â€Unsatura NH ₄ HCO ₃ Dually as Ammonia Surrogate and BrÃ,nsted Acid ChemCatChem, 2018, 10, 4264-4268.	ted Amides Using Additive.	3.7	15
938	Chemical biology of salinomycin. Tetrahedron, 2018, 74, 5585-5614.		1.9	22
939	Peptides in immunoengineering. , 2018, , 287-326.			3
940	Chelationâ€Assisted Câ^'N Cross oupling between Picolinamides and Aryl Boronic Ac Catalysis. Asian Journal of Organic Chemistry, 2018, 7, 2053-2056.	ids under Nickel	2.7	9
941	Amide Synthesis via Aminolysis of Ester or Acid with an Intracellular Lipase. ACS Catalys 8856-8865.	is, 2018, 8,	11.2	51
942	Hexagonal Mesoporous Silica Supported Ultrasmall Copper Oxides for Oxidative Amida Carboxylic Acids. ACS Sustainable Chemistry and Engineering, 2018, 6, 12935-12945.	tion of	6.7	14
943	Water-Soluble Conjugates of ZnS:Mn Quantum Dots with Chlorin e6 for Photodynamic Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2018, 125, 9	Therapy. 4-98.	0.6	4
944	Direct Synthesis of Amides from Oxidative Coupling of Benzyl Alcohols and N-substitute Using a Co–Al Based Heterogeneous Catalyst. Catalysis Letters, 2018, 148, 3102-313	ed Formamides 11.	2.6	6
945	Chemistry of targeted immobilization of biomediators. , 2018, , 231-250.			0
946	Simple method to construct three-dimensional porous carbon for electrochemical energ Nanoscale, 2018, 10, 15842-15853.	gy storage.	5.6	11
947	Recyclable hypervalent-iodine-mediated solid-phase peptide synthesis and cyclic peptide Beilstein Journal of Organic Chemistry, 2018, 14, 1112-1119.	e synthesis.	2.2	8
948	Impedimetric biosensor for detection of cancer cells employing carbohydrate targeting Concanavalin A. Biosensors and Bioelectronics, 2018, 122, 95-103.	ability of	10.1	35
949	Direct Amidation of Carboxylic Acids through an Active α-Acyl Enol Ester Intermediate. Organic Chemistry, 2018, 83, 7962-7969.	lournal of	3.2	28
950	Photoredox Catalysis of Cyclometalated Ir ^{III} Complex for the Conversion o Fluorinated Alkyl Amides. Asian Journal of Organic Chemistry, 2018, 7, 1587-1590.	f Amines to	2.7	8
951	Airâ€stable Bis(pentamethylcyclopentadienyl) Zirconium Perfluorooctanesulfonate as a Recyclable Catalyst for the Synthesis of Nâ€substituted Amides. ChemCatChem, 2018,	n Efficient and 10, 3532-3538.	3.7	34
952	An innovative and efficient route to the synthesis of metal-based glycoconjugates: proc and potential applications. Dalton Transactions, 2018, 47, 10721-10736.	f-of-concept	3.3	10
953	Choosing the Right Coupling Reagent for Peptides: A Twenty-Five-Year Journey. Organic Research and Development, 2018, 22, 760-772.	Process	2.7	108

#	Article		CITATIONS
954	Copper(II) atalyzed Selective <i>Para</i> Amination of Arylamine with Pyrazole by Câ^'H Functionalization. ChemCatChem, 2018, 10, 3675-3679.	3.7	42
955	Crystal structure of 2,3-dimethoxy-N-(4-nitrophenyl)benzamide. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 41-44.	0.5	5
956	KO ^{<i>t</i>} Bu-Promoted Transition-Metal-Free Transamidation of Primary and Tertiary Amides with Amines. Organic Letters, 2019, 21, 6690-6694.	4.6	59
957	A metal-free approach for the synthesis of amides/esters with pyridinium salts of phenacyl bromides via oxidative C–C bond cleavage. Beilstein Journal of Organic Chemistry, 2019, 15, 1864-1871.	2.2	12
958	Direct Conversion of Carboxylic Acids to Various Nitrogen-Containing Compounds in the One-Pot Exploiting Curtius Rearrangement. Journal of Organic Chemistry, 2019, 84, 11323-11334.	3.2	17
959	Cyclic Tetrapeptides from Nature and Design: A Review of Synthetic Methodologies, Structure, and Function. Chemical Reviews, 2019, 119, 10318-10359.	47.7	37
960	Vapour pressures and enthalpies of vaporisation of N‑alkyl acetamides. Journal of Molecular Liquids, 2019, 293, 111453.	4.9	4
961	Metal-Free Transamidation of Secondary Amides by N–C Cleavage. Journal of Organic Chemistry, 2019, 84, 12091-12100.	3.2	66
962	Electrical pulse-induced electrochemical biosensor for hepatitis E virus detection. Nature Communications, 2019, 10, 3737.	12.8	137
963	Electrochemical <i>N</i> -acylation synthesis of amides under aqueous conditions. Green Chemistry, 2019, 21, 4329-4333.	9.0	33
964	A combined experimental and theoretical analysis of the solid-state supramolecular self-assembly of N-(2,4-dichlorophenyl)-1-naphthamide: Synthesis, anticholinesterase potential and molecular docking analysis. Journal of Molecular Structure, 2019, 1197, 458-470.	3.6	15
965	Selectivity controllable divergent synthesis of α,β-unsaturated amides and maleimides from alkynes and nitroarenes via palladium-catalyzed carbonylation. Journal of Catalysis, 2019, 375, 519-523.	6.2	27
966	Enzymeâ€Catalysed Synthesis of Secondary and Tertiary Amides. Advanced Synthesis and Catalysis, 2019, 361, 3895-3914.	4.3	76
967	Ligands and Bases Mediate Switching between Aminocarbonylations and Alkoxycarbonylations in Coupling of Aminophenols with Iodoarenes. Inorganic Chemistry, 2019, 58, 10217-10226.	4.0	8
968	De Novo Design of Cu(II) Complex Containing CNC–Pincer–Vitamin B3 and B7 Conjugates for Breast Cancer Application. Molecular Pharmaceutics, 2019, 16, 3802-3813.	4.6	10
969	One-pot synthesis of amides <i>via</i> the oxidative amidation of aldehydes and amines catalyzed by a copper-MOF. RSC Advances, 2019, 9, 22749-22754.	3.6	20
970	Surface-exposed domains of TatB involved in the structural and functional assembly of the Tat translocase in Escherichia coli. Journal of Biological Chemistry, 2019, 294, 13902-13914.	3.4	3
971	Nitrogen Bridged Diazocines: Photochromes Switching within the Near-Infrared Region with High Quantum Yields in Organic Solvents and in Water. Journal of the American Chemical Society, 2019, 141, 13592-13600.	13.7	101

#	Article		CITATIONS
972	Recent Advances in the Functionalization of Hydrocarbons: Synthesis of Amides and its Derivatives. Asian Journal of Organic Chemistry, 2019, 8, 1227-1262.	2.7	13
973	Metal-Free Sustainable Synthesis of Amides via Oxidative Amidation Using Graphene Oxide as Carbocatalyst in Aqueous Medium. Catalysis Letters, 2019, 149, 3169-3175.	2.6	8
974	A Hydroperoxideâ€Mediated Decarboxylation of αâ€Ketoacids Enables the Chemoselective Acylation of Amines. Chemistry - A European Journal, 2019, 25, 15504-15507.	3.3	16
975	Nickelâ€catalyzed aminocarbonylation of aryl halides with carbamoylsilanes: efficient synthesis of secondary (primary) aromatic amides. Applied Organometallic Chemistry, 2019, 33, e5174.	3.5	8
976	Direct Amidation of Carboxylic Acids with Nitroarenes. Journal of Organic Chemistry, 2019, 84, 13922-13934.	3.2	32
977	Water-Tolerant and Atom Economical Amide Bond Formation by Metal-Substituted Polyoxometalate Catalysts. ACS Catalysis, 2019, 9, 10245-10252.	11.2	49
978	Expanding the Reaction Space of Linkage-Specific Sialic Acid Derivatization. Molecules, 2019, 24, 3617.	3.8	20
979	Making Carbonyls of Amides Nucleophilic and Hydroxyls of Alcohols Electrophilic Mediated by SO ₂ F ₂ for Synthesis of Esters from Amides. Organic Letters, 2019, 21, 8657-8661.	4.6	17
980	Phosphorus pentoxide for amide and peptide bond formation with minimal by-products. Tetrahedron Letters, 2019, 60, 151311.	1.4	7
981	The Synthesis of N-(Pyridin-2-yl)-Benzamides from Aminopyridine and Trans-Beta-Nitrostyrene by Fe2Ni-BDC Bimetallic Metal–Organic Frameworks. Processes, 2019, 7, 789.	2.8	8
983	Graphene oxideâ€catalyzed C _{Sp3} –H activation of methylarenes in aqueous medium: A unified metalâ€free access to amides and benzimidazoles. Applied Organometallic Chemistry, 2019, 33, e5232.	3.5	11
985	Phosphoniumâ€Based Ionic Liquids Used as Reagents or Catalysts. ChemistrySelect, 2019, 4, 9285-9299.	1.5	28
986	Straightforward access to N-trifluoromethyl amides, carbamates, thiocarbamates and ureas. Nature, 2019, 573, 102-107.	27.8	96
987	Applications of sulfuryl fluoride (SO ₂ F ₂) in chemical transformations. Organic Chemistry Frontiers, 2019, 6, 3490-3516.	4.5	60
988	Half-sandwich Ruthenium(II) Schiff base complexes: Synthesis, characterization and effective catalysts for one-pot conversion of aldehydes to amides. Journal of Organometallic Chemistry, 2019, 902, 120964.	1.8	17
989	Optimization of an Azaindazole Series of CCR1 Antagonists and Development of a Semicontinuous-Flow Synthesis. ACS Symposium Series, 2019, , 185-238.	0.5	0
990	Visible-light-mediated direct access to α-ketoamides by dealkylative amidation of tertiary amines with benzoylformic acids. Tetrahedron Letters, 2019, 60, 151191.	1.4	8
991	Computational insight into the mechanism and origins of high selectivities in the acylation of polyamines with 5-benzoyl-5-phenyl-1,5-dihydro-4 <i>H</i> -pyrazol-4-one. Organic and Biomolecular Chemistry, 2019, 17, 140-150.	2.8	1

#	Article	IF	CITATIONS
992	Visible-light-promoted oxidation/condensation of benzyl alcohols with dialkylacetamides to cinnamides. Organic and Biomolecular Chemistry, 2019, 17, 449-453.	2.8	10
993	Efficient and phosphine-free bidentate N-heterocyclic carbene/ruthenium catalytic systems for the dehydrogenative amidation of alcohols and amines. Organic Chemistry Frontiers, 2019, 6, 563-570.	4.5	29
994	Versatile functionalization of surface-tailorable polymer nanohydrogels for drug delivery systems. Biomaterials Science, 2019, 7, 247-261.	5.4	10
995	Manganese-mediated reductive amidation of esters with nitroarenes. Organic Chemistry Frontiers, 2019, 6, 756-761.	4.5	37
996	Catalytic asymmetric aza-Michael addition of fumaric monoacids with multifunctional thiourea/boronic acids. Organic and Biomolecular Chemistry, 2019, 17, 2331-2335.	2.8	23
997	Surface modification strategy based on the conjugation of NaYF4:5%Eu luminescent nanoprobe with organic aromatic compounds for application in bioimaging assays. Journal of Nanoparticle Research, 2019, 21, 1.	1.9	2
998	Experimental and theoretical evaluation on the antioxidant activity of a copper(<scp>ii</scp>) complex based on lidocaine and ibuprofen amide-phenanthroline agents. RSC Advances, 2019, 9, 3320-3335.	3.6	39
999	Aerobic oxidation of olefins in the presence of a new amine functionalized core–shell magnetic nanocatalyst. Catalysis Communications, 2019, 122, 52-57.	3.3	11
1000	Palladium-catalyzed relay hydroaminocarbonylation of alkenes with hydroxylamine hydrochloride as an ammonia equivalent. Communications Chemistry, 2019, 2, .	4.5	21
1001	Convenient framework of poly functionalized (E)-2-benzylideno-(Z)-carbazolylideno cyanoacetamides via rearrangements as an efficient antibiofilm inhibitors with SAR study. Bioorganic and Medicinal Chemistry, 2019, 27, 777-784.	3.0	0
1002	Experimental and theoretical investigations of cyclometalated ruthenium(ii) complex containing CCC-pincer and anti-inflammatory drugs as ligands: synthesis, characterization, inhibition of cyclooxygenase and in vitro cytotoxicity activities in various cancer cell lines. Dalton Transactions, 2019, 48, 728-740.	3.3	24
1003	<i>N</i> -Alkyl amide synthesis <i>via N</i> -alkylation of amides with alcohols. Organic and Biomolecular Chemistry, 2019, 17, 2044-2054.	2.8	29
1004	Solvent- and transition metal-free amide synthesis from phenyl esters and aryl amines. RSC Advances, 2019, 9, 1536-1540.	3.6	20
1005	Oxidative Amide Coupling from Functionally Diverse Alcohols and Amines Using Aerobic Copper/Nitroxyl Catalysis. Angewandte Chemie, 2019, 131, 12339-12343.	2.0	8
1006	Oxidative Amide Coupling from Functionally Diverse Alcohols and Amines Using Aerobic Copper/Nitroxyl Catalysis. Angewandte Chemie - International Edition, 2019, 58, 12211-12215.	13.8	27
1007	Formamide catalyzed activation of carboxylic acids – versatile and cost-efficient amidation and esterification. Chemical Science, 2019, 10, 7399-7406.	7.4	46
1008	Facile Peptide Bond Formation: Effective Interplay between Isothiazolone Rings and Silanol Groups at Silver/Iron Oxide Nanocomposite Surfaces. ACS Omega, 2019, 4, 10629-10639.	3.5	81
1009	Synthesis and investigation of 3,5-bis-linear and macrocyclic tripeptidopyridine candidates by using I-valine, N,Nâ€2-(3,5-pyridinediyldicarbonyl)bis-dimethyl ester as synthon. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2019, 74, 473-478.	0.7	5

#	Article	IF	CITATIONS
1010	Nanomolar detection of 4-aminophenol using amperometric sensor based on a novel phthalocyanine. Electrochimica Acta, 2019, 318, 342-353.	5.2	65
1011	Preparation and characterization of electrically conductive multiwalled carbon nanotube/polyoxazoline nanocomposite films using spray coating. Journal of Coatings Technology Research, 2019, 16, 1757-1764.	2.5	2
1012	Covalent Topological Adhesion. ACS Macro Letters, 2019, 8, 754-758.	4.8	65
1013	Palladium-Catalyzed Amide Synthesis via Aminocarbonylation of Arylboronic Acids with Nitroarenes. Organic Letters, 2019, 21, 4878-4881.	4.6	32
1014	Oxidative amidation of benzaldehyde using a quinone/DMSO system as the oxidizing agent. RSC Advances, 2019, 9, 18265-18270.	3.6	4
1015	Amides of substituted 3-(pteridin-6-yl)propanoic acids: synthesis, spectral characteristics, and cytotoxic activity. Chemistry of Heterocyclic Compounds, 2019, 55, 408-415.	1.2	2
1016	Mechanism of atom economical conversion of alcohols and amines to amides using Fe(<scp>ii</scp>) pincer catalyst. An outer-sphere metal–ligand pathway or an inner-sphere elimination pathway?. RSC Advances, 2019, 9, 17479-17489.	3.6	3
1017	Solvent-tailored Pd ₃ P _{0.95} nano catalyst for amide–nitrile inter-conversion, the hydration of nitriles and transfer hydrogenation of the Cî€O bond. Dalton Transactions, 2019, 48, 10962-10970.	3.3	11
1018	Metalâ€Free Transamidation of Primary Amides using Trimethylsilyl Chloride. Asian Journal of Organic Chemistry, 2019, 8, 1613-1616.	2.7	20
1019	Electrochemical anion pool synthesis of amides with concurrent benzyl ester synthesis. Green Chemistry, 2019, 21, 3165-3171.	9.0	10
1020	Discovery of novel pyridazine derivatives as glucose transporter type 4 (GLUT4) translocation activators. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1785-1790.	2.2	17
1021	N-triflyl-propiolamides: Preparation and transamidation reactions. Tetrahedron, 2019, 75, 3586-3595.	1.9	18
1022	Carboxyl-functionalized derivatives of carboxymethyl cellulose: towards advanced biomedical applications. Polymer Reviews, 2019, 59, 510-560.	10.9	65
1023	Chemically Modified Variants of Fenofibrate with Antiglioblastoma Potential. Translational Oncology, 2019, 12, 895-907.	3.7	13
1024	Oxidation of amine α-carbon to amide: a review on direct methods to access the amide functionality. Organic Chemistry Frontiers, 2019, 6, 2570-2599.	4.5	42
1025	Derivatives of 3-Aminopyrazine-2-carboxamides: Synthesis, Antimicrobial Evaluation, and in Vitro Cytotoxicity. Molecules, 2019, 24, 1212.	3.8	9
1026	Visibleâ€Lightâ€Enabled Synthesis of Pyridyl Benzamides via Oxidative Decarbethoxylation using Copper(I) Iodide/Air at Room Temperature. Asian Journal of Organic Chemistry, 2019, 8, 873-876.	2.7	3
1027	2â€Hydroxypyridine Nâ€Oxide is not genotoxic in vivo. Environmental and Molecular Mutagenesis, 2019, 60, 588-593	2.2	2

#	Article	IF	CITATIONS
1028	The organocatalytic highly enantioselective Knoevenagel condensation: applications in the synthesis of various chiral amide derivatives. Journal of the Iranian Chemical Society, 2019, 16, 1939-1955.	2.2	4
1029	Simple one pot synthesis of ketone from carboxylic acid using DCC as an activator. Tetrahedron Letters, 2019, 60, 1382-1384.	1.4	4
1030	Intermolekulare, verzweigtâ€selektive und redoxneutrale Cp*Ir ^{III} â€katalysierte allylische Câ€Hâ€Amidierung. Angewandte Chemie, 2019, 131, 7191-7195.	2.0	25
1031	Visibleâ€Light Mediated Photooxidative Synthesis of αâ€Keto Amides. Advanced Synthesis and Catalysis, 2019, 361, 3554-3559.	4.3	23
1032	Biocatalysis: A Pharma Perspective. Advanced Synthesis and Catalysis, 2019, 361, 2421-2432.	4.3	168
1033	Intermolecular Câ^'H Amidation of (Hetero)arenes to Produce Amides through Rhodium atalyzed Carbonylation of Nitrene Intermediates. Angewandte Chemie, 2019, 131, 8979-8984.	2.0	6
1034	Size-selective mesoporous silica-based Pt(II) complex as efficient and reusable photocatalytic material. Journal of Catalysis, 2019, 373, 374-383.	6.2	16
1035	Decarboxylation with Carbon Monoxide: The Direct Conversion of Carboxylic Acids into Potent Acid Triflate Electrophiles. Angewandte Chemie, 2019, 131, 5139-5143.	2.0	1
1036	Intermolecular Câ	13.8	35
1037	Amide Synthesis from Thiocarboxylic Acids and Amines by Spontaneous Reaction and Electrosynthesis. ChemSusChem, 2019, 12, 2570-2575.	6.8	17
1038	The effect of cationic groups on the stability of 19 F MRI contrast agents in nanoparticles. Journal of Polymer Science Part A, 2019, 57, 1994-2001.	2.3	8
1039	Intermolecular, Branchâ€Selective, and Redoxâ€Neutral Cp*Ir ^{III} â€Catalyzed Allylic Câ^'H Amidation. Angewandte Chemie - International Edition, 2019, 58, 7117-7121.	13.8	110
1040	Oxidative amidation of benzyl alcohol, benzaldhyde, benzoic acid styrene and phenyl acetylene catalyzed by ordered mesoporous HKUSTâ€1â€Cu: Effect of surface area on oxidative amidation reaction. Applied Organometallic Chemistry, 2019, 33, e4822.	3.5	17
1041	Copperâ€Catalysed Câ€N Bond Formation Via Cross Dehydrogenative Coupling of 4 H â€1,2,4â€Triazoles and Formamides. ChemistrySelect, 2019, 4, 3290-3293.	1.5	6
1042	Acid anhydride coated carbon nanodots: activated platforms for engineering clicked (bio)nanoconstructs. Nanoscale, 2019, 11, 7850-7856.	5.6	12
1043	Clickable coupling of carboxylic acids and amines at room temperature mediated by SO ₂ F ₂ : a significant breakthrough for the construction of amides and peptide linkages. Organic and Biomolecular Chemistry, 2019, 17, 4087-4101.	2.8	55
1044	Activation of nitriles by silver(I) N-heterocyclic carbenes: An efficient on-water synthesis of primary amides. Tetrahedron, 2019, 75, 2637-2641.	1.9	18
1045	Effect of Chemical Microenvironment in Spirothiopyran Monolayer Direct-Write Photoresists. Langmuir, 2019, 35, 3871-3879.	3.5	8

#	Article	IF	CITATIONS
1046	Trapping of trifluoroacetonitrile imines with mercaptoacetaldehyde and mercaptocarboxylic acids: An access to fluorinated 1,3,4-thiadiazine derivatives via (3+3)-annulation. Journal of Fluorine Chemistry, 2019, 222-223, 8-14.	1.7	14
1047	Multistep Synthesis of 1,2,4-Oxadiazoles via DNA-Conjugated Aryl Nitrile Substrates. Bioconjugate Chemistry, 2019, 30, 1304-1308.	3.6	22
1048	Identification of Bis-Cyclic Guanidines as Antiplasmodial Compounds from Positional Scanning Mixture-Based Libraries. Molecules, 2019, 24, 1100.	3.8	7
1049	Iron atalyzed Oxidative Coupling Reaction of Isocyanides and Simple Alkanes towards Amide Synthesis. Advanced Synthesis and Catalysis, 2019, 361, 2009-2013.	4.3	6
1050	Amidation of aldehydes using mono-cationic half-sandwich rhodium(III) complexes with functionalized phenylhydrazone ligands. Journal of Organometallic Chemistry, 2019, 886, 65-70.	1.8	7
1051	Total Synthesis of Lophirone F Hexamethyl Ether. European Journal of Organic Chemistry, 2019, 2019, 2362-2367.	2.4	2
1052	Decarboxylation with Carbon Monoxide: The Direct Conversion of Carboxylic Acids into Potent Acid Triflate Electrophiles. Angewandte Chemie - International Edition, 2019, 58, 5085-5089.	13.8	6
1053	Ionic liquid catalysed aerobic oxidative amidation and thioamidation of benzylic amines under neat conditions. Green Chemistry, 2019, 21, 962-967.	9.0	29
1054	Amide bond synthesis via silver(I) N-heterocyclic carbene-catalyzed and tert-butyl hydroperoxide-mediated oxidative coupling of alcohols with amines under base free conditions. Tetrahedron Letters, 2019, 60, 847-851.	1.4	10
1055	An efficient transformation of methyl ethers and nitriles to amides catalyzed by Iron(III) perchlorate hydrate. Journal of the Iranian Chemical Society, 2019, 16, 1355-1363.	2.2	4
1056	Metal- and solvent-free synthesis of amides using substitute formamides as an amino source under mild conditions. Scientific Reports, 2019, 9, 2787.	3.3	9
1057	Hydrative syntheses of amides from alkynes catalyzed by an Au(I) complex containing pyridyl-functionalized NHC ligand. Journal of Organometallic Chemistry, 2019, 886, 1-8.	1.8	10
1058	α/β-Chimera peptide synthesis with cyclic β-sugar amino acids: the efficient coupling protocol. Amino Acids, 2019, 51, 669-678.	2.7	16
1059	N-formylation of amines using methanol as a potential formyl carrier by a reusable chromium catalyst. Communications Chemistry, 2019, 2, .	4.5	52
1060	Synthesis of glutaryl-containing derivatives of GRGD and KRGD peptides. Russian Chemical Bulletin, 2019, 68, 2316-2324.	1.5	4
1061	BF ₃ ·OEt ₂ -Catalyzed Vinyl Azide Addition to in Situ Generated <i>N</i> -Acyl Iminium Salts: Synthesis of 3-Oxoisoindoline-1-acetamides. Journal of Organic Chemistry, 2019, 84, 15865-15876.	3.2	15
1062	The magnetic graphene oxide/NHC catalyzed aerobic direct amidation and cross-dehydrogenative coupling of aldehydes. New Journal of Chemistry, 2019, 43, 16555-16565.	2.8	13
1063	Solvent- and catalyst-free transamidations of unprotected glycosyl carboxamides. Organic and Biomolecular Chemistry, 2019, 17, 9425-9429.	2.8	3

#	Article	IF	CITATIONS
1064	Palladium-catalyzed decarboxylative <i>ortho</i> -amidation of <i>O</i> -methyl ketoximes with oxamic acids. Chemical Communications, 2019, 55, 12551-12554.	4.1	11
1065	Direct amide synthesis <i>via</i> Ni-mediated aminocarbonylation of arylboronic acids with CO and nitroarenes. Chemical Communications, 2019, 55, 13709-13712.	4.1	26
1066	Cul incorporated cobalt ferrite nanoparticles as a magnetically separable catalyst for oxidative amidation reaction. Dalton Transactions, 2019, 48, 16041-16052.	3.3	8
1067	Versatile coordination and C–H activation of a multi-donor phosphinoferrocene carboxamide ligand in Pd(ii) complexes. Dalton Transactions, 2019, 48, 16412-16425.	3.3	4
1068	Deciphering the mechanism of copper-catalyzed N-arylation between aryl halides and nitriles: a DFT study. New Journal of Chemistry, 2019, 43, 19200-19207.	2.8	1
1069	Efficient and Chemoselective Amidation of <i>β</i> â€Carboline Carboxylic Acids. ChemistrySelect, 2019, 4, 12978-12982.	1.5	5
1070	Cathodic Hydrogen Peroxide Electrosynthesis Using Anthraquinone Modified Carbon Nitride on Gas Diffusion Electrode. ACS Applied Energy Materials, 2019, 2, 7972-7979.	5.1	30
1071	Exploring anticancer activity of structurally modified benzylphenoxyacetamide (BPA); I: Synthesis strategies and computational analyses of substituted BPA variants with high anti-glioblastoma potential. Scientific Reports, 2019, 9, 17021.	3.3	4
1072	Cyanuricâ€Chlorideâ€Mediated Synthesis of 2â€Arylâ€3â€ŧertâ€butoxycarbonylâ€ŧhiazolidineâ€4â€carboxylic A Anilides: Mechanistic, Xâ€Ray Crystal Structures and Cytotoxicity Studies. ChemistrySelect, 2019, 4,	cid 1.5	4
	12534-12546.		
1073	12534-12546. Solutions 251 – 300. , 2019, , 721-863.		0
1073 1074	12534-12546. Solutions 251 – 300., 2019, , 721-863. Ocular penetration of fluorometholone-loaded PEG-PLGA nanoparticles functionalized with cell-penetrating peptides. Nanomedicine, 2019, 14, 3089-3104.	3.3	0
1073 1074 1075	12534-12546. Solutions 251 – 300., 2019, , 721-863. Ocular penetration of fluorometholone-loaded PEG-PLGA nanoparticles functionalized with cell-penetrating peptides. Nanomedicine, 2019, 14, 3089-3104. Unwanted hydrolysis or î±ĺî²-peptide bond formation: how long should the rate-limiting coupling step take?. RSC Advances, 2019, 9, 30720-30728.	3.3 3.6	0 41 11
1073 1074 1075 1076	12534-12546. Solutions 251 â€" 300., 2019, , 721-863. Ocular penetration of fluorometholone-loaded PEG-PLGA nanoparticles functionalized with cell-penetrating peptides. Nanomedicine, 2019, 14, 3089-3104. Unwanted hydrolysis or î±/î²-peptide bond formation: how long should the rate-limiting coupling step take?. RSC Advances, 2019, 9, 30720-30728. Process Development for a Locally Acting SGLT1 Inhibitor, LX2761, Utilizing sp ³ á€"sp ² Suzuki Coupling of a Benzyl Carbonate. Organic Process Research and Development, 2019, 23, 45-61.	3.3 3.6 2.7	0 41 11 6
1073 1074 1075 1076	12534-12546. Solutions 251 – 300., 2019, , 721-863. Ocular penetration of fluorometholone-loaded PEC-PLCA nanoparticles functionalized with cell-penetrating peptides. Nanomedicine, 2019, 14, 3089-3104. Unwanted hydrolysis or î±/î²-peptide bond formation: how long should the rate-limiting coupling step take?. RSC Advances, 2019, 9, 30720-30728. Process Development for a Locally Acting SGLT1 Inhibitor, LX2761, Utilizing sp ³ –sp ² Suzuki Coupling of a Benzyl Carbonate. Organic Process Research and Development, 2019, 23, 45-61. Catalyst-Free Transamidation of Aromatic Amines with Formamide Derivatives and Tertiary Amides with Aliphatic Amines. Organic Letters, 2019, 21, 387-392.	 3.3 3.6 2.7 4.6 	0 41 11 6 54
1073 1074 1075 1076 1077	12534-12546. Solutions 251 à€" 300., 2019, , 721-863. Ocular penetration of fluorometholone-loaded PEG-PLGA nanoparticles functionalized with cell-penetrating peptides. Nanomedicine, 2019, 14, 3089-3104. Unwanted hydrolysis or î±ĵ²-peptide bond formation: how long should the rate-limiting coupling step take?. RSC Advances, 2019, 9, 30720-30728. Process Development for a Locally Acting SCLT1 Inhibitor, LX2761, Utilizing sp ^{3€"sp^{3€"sp^{3€"sp² Suzuki Coupling of a Benzyl Carbonate. Organic Process Research and Development, 2019, 23, 45-61. Catalyst-Free Transamidation of Aromatic Amines with Formamide Derivatives and Tertiary Amides with Aliphatic Amines. Organic Letters, 2019, 21, 387-392. Macrolactamization Approaches to Arylomycin Antibiotics Core. Organic Letters, 2019, 21, 147-151.}}}	 3.3 3.6 2.7 4.6 4.6 	0 41 11 6 54 18
1073 1074 1075 1076 1077 1078	12534-12546. Solutions 251 â€" 300., 2019, , 721-863. Ocular penetration of fluorometholone-loaded PEG-PLGA nanoparticles functionalized with cell-penetrating peptides. Nanomedicine, 2019, 14, 3089-3104. Unwanted hydrolysis or î±fl²-peptide bond formation: how long should the rate-limiting coupling step take?. RSC Advances, 2019, 9, 30720-30728. Process Development for a Locally Acting SGLT1 Inhibitor, LX2761, Utilizing sp ^{3 sp^{3 value y à€"sp^{2 Supvisition of Aromatic Amines with Formamide Derivatives and Tertiary Amides with Aliphatic Amines. Organic Letters, 2019, 21, 387-392. Macrolactamization Approaches to Arylomycin Antibiotics Core. Organic Letters, 2019, 21, 147-151. Microdroplets as Microreactors for Fast Synthesis of Ketoximes and Amides. Journal of Organic Chemistry, 2019, 84, 851-859.}}}	 3.3 3.6 2.7 4.6 4.6 3.2 	0 41 11 6 54 18
1073 1074 1075 1076 1077 1078 1079	12534-12546. Solutions 251 倓 300., 2019, , 721-863. Ocular penetration of fluorometholone-loaded PEC-PLGA nanoparticles functionalized with cell-penetrating peptides. Nanomedicine, 2019, 14, 3089-3104. Unwanted hydrolysis or 1±fl2-peptide bond formation: how long should the rate-limiting coupling step take?. RSC Advances, 2019, 9, 30720-30728. Process Development for a Locally Acting SGLT1 Inhibitor, LX2761, Utilizing sp ^{3 sp^{3 Sup>3€("sp² Suzuki Coupling of a Benzyl Carbonate. Organic Process Research and Development, 2019, 23, 45-61. Catalyst-Free Transamidation of Aromatic Amines with Formamide Derivatives and Tertiary Amides with Aliphatic Amines. Organic Letters, 2019, 21, 387-392. Macrolactamization Approaches to Arylomycin Antibiotics Core. Organic Letters, 2019, 21, 147-151. Microdroplets as Microreactors for Fast Synthesis of Ketoximes and Amides. Journal of Organic Chemistry, 2019, 84, 851-859. Identification of unexpected unlabeled <i>N,N Identification of unexpected unlabeled <i>N,N Value for agenetic for a for a could be a HATU4€mediated coupling reaction. Journal of Labelled Compounds and Radiopharmaceuticals, 2019, 62, 62-66.</i></i>}}	 3.3 3.6 2.7 4.6 4.6 3.2 1.0 	0 41 11 6 54 18 22 1

		CITATION REPORT		
#	Article		IF	CITATIONS
1082	Carbonyl Compoundsâ \in^2 Journey to Amide Bond Formation. Chemistry - an Asian Journal, 2019,	14, 344-388.	3.3	53
1083	Amide Bond Formation Catalyzed by Recyclable Copper Nanoparticles Supported on Zeolite Y un Mild Conditions. ChemCatChem, 2019, 11, 1487-1494.	nder	3.7	14
1084	Nanocellulose for gel electrophoresis. Journal of Colloid and Interface Science, 2019, 540, 148-1	54.	9.4	9
1085	A green chemistry perspective on catalytic amide bond formation. Nature Catalysis, 2019, 2, 10-	-17.	34.4	262
1086	Fabrication of a highly permeable composite nanofiltration membrane via interfacial polymerizat by adding a novel acyl chloride monomer with an anhydride group. Journal of Membrane Science 570-571, 403-409.	ion 9, 2019,	8.2	82
1087	An efficient synthesis of N-tert-butyl amides by the reaction of tert-butyl benzoate with nitriles catalyzed by Zn(ClO4)2·6H2O. Chemical Papers, 2019, 73, 535-542.		2.2	7
1088	Synthesis of Amides by Mild Palladium-Catalyzed Aminocarbonylation of Arylsilanes with Amines Enabled by Copper(II) Fluoride. Journal of Organic Chemistry, 2019, 84, 338-345.	;	3.2	34
1089	Citric acid stabilized on the surface of magnetic nanoparticles as an efficient and recyclable cata for transamidation of carboxamides, phthalimide, urea and thiourea with amines under neat conditions. Journal of the Iranian Chemical Society, 2019, 16, 393-400.	lyst	2.2	15
1090	Optimized synthesis, characterization and inÂvitro systematic evaluation of adamantane-doxoru prodrugs sensitive to pH in breast cancer cells. Journal of Molecular Structure, 2019, 1177, 143-	ıbicin 151.	3.6	8
1091	(η6-Benzene)Ru(II) half-sandwich complexes of pyrazolated chalcogenoethers for catalytic activa of aldehydes to amides transformation. Journal of Organometallic Chemistry, 2019, 879, 69-77.	ation	1.8	28
1092	Synthesis and Biological Evaluation of Some New Thiophene, Thiazole, Dithiolane Derivatives an Related Compounds. Polycyclic Aromatic Compounds, 2020, 40, 1445-1458.	d	2.6	5
1093	Acyl Fluorides in Lateâ€Transitionâ€Metal Catalysis. Angewandte Chemie - International Edition, 574-594.	2020, 59,	13.8	138
1094	Carbonsärefluoride in der Katalyse durch spÃæ Übergangsmetalle. Angewandte Chemie, 202 584-605.	0, 132,	2.0	25
1095	Enantioselective three-component Ugi reaction catalyzed by chiral phosphoric acid. Science Chir Chemistry, 2020, 63, 47-54.	าล	8.2	32
1096	Theoretical analysis of dynamic characteristics in linear compressors. International Journal of Refrigeration, 2020, 109, 114-127.		3.4	27
1097	Highly durable isotypic heterojunction generated by covalent cross-linking with organic linkers for improving visible-light-driven photocatalytic performance. Applied Catalysis B: Environmental, 20 260, 118182.	or)20,	20.2	20
1098	Biomimetic and bioinspired molecular electrets. How to make them and why does the establishe peptide chemistry not always work?. Pure and Applied Chemistry, 2020, 92, 275-299.	ď	1.9	6
1099	Noninvasive PET Imaging of CDK4/6 Activation in Breast Cancer. Journal of Nuclear Medicine, 20 437-442.	20, 61,	5.0	11

# 1100	ARTICLE Two new benzamides: Synthesis, spectroscopic characterization, X-ray diffraction, and electronic structure analyses, Journal of Molecular Structure, 2020, 1203, 127314	IF 3.6	CITATIONS 3
1101	Photoinduced Decarboxylative Aminoâ€Fluoroalkylation of Maleic Anhydride. Chemistry - A European Journal, 2020, 26, 419-422.	3.3	6
1102	Synthesis of chitosan iodoacetamides via carbodiimide coupling reaction: Effect of degree of substitution on the hemostatic properties. Carbohydrate Polymers, 2020, 229, 115522.	10.2	20
1103	Supramolecular Pd(II) complex of DPPF and dithiolate: An efficient catalyst for amino and phenoxycarbonylation using Co2(CO)8 as sustainable C1 source. Molecular Catalysis, 2020, 482, 110672.	2.0	9
1104	Bridging and Conformational Control of Porphyrin Units through Nonâ€Traditional Rigid Scaffolds. Chemistry - A European Journal, 2020, 26, 2405-2416.	3.3	7
1105	Functionalization of amino acids with aryl fluorosulfate for prodrug construction by SuFEx chemistry. Tetrahedron, 2020, 76, 130926.	1.9	2
1106	An unsymmetrical covalent organic polymer for catalytic amide synthesis. Dalton Transactions, 2020, 49, 179-186.	3.3	38
1107	Visible light-promoted copper catalyzed regioselective acetamidation of terminal alkynes by arylamines. Green Chemistry, 2020, 22, 1164-1170.	9.0	30
1108	Synthetic strategies to access staphylococcus auto-inducing peptides as quorum sensing modulators. Organic and Biomolecular Chemistry, 2020, 18, 379-390.	2.8	7
1109	Organophotoredoxâ€Mediated Amide Synthesis by Coupling Alcohol and Amine through Aerobic Oxidation of Alcohol. Chemistry - A European Journal, 2020, 26, 3703-3708.	3.3	15
1110	Buchwald–Hartwig cross-coupling of amides (transamidation) by selective N–C(O) cleavage mediated by air- and moisture-stable [Pd(NHC)(allyl)Cl] precatalysts: catalyst evaluation and mechanism. Catalysis Science and Technology, 2020, 10, 710-716.	4.1	57
1111	Dehydropeptide-based plasmonic magnetogels: a supramolecular composite nanosystem for multimodal cancer therapy. Journal of Materials Chemistry B, 2020, 8, 45-64.	5.8	27
1112	Synthesis and characterization of halloysite/graphene quantum dots magnetic nanocomposite as a new adsorbent for Pb(II) removal from water. Journal of Molecular Liquids, 2020, 300, 112345.	4.9	34
1113	Utilizing Copper-Mediated Deprotection of Selenazolidine for Cyclic Peptide Synthesis. Journal of Organic Chemistry, 2020, 85, 1731-1739.	3.2	9
1114	Copper catalyzed aryl amidation between N ^α -Fmoc-protected amino-acid azides and aryl boronic acids. Synthetic Communications, 2020, 50, 506-515.	2.1	1
1115	Visible Light-Induced Amide Bond Formation. Organic Letters, 2020, 22, 371-375.	4.6	57
1116	The effect of polar headgroups and spacer length on the DNA transfection of cholesterol-based cationic lipids. RSC Medicinal Chemistry, 2020, 11, 212-224.	3.9	15
1117	Phenysilane and Silicon Tetraacetate: Versatile Promotors for Amide Synthesis. European Journal of Organic Chemistry, 2020, 2020, 388-392.	2.4	21

#	Article	IF	CITATIONS
1118	A high yield method for the direct amidation of long hain fatty acids. International Journal of Chemical Kinetics, 2020, 52, 99-108.	1.6	7
1119	Transitionâ€Metalâ€Free Activation of Amides by Nâ^'C Bond Cleavage. Chemical Record, 2020, 20, 649-659.	5.8	75
1120	Catalytic Dehydrative Peptide Synthesis with <i>gem</i> -Diboronic Acids. ACS Catalysis, 2020, 10, 683-688.	11.2	50
1121	Synthesis of Cinnamides via Amidation Reaction of Cinnamic Acids with Tetraalkylthiuram Disulfides Under Simple Condition. European Journal of Organic Chemistry, 2020, 2020, 198-208.	2.4	6
1122	Direct Access to Chiral Secondary Amides by Copper-Catalyzed Borylative Carboxamidation of Vinylarenes with Isocyanates. Journal of the American Chemical Society, 2020, 142, 623-632.	13.7	63
1123	Wellâ€defined Nâ€heterocyclic carbene/ruthenium complexes for the alcohol amidation with amines: The dual role of cesium carbonate and improved activities applying an added ligand. Applied Organometallic Chemistry, 2020, 34, e5323.	3.5	13
1124	Organonitrogen Chemicals from Oxygen-Containing Feedstock over Heterogeneous Catalysts. ACS Catalysis, 2020, 10, 311-335.	11.2	96
1125	Synthesis of carboxamide and sulfonyl carboxamide linked heterocycles under green conditions. Arkivoc, 2020, 2019, 43-54.	0.5	0
1126	ATP Regeneration System in Chemoenzymatic Amide Bond Formation with Thermophilic CoA Ligase. ChemCatChem, 2020, 12, 1184-1189.	3.7	14
1127	Flowâ€based <scp>SPPS</scp> for protein synthesis: A perspective. Peptide Science, 2020, 112, e24198.	1.8	15
1128	Visible-Light Photocatalytic Functionalization of Isocyanides for the Synthesis of Secondary Amides and Ketene Aminals. Journal of Organic Chemistry, 2020, 85, 14077-14086.	3.2	13
1129	Solution-Phase Fmoc-Based Peptide Synthesis for DNA-Encoded Chemical Libraries: Reaction Conditions, Protecting Group Strategies, and Pitfalls. ACS Combinatorial Science, 2020, 22, 833-843.	3.8	14
1130	Synthesis of Alkynyl Ketones by Sonogashira Cross-Coupling of Acyl Chlorides with Terminal Alkynes Mediated by Palladium Catalysts Deposited over Donor-Functionalized Silica Gel. Catalysts, 2020, 10, 1186.	3.5	1
1131	Electro-inductive effect: Electrodes as functional groups with tunable electronic properties. Science, 2020, 370, 214-219.	12.6	67
1132	Synthesis and Structure-Activity Relationship of 1-(2-Furoyl)Piperazine Bearing Benzamides as Butyrylcholinesterase Inhibitors. Pharmaceutical Chemistry Journal, 2020, 54, 596-603.	0.8	1
1133	DNA-Encoded Chemistry: Drug Discovery from a Few Good Reactions. Chemical Reviews, 2021, 121, 7155-7177.	47.7	113
1134	Grafting Activated Graphene Oxide Nanosheets onto Ultrafiltration Membranes Using Polydopamine to Enhance Antifouling Properties. ACS Applied Materials & Interfaces, 2020, 12, 48179-48187.	8.0	24
1135	Enhancement of laccase immobilization onto wet chitosan microspheres using an iterative protocol and its potential to remove micropollutants. Journal of Environmental Management, 2020, 276, 111326.	7.8	26

#	Article	IF	CITATIONS
1136	Solvent-free K–CaO/Ca(OH)2 mixed-phase nanocatalytic single-step methanolysis, ethanolysis and aminolysis of Pongamia pinnata triglycerides. Sustainable Chemistry and Pharmacy, 2020, 18, 100317.	3.3	3
1137	An unprecedented cobalt-catalyzed selective aroylation of primary amines with aroyl peroxides. Tetrahedron Letters, 2020, 61, 152399.	1.4	5
1138	Mechanochemical Synthesis of Amides with Uronium-Based Coupling Reagents: A Method for Hexa-amidation of Biotin[6]uril. ACS Sustainable Chemistry and Engineering, 2020, 8, 15703-15715.	6.7	29
1139	Amide Bond Bioisosteres: Strategies, Synthesis, and Successes. Journal of Medicinal Chemistry, 2020, 63, 12290-12358.	6.4	261
1140	Visible-Light Photoredox-Catalyzed Amidation of Benzylic Alcohols. Journal of Organic Chemistry, 2020, 85, 11679-11687.	3.2	19
1141	Promising new catalytic properties of a Co (II)â€carboxamide complex and its derived Co ₃ O ₄ nanoparticles for the Mizorokiâ€Heck and the Epoxidation reactions. Applied Organometallic Chemistry, 2020, 34, e5911.	3.5	7
1142	Synthesis of 2-deoxy- <scp>d</scp> -glucose coated Fe ₃ O ₄ nanoparticles for application in targeted delivery of the Pt(<scp>iv</scp>) prodrug of cisplatin – a novel approach in chemotherapy. New Journal of Chemistry, 2020, 44, 13863-13874.	2.8	1
1143	Decarboxylative/Oxidative Amidation of Aryl α-Ketocarboxylic Acids with Nitroarenes and Nitroso Compounds in Aqueous Medium. Organic Letters, 2020, 22, 9381-9385.	4.6	13
1144	An organocatalytic C–C bond cleavage approach: a metal-free and peroxide-free facile method for the synthesis of amide derivatives. New Journal of Chemistry, 2020, 44, 20940-20944.	2.8	11
1145	Synthesis of carboxamide and sulfonyl carboxamide linked azoles under green conditions. AIP Conference Proceedings, 2020, , .	0.4	0
1146	Rapid, High-Yielding Solid-Phase Synthesis of Cathepsin-B Cleavable Linkers for Targeted Cancer Therapeutics. Bioconjugate Chemistry, 2020, 31, 2685-2690.	3.6	9
1147	Copper(I)-Catalyzed Asymmetric 1,4-Conjugate Hydrophosphination of α,β-Unsaturated Amides. Journal of the American Chemical Society, 2020, 142, 20098-20106.	13.7	104
1148	Oxidative Amidation of Aldehydes with Amines Catalysed by Fe(II) – Hydride Complex and N―Heterocyclic Carbenes (NHC). ChemistrySelect, 2020, 5, 9417-9423.	1.5	8
1149	Peptide Bond-Forming Reaction via Amino Acid Silyl Esters: New Catalytic Reactivity of an Aminosilane. ACS Catalysis, 2020, 10, 9594-9603.	11.2	33
1150	Amidation of Aldehydes with Amines under Mild Conditions Using Metalâ€Organic Framework Derived NiO@Ni Mottâ€6chottky Catalyst. ChemCatChem, 2020, 12, 5743-5749.	3.7	20
1151	Getting the Classroom Closer to Research Work: Undergraduate Students Prepare <i>N</i> -Hexylcinnamamide. Journal of Chemical Education, 2020, 97, 2366-2369.	2.3	4
1152	Determination of association constants and FRET in hydrazide-based molecular duplex strands. Organic Chemistry Frontiers, 2020, 7, 2419-2425.	4.5	1
1153	Palladium catalyzed carbonylative generation of potent, pyridine-based acylating electrophiles for the functionalization of arenes to ketones. Chemical Science, 2020, 11, 8610-8616.	7.4	8

#	Article	IF	CITATIONS
1154	Improved Scale-up Synthesis and Purification of Clinical Asthma Candidate MIDD0301. Organic Process Research and Development, 2020, 24, 1467-1476.	2.7	9
1155	Simple Synthesis of Amides via Their Acid Chlorides in Aqueous TPCS-750-M. Organic Process Research and Development, 2020, 24, 1543-1548.	2.7	23
1156	Palladiumâ€Catalyzed Desulfurative Amide Formation from Thioureas and Arylboronic Acids. ChemCatChem, 2020, 12, 5664-5668.	3.7	7
1157	Amine-boranes as Dual-Purpose Reagents for Direct Amidation of Carboxylic Acids. Organic Letters, 2020, 22, 8593-8597.	4.6	26
1158	Room temperature clickable coupling electron deficient amines with sterically hindered carboxylic acids for the construction of amides. Tetrahedron, 2020, 76, 131724.	1.9	5
1159	New half-sandwich (η6-p-cymene)ruthenium(II) complexes with benzothiazole hydrazone Schiff base ligand: Synthesis, structural characterization and catalysis in transamidation of carboxamide with primary amines. Journal of Organometallic Chemistry, 2020, 929, 121555.	1.8	11
1160	Half-Sandwich Iridium Complexes for the One-Pot Synthesis of Amides: Preparation, Structure, and Diverse Catalytic Activity. Inorganic Chemistry, 2020, 59, 16582-16590.	4.0	12
1161	Asymmetric Synthesis of Nabscessin A from Inositol and <scp>d</scp> -Camphor. Journal of Organic Chemistry, 2020, 85, 13153-13159.	3.2	4
1162	Recent developments in dehydration of primary amides to nitriles. Organic Chemistry Frontiers, 2020, 7, 3792-3814.	4.5	33
1163	Direct amide formation in a continuous-flow system mediated by carbon disulfide. Catalysis Science and Technology, 2020, 10, 7814-7818.	4.1	5
1164	Microwave-assisted synthesis of <i>meso</i> -carboxyalkyl-BODIPYs and an application to fluorescence imaging. Organic and Biomolecular Chemistry, 2020, 18, 7876-7883.	2.8	6
1165	Copper atalyzed Carbonylative Hydroamidation of Styrenes to Branched Amides. Angewandte Chemie - International Edition, 2020, 59, 22441-22445.	13.8	50
1166	A Facile and Reproducible Synthesis of Near-Infrared Fluorescent Conjugates with Small Targeting Molecules for Microbial Infection Imaging. ACS Omega, 2020, 5, 22071-22080.	3.5	6
1167	Copper atalyzed Carbonylative Hydroamidation of Styrenes to Branched Amides. Angewandte Chemie, 2020, 132, 22627-22631.	2.0	14
1168	Copper-catalyzed aerobic oxidative C–C bond cleavage of simple ketones for the synthesis of amides. Organic and Biomolecular Chemistry, 2020, 18, 6958-6964.	2.8	14
1169	Synthesis of Acyl Fluorides via DAST-Mediated Fluorinative C–C Bond Cleavage of Activated Ketones. Organic Letters, 2020, 22, 7465-7469.	4.6	26
1170	Structure–Property Relationship Study of <i>N</i> -(Hydroxy)Peptides for the Design of Self-Assembled Parallel β-Sheets. Journal of Organic Chemistry, 2020, 85, 12329-12342.	3.2	3
1171	N-Halamine Hydantoin-Containing Chitosan: Synthesis, Characterization, Thermal and Photolytic Stability Studies. Molecules, 2020, 25, 3728.	3.8	3

#	Article	IF	CITATIONS
1172	Stereoselective Formal Hydroamidation of Si-Substituted Arylacetylenes with DIBAL-H and Isocyanates: Synthesis of (<i>E</i>)- and (<i>Z</i>)-α-Silyl-α,β-unsaturated Amides. Journal of Organic Chemistry, 2020, 85, 12024-12035.	3.2	10
1173	Tert-butyl-(4-hydroxy-3-((3-(2-methylpiperidin-yl)propyl)carbamoyl)phenyl)carbamate Has Moderated Protective Activity in Astrocytes Stimulated with Amyloid Beta 1-42 and in a Scopolamine Model. Molecules, 2020, 25, 5009.	3.8	1
1174	Polymer–Lipid Hybrid Membranes as a Model Platform to Drive Membrane–Cytochrome <i>c</i> Interaction and Peroxidase-like Activity. Journal of Physical Chemistry B, 2020, 124, 4454-4465.	2.6	14
1175	Direct synthesis of amides from nonactivated carboxylic acids using urea as nitrogen source and Mg(NO ₃) ₂ or imidazole as catalysts. Chemical Science, 2020, 11, 5808-5818.	7.4	29
1176	Oneâ€Pot Synthesis of Enantioenriched βâ€Amino Secondary Amides via an Enantioselective [4+2] Cycloaddition Reaction of Vinyl Azides with <i>N</i> â€Acyl Imines Catalyzed by a Chiral BrÃ,nsted Acid. Chemistry - A European Journal, 2020, 26, 8230-8234.	3.3	11
1177	Catalytic Oxidation of Alcohols and Amines to Valueâ€Added Chemicals using Water as the Solvent. Chemistry - an Asian Journal, 2020, 15, 1916-1936.	3.3	24
1178	A perspective on environmentally benign protocols of thiazole synthesis. Chemistry of Heterocyclic Compounds, 2020, 56, 455-463.	1.2	15
1179	Nâ€Heterocyclic Carbene/Cobalt Cooperative Catalysis for the Chemo―and Regioselective Câ^'N Bond Formation between Aldehyde and Amines/Amides. ChemCatChem, 2020, 12, 4281-4287.	3.7	1
1180	Pd-catalyzed fluoro-carbonylation of aryl, vinyl, and heteroaryl iodides using 2-(difluoromethoxy)-5-nitropyridine. Communications Chemistry, 2020, 3, .	4.5	9
1181	Molecular design and structural characterization of photoresponsive azobenzene-based polyamide units. Dyes and Pigments, 2020, 180, 108501.	3.7	15
1182	Amide Synthesis through the In Situ Generation of Chloro- and Imido-Phosphonium Salts. ACS Omega, 2020, 5, 15734-15745.	3.5	8
1183	Fast Amide Couplings in Water: Extraction, Column Chromatography, and Crystallization Not Required. Organic Letters, 2020, 22, 5737-5740.	4.6	53
1184	Enhancement in Oral Absorption of Ceftriaxone by Highly Functionalized Magnetic Iron Oxide Nanoparticles. Pharmaceutics, 2020, 12, 492.	4.5	14
1185	Amide Synthesis by Transamidation of Primary Carboxamides. Synthesis, 2020, 52, 3231-3242.	2.3	21
1186	Tuning the nitrogen content of carbon dots in carbon nitride nanoflakes. Carbon, 2020, 167, 230-243.	10.3	15
1187	Ir ^{III} -Catalyzed direct syntheses of amides and esters using nitriles as acid equivalents: a photochemical pathway. New Journal of Chemistry, 2020, 44, 5303-5308.	2.8	7
1188	Lerisetron Analogues with Antimalarial Properties: Synthesis, Structure–Activity Relationship Studies, and Biological Assessment. ACS Omega, 2020, 5, 6967-6982.	3.5	10
1189	Incorporation of amino moiety to alepterolic acid improve activity against cancer cell lines: Synthesis and biological evaluation. Bioorganic Chemistry, 2020, 98, 103756.	4.1	8

#	Article	IF	CITATIONS
1190	Pd/C-Catalyzed Carbonylative Synthesis of α-Carbonyl-α′-Amide Sulfoxonium Ylides from Azides. Journal of Organic Chemistry, 2020, 85, 5733-5740.	3.2	12
1191	Synthesis and Antichlamydial Activity of Molecules Based on Dysregulators of Cylindrical Proteases. Journal of Medicinal Chemistry, 2020, 63, 4370-4387.	6.4	7
1192	Non-Catalytic Benefits of Ni(II) Binding to an Si(111)-PNP Construct for Photoelectrochemical Hydrogen Evolution Reaction: Metal Ion Induced Flat Band Potential Modulation. Journal of the American Chemical Society, 2020, 142, 5657-5667.	13.7	24
1193	Dendrimer-like AB2-type star polymers as nanocarriers for doxorubicin delivery to breast cancer cells: synthesis, characterization, in-vitro release and cytotoxicity studies. Journal of Polymer Research, 2020, 27, 1.	2.4	10
1194	Bone Morphogenetic Protein-2 Conjugated to Quantum Dot®s is Biologically Functional. Nanomaterials, 2020, 10, 1208.	4.1	8
1195	Impact of Biomass Sources on Acoustic-Based Chemical Functionalization of Biochars for Improved CO ₂ Adsorption. Energy & Fuels, 2020, 34, 8608-8627.	5.1	7
1196	Structure-based design, semi-synthesis and anti-inflammatory activity of tocotrienolic amides as 5-lipoxygenase inhibitors. European Journal of Medicinal Chemistry, 2020, 202, 112518.	5.5	9
1197	Amide Synthesis by Nickel/Photoredox atalyzed Direct Carbamoylation of (Hetero)Aryl Bromides. Angewandte Chemie - International Edition, 2020, 59, 5248-5253.	13.8	81
1198	Modular Approach to the Functionalization of Polymersomes. Biomacromolecules, 2020, 21, 1853-1864.	5.4	18
1199	Harnessing and engineering amide bond forming ligases for the synthesis of amides. Current Opinion in Chemical Biology, 2020, 55, 77-85.	6.1	36
1200	Aerobic oxidation of primary benzylic amines to amides and nitriles catalyzed by ruthenium carbonyl clusters carrying N,O-bidentate ligands. Dalton Transactions, 2020, 49, 3480-3487.	3.3	11
1201	Oneâ€pot solventâ€free transformation of natural triglycerides to ester and amide derivatives over CaO@KC nanostructured catalysts. International Journal of Energy Research, 2020, 44, 4568-4585.	4.5	3
1202	Amide Synthesis by Nickel/Photoredox atalyzed Direct Carbamoylation of (Hetero)Aryl Bromides. Angewandte Chemie, 2020, 132, 5286-5291.	2.0	29
1203	Nickel-catalyzed reductive amidation of aryl-triazine ethers. Chemical Communications, 2020, 56, 1992-1995.	4.1	10
1204	Materials design and sensing mechanism of novel calix[6]arene composite for sensitively detecting amine drugs. Chinese Chemical Letters, 2020, 31, 2129-2132.	9.0	13
1205	Structural relationships for the design of responsive azobenzene-based lyotropic liquid crystals. Physical Chemistry Chemical Physics, 2020, 22, 4086-4095.	2.8	8
1206	Copperâ€Catalyzed Direct Carbamoylation of Quinoxalinâ€2(1 <i>H</i>)â€ones with Hydrazinecarboxamides Under Mild Conditions. European Journal of Organic Chemistry, 2020, 2020, 1141-1144.	2.4	15
1207	Palladium-catalyzed carbonylative synthesis of \hat{I}_{\pm}, \hat{I}^2 -unsaturated amides from aryl azides and alkenylaluminum reagent. Journal of Catalysis, 2020, 383, 160-163.	6.2	12

#	Article	IF	CITATIONS
1208	Ultrafast amidation of esters using lithium amides under aerobic ambient temperature conditions in sustainable solvents. Chemical Science, 2020, 11, 6500-6509.	7.4	33
1209	Silver-catalyzed direct C–H oxidative carbamoylation of quinolines with oxamic acids. Organic and Biomolecular Chemistry, 2020, 18, 2747-2757.	2.8	16
1210	Glycoconjugation as a Promising Treatment Strategy for Psoriasis. Journal of Pharmacology and Experimental Therapeutics, 2020, 373, 204-212.	2.5	7
1211	Microwave-Assisted Catalytic Method for a Green Synthesis of Amides Directly from Amines and Carboxylic Acids. Molecules, 2020, 25, 1761.	3.8	25
1212	A sustainable strategy for the assembly of Glypromate® and its structurally-related analogues by tandem sequential peptide coupling. Green Chemistry, 2020, 22, 3584-3596.	9.0	3
1213	2â€Chloroimidazolium Chloride as a Coupling Reagent for Amide Bond Formation. ChemistrySelect, 2020, 5, 4596-4600.	1.5	4
1214	Aqueous-Organic Phase Transfer of Iron Oxide@Iron Carbide Nanoparticles Using Amide-Amine Modified Oleic Acid. MRS Advances, 2020, 5, 2075-2083.	0.9	1
1215	DABCO as a Base and an Organocatalyst in Organic Synthesis: A Review. Current Green Chemistry, 2020, 7, 146-162.	1.1	24
1216	Efficient synthesis of dipeptide analogues of α-fluorinated β-aminophosphonates. Beilstein Journal of Organic Chemistry, 2020, 16, 756-762.	2.2	8
1217	Experimental study and modelling of effective parameters on removal of Cd(II) from water by halloysite/graphene quantum dots magnetic nanocomposite as an adsorbent using response surface methodology. Applied Organometallic Chemistry, 2020, 34, e5640.	3.5	16
1218	Immobilized Carbodiimide Assisted Flow Combinatorial Protocol to Facilitate Amide Coupling and Lactamization. ACS Combinatorial Science, 2020, 22, 255-267.	3.8	8
1219	Synthesis and biological evaluation of new indole and pyrrole carboxamides based on amino acids. Arkivoc, 2020, 2019, 163-175.	0.5	1
1220	Structure-based drug design, synthesis and screening of MmaA1 inhibitors as novel anti-TB agents. Molecular Diversity, 2021, 25, 351-366.	3.9	11
1221	Chemoselective Amideâ€Forming Ligation Between Acylsilanes and Hydroxylamines Under Aqueous Conditions. Angewandte Chemie, 2021, 133, 7100-7105.	2.0	2
1222	A General and Highly Selective Palladiumâ€Catalyzed Hydroamidation of 1,3â€Diynes. Angewandte Chemie, 2021, 133, 375-383.	2.0	7
1223	Reagent-free aerobic oxidative synthesis of amides from aldehydes and isothiocyanates. Organic Chemistry Frontiers, 2021, 8, 697-701.	4.5	17
1224	Nanomolar detection of mercury(II) using electropolymerized phthalocyanine film. Electrochimica Acta, 2021, 367, 137519.	5.2	39
1225	Traceless selenocarboxylates for the one-pot synthesis of amides and derivatives. Tetrahedron, 2021, 79, 131834.	1.9	2

#	Article	IF	CITATIONS
1226	Efficient and accessible silane-mediated direct amide coupling of carboxylic acids and amines. Green Chemistry, 2021, 23, 288-295.	9.0	20
1227	Isocyanide-based consecutive Bargellini/Ugi reactions: an efficient method for the synthesis of pseudo-peptides containing three amide bonds. Amino Acids, 2021, 53, 1-10.	2.7	12
1228	Modular Hydrogen Peroxide Electrosynthesis Cell with Anthraquinone-Modified Polyaniline Electrocatalyst. ACS ES&T Engineering, 2021, 1, 446-455.	7.6	19
1229	A Broadâ€Spectrum Catalytic Amidation of Sulfonyl Fluorides and Fluorosulfates**. Angewandte Chemie - International Edition, 2021, 60, 7397-7404.	13.8	48
1230	Molecular engineering of 1,3,5-triaryl-2-pyrazoline fluorescent logic systems responsive to acidity and oxidisability and attachment to polymer beads. Molecular Systems Design and Engineering, 2021, 6, 93-99.	3.4	14
1231	Synthesis of Quinolineâ€4â€carboxamides and Quinolineâ€4â€carboxylates via a Modified Pfitzinger Reaction of <i>N</i> â€Vinylisatins. European Journal of Organic Chemistry, 2021, 2021, 637-647.	2.4	4
1232	Cobaltâ€Catalyzed 1,4â€Aryl Migration/Desulfonylation Cascade: Synthesis of αâ€Aryl Amides. Chemistry - A European Journal, 2021, 27, 4004-4008.	3.3	10
1233	Synthesis of amide derivatives for electron deficient amines and functionalized carboxylic acids using EDC and DMAP and a catalytic amount of HOBt as the coupling reagents. Tetrahedron Letters, 2021, 63, 152719.	1.4	24
1234	Chemoselective Amideâ€Forming Ligation Between Acylsilanes and Hydroxylamines Under Aqueous Conditions. Angewandte Chemie - International Edition, 2021, 60, 7024-7029.	13.8	14
1235	1,2,4â€Oxadiazole Topsentin Analogs with Antiproliferative Activity against Pancreatic Cancer Cells, Targeting GSK3β Kinase. ChemMedChem, 2021, 16, 537-554.	3.2	33
1236	A General and Highly Selective Palladium atalyzed Hydroamidation of 1,3â€Diynes. Angewandte Chemie - International Edition, 2021, 60, 371-379.	13.8	26
1237	Research Progress in C(sp3)—H Functionalization Reaction via Molecular Iodine-Catalyzed Oxidation. Chinese Journal of Organic Chemistry, 2021, 41, 1359.	1.3	2
1238	Selective Utilization of N-acetyl Groups in Chitin for Transamidation of Amines. Frontiers in Chemical Engineering, 2021, 2, .	2.7	3
1239	Catalytic base-controlled regiodivergent heteronucleophilic hydrofunctionalization of β,γ-unsaturated amides. Chemical Communications, 2021, 57, 9756-9759.	4.1	6
1240	Synthesis and biological evaluations of new pyrazole hydrazides as potent anti-microbial agent. Materials Today: Proceedings, 2021, 45, 7132-7137.	1.8	1
1241	Aerobic oxidation of primary amines to amides catalyzed by an annulated mesoionic carbene (MIC) stabilized Ru complex. Catalysis Science and Technology, 2021, 11, 7018-7028.	4.1	6
1242	Efficient Synthesis of Biologically Active Peptides Based on Micro-flow Amide Bond Formation. , 2021, , 139-160.		0
1243	Oxidative peptide bond formation of glycine–amino acid using 2-(aminomethyl)malononitrile as a glycine unit. Chemical Communications, 2021, 57, 4283-4286.	4.1	6

#	Article	IF	CITATIONS
1244	Metal-free approach for hindered amide-bond formation with hypervalent iodine(<scp>iii</scp>) reagents: application to hindered peptide synthesis. Green Chemistry, 2021, 23, 848-855.	9.0	18
1245	Lactic Acid-Catalyzed Transamidation Reactions of Carboxamides with Amines. Chinese Journal of Organic Chemistry, 2021, 41, 2310.	1.3	1
1246	Application in nutrition: mineral binding. , 2021, , 455-494.		1
1247	Recent Advances in Ynamide Coupling Reagent. Chinese Journal of Organic Chemistry, 2021, 41, 873.	1.3	11
1248	Visible light-mediated synthesis of amides from carboxylic acids and amine-boranes. Green Chemistry, 2021, 23, 3595-3599.	9.0	27
1249	Copper-catalyzed transformation of alkyl nitriles to <i>N</i> -arylacetamide using diaryliodonium salts. RSC Advances, 2021, 11, 15885-15889.	3.6	3
1250	A practical and sustainable protocol for direct amidation of unactivated esters under transition-metal-free and solvent-free conditions. Green Chemistry, 2021, 23, 3972-3982.	9.0	23
1251	Mechanistic insights into the palladium-catalyzed hydroaminocarbonylation of alkenes. New Journal of Chemistry, 2021, 45, 7516-7522.	2.8	1
1252	Chemoselective Cu-catalyzed synthesis of diverse <i>N</i> -arylindole carboxamides, β-oxo amides and <i>N</i> -arylindole-3-carbonitriles using diaryliodonium salts. Organic and Biomolecular Chemistry, 2021, 19, 1109-1114.	2.8	9
1253	Visible Lightâ€Driven Efficient Synthesis of Amides from Alcohols using Cuâ^'Nâ^'TiO ₂ Heterogeneous Photocatalyst. European Journal of Organic Chemistry, 2021, 2021, 657-662.	2.4	9
1254	Amide bond formation: beyond the dilemma between activation and racemisation. Chemical Communications, 2021, 57, 6346-6359.	4.1	27
1255	<i>N</i> -Heterocyclic carbene (NHC) catalyzed amidation of aldehydes with amines <i>via</i> the tandem <i>N</i> -hydroxysuccinimide ester formation. New Journal of Chemistry, 2021, 45, 7486-7490.	2.8	9
1256	Robotized algal cells and their multiple functions. Soft Matter, 2021, 17, 3047-3054.	2.7	7
1257	Direct amidation of acid fluorides using germanium amides. Dalton Transactions, 2021, 50, 4490-4493.	3.3	4
1258	Silicon compounds as stoichiometric coupling reagents for direct amidation. Organic and Biomolecular Chemistry, 2021, 19, 6746-6760.	2.8	16
1259	Copper-Catalyzed Decarboxylative Cross-Coupling of Carboxylic Acids and Arylcarbamoyl Chlorides. Chinese Journal of Organic Chemistry, 2021, 41, 1146.	1.3	0
1260	Investigation of a Single Tail Lysine Rich Peptide Amphiphile with an Ultra Short Peptide Head for its Nano Scale Self-assembly and Drug Loading Potential. Journal of Cluster Science, 2022, 33, 151-161.	3.3	0
1261	A Broadâ€Spectrum Catalytic Amidation of Sulfonyl Fluorides and Fluorosulfates**. Angewandte Chemie, 2021, 133, 7473-7480	2.0	4

#	Article	IF	CITATIONS
1262	Preparation and application of lysozyme aptamer fibre for specific recognition of lysozyme in food samples. Food Analytical Methods, 2021, 14, 1464-1471.	2.6	3
1263	BrÃnsted Acid Organocatalyzed Three-Component Hydroamidation Reactions of Vinyl Ethers. Journal of Organic Chemistry, 2021, 86, 4171-4181.	3.2	2
1264	Controlled Relay Process to Access N-Centered Radicals for Catalyst-free Amidation of Aldehydes under Visible Light. CheM, 2021, 7, 495-508.	11.7	26
1265	C–H Amidation and Amination of Arenes and Heteroarenes with Amide and Amine using Cu-MnO as a Reusable Catalyst under Mild Conditions. Journal of Organic Chemistry, 2021, 86, 3261-3275.	3.2	12
1266	Synthesis, characterization, in vitro biological and molecular docking evaluation of N,N'-(ethane-1,2-diyl)bis(benzamides). Journal of the Iranian Chemical Society, 2021, 18, 2425-2436.	2.2	4
1267	Palladium Catalyzed Cascade Azidation/Carbonylation of Aryl Halides with Sodium Azide for the Synthesis of Amides. Chemistry - an Asian Journal, 2021, 16, 503-506.	3.3	9
1268	Photocatalyst-Free, Visible-Light-Mediated C(sp ³)–H Arylation of Amides via a Solvent-Caged EDA Complex. Organic Letters, 2021, 23, 2002-2006.	4.6	31
1269	Robust superhydrophilic depth filter and oil/water separation device with pressure control system for continuous oily water treatment on a large scale. Separation and Purification Technology, 2021, 256, 117779.	7.9	21
1270	Palladium Catalyzed Aminocarbonylation of Benzylic Ammonium Triflates with Nitroarenes: Synthesis of Phenylacetamides. Advanced Synthesis and Catalysis, 2021, 363, 2061-2065.	4.3	16
1271	Rational Design and Synthesis of Selective PRMT4 Inhibitors: A New Chemotype for Development of Cancer Therapeutics**. ChemMedChem, 2021, 16, 1116-1125.	3.2	4
1272	Photoinduced Metal-Free α-C(sp ³)–H Carbamoylation of Saturated <i>Aza</i> -Heterocycles via Rationally Designed Organic Photocatalyst. ACS Catalysis, 2021, 11, 3466-3472.	11.2	40
1273	Enzymkatalysierte spÃæ Modifizierungen: Besser spÃæals nie. Angewandte Chemie, 2021, 133, 16962-16993.	2.0	11
1274	Synthesis of New Substituted Diamides. Investigation of Their Antioxidant and Antibacterial Properties. Russian Journal of Bioorganic Chemistry, 2021, 47, 543-551.	1.0	2
1275	Two-Dimensional Barriers for Probing Conformational Shifts in Macrocycles. Journal of the American Chemical Society, 2021, 143, 5166-5171.	13.7	9
1276	Radical-Mediated Activation of Esters with a Copper/Selectfluor System: Synthesis of Bulky Amides and Peptides. Journal of Organic Chemistry, 2021, 86, 5401-5411.	3.2	12
1277	A Practical Transferring Method from Batch to Flow Synthesis of Dipeptides via Acid Chloride Assisted by Simulation of the Reaction Rate. Chemistry Letters, 2021, 50, 1254-1258.	1.3	4
1278	Design of Bioelectrochemical Interfaces Assisted by Molecular Dynamics Simulations. , 0, , .		2
1279	A Doubly Kinetically-Gated Information Ratchet Autonomously Driven by Carbodiimide Hydration. Journal of the American Chemical Society, 2021, 143, 4414-4420.	13.7	55

#	Article	IF	CITATIONS
1280	Enzymatic Late tage Modifications: Better Late Than Never. Angewandte Chemie - International Edition, 2021, 60, 16824-16855.	13.8	75
1281	Zinc Hydride Catalyzed Chemoselective Hydroboration of Isocyanates: Amide Bond Formation and C=O Bond Cleavage. Angewandte Chemie, 2021, 133, 12098-12107.	2.0	11
1282	Ammonia-borane as a Catalyst for the Direct Amidation of Carboxylic Acids. Organic Letters, 2021, 23, 2938-2942.	4.6	25
1283	Deoxyfluorination of Carboxylic Acids with KF and Highly Electron-Deficient Fluoroarenes. Journal of Organic Chemistry, 2021, 86, 6066-6074.	3.2	15
1284	One-Pot Synthesis of Tertiary Amides from Organic Trichlorides through Oxygen Atom Incorporation from Air by Convergent Paired Electrolysis. Journal of Organic Chemistry, 2021, 86, 5983-5990.	3.2	20
1286	Magnetic Particle Self-Assembly at Functionalized Interfaces. Langmuir, 2021, 37, 4064-4071.	3.5	10
1287	Beyond ribose and phosphate: Selected nucleic acid modifications for structure–function investigations and therapeutic applications. Beilstein Journal of Organic Chemistry, 2021, 17, 908-931.	2.2	20
1288	Zinc Hydride Catalyzed Chemoselective Hydroboration of Isocyanates: Amide Bond Formation and C=O Bond Cleavage. Angewandte Chemie - International Edition, 2021, 60, 11991-12000.	13.8	39
1289	Photochemical Activation of Aromatic Aldehydes: Synthesis of Amides, Hydroxamic Acids and Esters. Chemistry - A European Journal, 2021, 27, 7915-7922.	3.3	23
1290	Pd-Catalyzed Oxidative Aminocarbonylation of Arylboronic Acids with Unreactive Tertiary Amines via C–N Bond Activation. Journal of Organic Chemistry, 2021, 86, 14028-14035.	3.2	14
1291	Simultaneous ultrasound- and microwave-assisted one-pot â€̃click' synthesis of 3-formyl-indole clubbed 1,2,3-triazole derivatives and their biological evaluation. Molecular Diversity, 2022, 26, 963-979.	3.9	15
1292	Peptide Bond Formation of Amino Acids by Transient Masking with Silylating Reagents. Journal of the American Chemical Society, 2021, 143, 6792-6797.	13.7	24
1293	<i>N</i> -Chloro- <i>N</i> -sodio-carbamates as a Practical Amidating Reagent for Scalable and Sustainable Amidation of Aldehydes under Visible Light. Organic Process Research and Development, 2021, 25, 1176-1183.	2.7	8
1294	Transitionâ€metalâ€catalyzed dehydrogenative coupling of alcohols and amines: A novel and atomâ€economical access to amides. Journal of the Chinese Chemical Society, 2021, 68, 723-737.	1.4	25
1295	SOLVENT-FREE SYNTHESIS OF AMIDE: A NOVEL TECHNIQUE OF GREEN CHEMISTRY. Asian Journal of Pharmaceutical and Clinical Research, 0, , 99-102.	0.3	2
1296	Improving the reaction efficiency of condensation amidation of piperazine with benzoic acid based on kinetics study in microreactors. Journal of Flow Chemistry, 0, , 1.	1.9	2
1297	Synthesis, Biological Evaluation and Molecular Docking of Novel N-Acyl/Aroyl Spiro[Chromane-2,4â€2-Piperidin]-4(3H)-One as Potent Anti-Microbial Agents. Polycyclic Aromatic Compounds, 0, , 1-17.	2.6	3
1298	Cu-Catalyzed Arylation of Bromo-Difluoro-Acetamides by Aryl Boronic Acids, Aryl Trialkoxysilanes and Dimethyl-Aryl-Sulfonium Salts: New Entries to Aromatic Amides. Molecules, 2021, 26, 2957.	3.8	5

#	Article	IF	CITATIONS
1299	Exploring Cyclic Sulfamidate Building Blocks for the Synthesis of Sequenceâ€Defined Macromolecules. Macromolecular Rapid Communications, 2021, 42, e2100193.	3.9	5
1300	Ligand-free copper-catalyzed direct amidation of diaryliodonium salts using nitriles as amidation reagents. Tetrahedron Letters, 2021, 71, 153048.	1.4	7
1301	Synthesis and Modeling of Ezetimibe Analogues. Molecules, 2021, 26, 3107.	3.8	6
1302	Double-Carrousel Mechanism for Mn-Catalyzed Dehydrogenative Amide Synthesis from Alcohols and Amines. ACS Catalysis, 2021, 11, 6155-6161.	11.2	19
1303	(Macro)molecular self-assembly for hydrogel drug delivery. Advanced Drug Delivery Reviews, 2021, 172, 275-295.	13.7	92
1304	Palladium-Catalyzed Markovnikov Hydroaminocarbonylation of 1,1-Disubstituted and 1,1,2-Trisubstituted Alkenes for Formation of Amides with Quaternary Carbon. Journal of the American Chemical Society, 2021, 143, 7298-7305.	13.7	42
1305	Kinetics of Non-Enzymatic Synthesis of Dipeptide Cbz-Phe-Leu with AOT Reversed Micelles. Processes, 2021, 9, 1003.	2.8	0
1306	UV-Light-Induced N-Acylation of Amines with α-Diketones. Organic Letters, 2021, 23, 5329-5333.	4.6	10
1307	Synthesis and Application of Ionic Liquidâ€Supported Carbodiimides. ChemistrySelect, 2021, 6, 6275-6279.	1.5	2
1308	Catalytic and non-catalytic amidation of carboxylic acid substrates. Molecular Diversity, 2022, 26, 1311-1344.	3.9	13
1309	A Molecular Iron-Based System for Divergent Bond Activation: Controlling the Reactivity of Aldehydes. ACS Catalysis, 2021, 11, 7176-7185.	11.2	28
1310	Enantioselective synthesis of tertiary boronic esters through catalytic asymmetric reversed hydroboration. Nature Communications, 2021, 12, 3776.	12.8	14
1311	Eco-Friendly Synthesis of Peptides Using Fmoc-Amino Acid Chlorides as Coupling Agent Under Biphasic Condition. Protein and Peptide Letters, 2021, 28, 699-707.	0.9	0
1312	Synthesis, Characterization and Antibacterial Evaluation of Some Coumarin Derivatives. Iraqi Journal of Pharmaceutical Sciences, 2021, 30, 249-257.	0.3	3
1313	Mechanism and selectivity on IrIII/RhIII-catalyzed coupling of terminal alkenes and dioxazolones: A DFT study. Molecular Catalysis, 2021, 510, 111679.	2.0	1
1314	Synthesis of N-arylacetamides via amination of aryltriazenes with acetonitrile under metal-free and mild conditions. Arabian Journal of Chemistry, 2021, 14, 103158.	4.9	5
1315	Near-Ambient-Temperature Dehydrogenative Synthesis of the Amide Bond: Mechanistic Insight and Applications. ACS Catalysis, 2021, 11, 7383-7393.	11.2	19
1316	Ultrasonic Assisted Facile Synthesis of <i>N</i> â€Arylamides Using Nitriles and 1â€Aryltriazenes Precursors Promoted by BrAֻnsted Acidic Ionic Liquid under Metalâ€Free Conditions. ChemistrySelect, 2021, 6, 6548-6556.	1.5	5
	CITATION RE	PORT	
------	--	----------------	-----------
#	Article	IF	CITATIONS
1317	Ru(II)-Catalyzed Controlled Cross-Dehydrogenative Coupling of Benzamides with Activated Olefins via Weakly Coordinating Primary Amides. Journal of Organic Chemistry, 2021, 86, 9744-9754.	3.2	10
1318	Application of NMI-TfCI-mediated amide bond formation in the synthesis of biologically relevant oxadiazole derivatives employing less basic (hetero)aryl amines. Molecular Diversity, 2022, 26, 1761-1767.	3.9	5
1319	Half-Sandwich Iridium Complexes Based on β-Ketoamino Ligands: Preparation, Structure, and Catalytic Activity in Amide Synthesis. Inorganic Chemistry, 2021, 60, 11514-11520.	4.0	10
1320	Access to <i>α</i> ―and <i>β</i> â€Hydroxyamides and Ureas Through Metalâ€Catalyzed C≡N Bond Hydrat Transfer Hydration Reactions. European Journal of Inorganic Chemistry, 2021, 2021, 3225-3238.	ion and 2.0	4
1321	"Smart Decomposition―of Cyclic Alanine-Alanine Dipeptide by VUV Radiation: A Seed for the Synthesis of Biologically Relevant Species. Journal of Physical Chemistry Letters, 2021, 12, 7379-7386.	4.6	11
1322	Total Synthesis of Nucleoside Antibiotics Amicetin, Plicacetin, and Cytosaminomycin A—D. Chinese Journal of Chemistry, 2021, 39, 2679-2684.	4.9	8
1323	Design, Synthesis, and Utility of Defined Molecular Scaffolds. Organics, 2021, 2, 161-273.	1.3	14
1324	Copper(I)-catalysed aerobic oxidative selective cleavage of C C bond with DMAP: Facile access to N-substituted benzamides. Tetrahedron Letters, 2021, 75, 153199.	1.4	4
1325	Preparation, characterization and preliminary cytotoxic evaluation of 6-mercaptopurine-coated biotinylated carbon dots nanoparticles as a drug delivery system. Materials Today: Proceedings, 2023, 80, 2327-2333.	1.8	10
1326	Manganese(I) Catalyzed α-Alkenylation of Amides Using Alcohols with Liberation of Hydrogen and Water. Journal of Organic Chemistry, 2021, 86, 9994-10005.	3.2	10
1327	Insights into Fast Amide Couplings in Aqueous Nanomicelles. Organic Process Research and Development, 2021, 25, 1960-1965.	2.7	21
1328	Site-specific Umpolung amidation of carboxylic acids via triplet synergistic catalysis. Nature Communications, 2021, 12, 4637.	12.8	56
1329	One-pot synthesis of pyridine dicarboxamide derivative and its application for uranium separation from acidic medium. Journal of Environmental Chemical Engineering, 2021, 9, 105726.	6.7	33
1330	Synthesis of N-trifluoromethyl amides from carboxylic acids. CheM, 2021, 7, 2245-2255.	11.7	20
1331	Direct Amidation of Esters by Ball Milling**. Angewandte Chemie - International Edition, 2021, 60, 21868-21874.	13.8	46
1332	Additive and Emergent Catalytic Properties of Dimeric Unnatural Amino Acid Derivatives: Aldol and Conjugate Additions. Chemistry - A European Journal, 2021, 27, 15671-15687.	3.3	5
1333	Production of Nitrogen ontaining Compounds via the Conversion of Natural Microalgae from Water Blooms Catalyzed by ZrO ₂ . ChemSusChem, 2021, 14, 3935-3944.	6.8	9
1334	Ligand-Controlled Regiodivergent Catalytic Amidation of Unactivated Secondary Alkyl Bromides. ACS Catalysis, 2021, 11, 10223-10227.	11.2	26

#	Article	IF	CITATIONS
1335	Direct Oxidative Amination of the Methyl C–H Bond in N-Heterocycles over Metal-Free Mesoporous Carbon. ACS Catalysis, 2021, 11, 10902-10912.	11.2	11
1336	Manganese-Pincer-Catalyzed Nitrile Hydration, α-Deuteration, and α-Deuterated Amide Formation via Metal Ligand Cooperation. ACS Catalysis, 2021, 11, 10239-10245.	11.2	17
1337	Direct Amidation of Esters by Ball Milling**. Angewandte Chemie, 2021, 133, 22039-22045.	2.0	8
1338	Microscale Parallel Synthesis of Acylated Aminotriazoles Enabling the Development of Factor XIIa and Thrombin Inhibitors. ChemMedChem, 2021, 16, 3672-3690.	3.2	11
1339	Optimization of Critical Parameters for Carbodiimide Mediated Production of Highly Modified Chitosan. Polymers, 2021, 13, 2702.	4.5	10
1341	Utilization of a Methoxy Group in Lignin to Prepare Amides by the Carbonylation of Amines. ACS Sustainable Chemistry and Engineering, 2021, 9, 11667-11673.	6.7	4
1342	Synthesis of New Ruthenium AP Complexes and Use as Catalysts for Benzonitrile Hydration to Benzamide. European Journal of Inorganic Chemistry, 0, , .	2.0	1
1343	Direct Synthesis of Diamides from Dicarboxylic Acids with Amines Using Nb ₂ O ₅ as a Lewis Acid Catalyst and Molecular Docking Studies as Anticancer Agents. ACS Omega, 2021, 6, 25002-25009.	3.5	7
1344	Nickel-Catalyzed Reductive Carboxylation and Amidation Reactions. Accounts of Chemical Research, 2021, 54, 3941-3952.	15.6	51
1345	The Current Status of Latency Reversing Agents for HIV-1 Remission. Annual Review of Virology, 2021, 8, 491-514.	6.7	44
1346	Direct Access to Amides from Nitro ompounds via Aminocarbonylation and Amidation Reactions: A Minireview. Chemical Record, 2021, 21, 4059-4087.	5.8	7
1347	Iron-catalyzed oxidative amidation of acylhydrazines with amines. Tetrahedron Letters, 2021, 80, 153316.	1.4	7
1348	Supported Cu ^{II} Singleâ€lon Catalyst for Total Carbon Utilization of C ₂ and C ₃ Biomassâ€Based Platform Molecules in the Nâ€Formylation of Amines. Chemistry - A European Journal, 2021, 27, 16889-16895.	3.3	10
1349	Ruthenium(II) complexes bearing bidentate acylthiourea ligands for direct oxidation of amine α-carbon to amide. Polyhedron, 2021, 210, 115496.	2.2	7
1350	Visible-Light-Driven Dehydrogenative Coupling of Primary Alcohols with Phenols Forming Aryl Carboxylates. Organic Letters, 2021, 23, 7683-7687.	4.6	10
1351	Eudesmic acid-polyoxomolybdate organo-conjugate as novel anticancer agent. Journal of Molecular Structure, 2021, 1240, 130612.	3.6	6
1352	Fmoc Solid Phase Peptide Synthesis of Oxytocin and Analogues. Methods in Molecular Biology, 2022, 2384, 175-199.	0.9	6
1353	Sequestration and Removal of Multiple Small-Molecule Contaminants Using an Optimized Aptamer-Based Ultrafiltration System. Bioconjugate Chemistry, 2021, 32, 2043-2051.	3.6	6

#	Article	IF	CITATIONS
1354	Thiophene-2-carboxamide derivatives of anthraquinone: A new potent antitumor chemotype. European Journal of Medicinal Chemistry, 2021, 221, 113521.	5.5	12
1355	One Pot Unexpected Isocyanide-based Three-component Synthesis of Pyrrole-3-carboxamides Containing Ether Groups. Organic Preparations and Procedures International, 0, , 1-8.	1.3	0
1356	Design, synthesis and screening of a drug discovery library based on an Eremophila-derived serrulatane scaffold. Phytochemistry, 2021, 190, 112887.	2.9	4
1357	Zirconium-hydride-catalyzed site-selective hydroboration of amides for the synthesis of amines: Mechanism, scope, and application. Chinese Journal of Catalysis, 2021, 42, 2059-2067.	14.0	13
1358	Preparation of functionalized MXene-stitched-graphene oxide/poly (ethylene-co-acrylic acid) nanocomposite with enhanced hydrogen gas barrier properties. Journal of Membrane Science, 2021, 640, 119839.	8.2	29
1359	Synthesis, characterization, crystal and molecular structure and theoretical study of N-(naphthalen-1-yl)-2-(piperidin-1-yl) acetamide, a selective butyrylcholinesterase inhibitor. Journal of Molecular Structure, 2022, 1248, 131544.	3.6	0
1360	CuO-decorated magnetite-reduced graphene oxide: a robust and promising heterogeneous catalyst for the oxidative amidation of methylarenes in water <i>via</i> benzylic sp ³ C–H activation. New Journal of Chemistry, 2021, 45, 20007-20020.	2.8	7
1361	Direct Amide Synthesis over Composite Magnetic Catalysts in a Continuous Flow Reactor. Catalysts, 2021, 11, 146.	3.5	6
1362	Base-Mediated Anti-Markovnikov Hydroamidation of Vinyl Arenes with Arylamides. Organic Letters, 2021, 23, 565-570.	4.6	8
1363	Zirconium Oxideâ€Catalyzed Direct Amidation of Unactivated Esters under Continuousâ€Flow Conditions. Advanced Synthesis and Catalysis, 2021, 363, 2529-2535.	4.3	14
1364	Manganese Catalyzed Direct Amidation of Esters with Amines. Journal of Organic Chemistry, 2021, 86, 2339-2358.	3.2	36
1365	Palladium-Catalyzed C–C Bond Activation of Cyclopropenone: Modular Access to Trisubstituted <i>α,β</i> -Unsaturated Esters and Amides. Journal of Organic Chemistry, 2021, 86, 2682-2695.	3.2	15
1366	Stimulus-cleavable chemistry in the field of controlled drug delivery. Chemical Society Reviews, 2021, 50, 4872-4931.	38.1	93
1367	Direct C–H aminocarbonylation of <i>N</i> -heteroarenes with isocyanides under transition metal-free conditions. Organic and Biomolecular Chemistry, 2021, 19, 2917-2922.	2.8	10
1368	Direct Synthesis, Characterization and Theoretical Studies of Nâ€(6â€Aminoâ€1,3â€dimethylâ€2,4â€dioxoâ€1,2,3,4â€tetrahydropyrimidinâ€5â€yl)benzamide Derivatives. Ch 2021, 6, 726-732.	en nis trySe	le c t,
1369	Organocatalytic aminocarbonylation of α,β-unsaturated ketones with <i>N</i> , <i>N</i> -dimethyl carbamoylsilane. New Journal of Chemistry, 2021, 45, 7256-7260.	2.8	3
1370	Green chemistry meets medicinal chemistry: a perspective on modern metal-free late-stage functionalization reactions. Chemical Society Reviews, 2021, 50, 10955-10982.	38.1	75
1371	Conformational Control in Stereoselective Chemical Reactions: From Amino Acids to Iminosugars. Heterocycles, 2021, 103, 609.	0.7	0

#	Article	IF	CITATIONS
1373	Tandem Synthesis of Nâ€Alkylated Amides from Aldoximes and Alcohols by Using a Ru/Ir Dualâ€Catalyst System. ChemCatChem, 2013, 5, 2178-2182.	3.7	46
1374	Methods for Conjugating Antibodies to Nanocarriers. Methods in Molecular Biology, 2013, 1045, 249-266.	0.9	8
1375	Atom Economy and Reaction Mass Efficiency. Springer Briefs in Molecular Science, 2015, , 17-44.	0.1	16
1376	Biomedical Applications of Organometal–Peptide Conjugates. Topics in Organometallic Chemistry, 2010, , 195-217.	0.7	37
1377	Hydrogen Bonding-Mediated Self-assembly of Aromatic Supramolecular Duplexes. Lecture Notes in Quantum Chemistry II, 2015, , 115-136.	0.3	3
1378	Theoretical study of the mechanism of palladium-catalyzed hydroaminocarbonylation of styrene with ammonium chloride. Computational and Theoretical Chemistry, 2020, 1191, 113040.	2.5	4
1379	Peptide-Modified Biopolymers for Biomedical Applications. ACS Applied Bio Materials, 2021, 4, 229-251.	4.6	13
1380	Melflufen: A Journey from Discovery to Multi-Kilogram Production. ACS Symposium Series, 2020, , 157-177.	0.5	4
1381	Synthesis, crystal structure, spectroscopic features and Hirshfeld surfaces of 2-methyl-3-[(2-methylphenyl)carbamoyl]phenyl acetate. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 423-427.	0.5	1
1382	<i>N</i> -Acylcarbazole as a Selective Transamidation Reagent. Bulletin of the Chemical Society of Japan, 2020, 93, 993-999.	3.2	9
1383	5,6-Dihydropyrrolo[2,1- <i>a</i>]isoquinolines as Alternative of New Drugs with Cytotoxic Activity. Chemical and Pharmaceutical Bulletin, 2017, 65, 973-981.	1.3	14
1384	Osteogenic Surface Modification Based on Functionalized Poly-P-Xylylene Coating. PLoS ONE, 2015, 10, e0137017.	2.5	7
1385	Enantioselective Synthesis of α-Bromonitroalkanes for Umpolung Amide Synthesis: Preparation of tert-Butyl ((1R)-1-(4-(benzyloxy)phenyl)-2-bromo-2-nitroethyl)carbamate. Organic Syntheses, 2016, 93, 88-99.	1.0	7
1386	Post-printing surface modification and functionalization of 3D-printed biomedical device. International Journal of Bioprinting, 2017, 3, 93.	3.4	21
1387	Synthesis of trans-diamide derivatives from fumaryl chloride and determination of DPPH scavenging activity of synthesized molecules. Journal of the Turkish Chemical Society, Section A: Chemistry, 2020, 7, 143-150.	1.1	5
1388	The Synthesis of Amides through Direct Amination of Aldehydes with Amines. Current Organic Chemistry, 2019, 23, 901-919.	1.6	6
1389	Radiosyntheses using Fluorine-18: The Art and Science of Late Stage Fluorination. Current Topics in Medicinal Chemistry, 2014, 14, 875-900.	2.1	121
1390	Purity profiling of Peptide Drugs. Journal of Bioanalysis & Biomedicine, 0, s6, .	0.1	5

#	Article	IF	CITATIONS
1391	A Modified Method for the Synthesis of Tetradentate Ligand Involving Peptide Bond. International Journal of Organic Chemistry, 2014, 04, 122-134.	0.7	1
1392	Engineering Chitosan Using <i>î±</i> , <i>ï‰</i> -Dicarboxylic Acids—An Approach to Improve the Mechanical Strength and Thermal Stability. Journal of Biomaterials and Nanobiotechnology, 2013, 04, 151-164.	0.5	14
1393	Efficient Organic Synthesis based on Micro-flow Photo-reaction, Imidoylation, and Acylation. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2015, 73, 442-451.	0.1	1
1394	Recent Advances in Transformation of Acyl Fluorides. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2020, 78, 585-596.	0.1	9
1395	Histamine H3 receptor antagonists with peptidomimetic (keto)piperazine structures to inhibit AÎ ² oligomerisation. Bioorganic and Medicinal Chemistry, 2021, 50, 116462.	3.0	4
1396	Chapter 5. Green Chemistry and High Throughput Screening. RSC Drug Discovery Series, 2015, , 94-126.	0.3	1
1398	Cu-Catalyzed Benzyl Cyanide and Secondary Amines for the Synthesis of Tertiary Amides. Studies in Synthetic Chemistry, 2018, 06, 8-14.	0.1	0
1399	Theoretical Study of N-Methyl-3-Phenyl-3-(4-(Trifluoromethyl) Phenoxy) Propan as a Drug and Its Five Derivatives. Journal of Biosciences and Medicines, 2018, 06, 80-98.	0.2	4
1401	Microwave-assisted synthesis of biologically active amide derivatives of naphthenic acids under neat conditions. Macedonian Journal of Chemistry and Chemical Engineering, 2018, 37, 13.	0.6	2
1402	Rational design of light-controlled microrobots. , 2018, , .		1
1402 1403	Rational design of light-controlled microrobots. , 2018, , . Diethylphosphoryl-OxymaB (DEPO-B) as a Solid Coupling Reagent for Amide Bond Formation. Letters in Organic Chemistry, 2018, 16, 30-33.	0.5	1
1402 1403 1404	Rational design of light-controlled microrobots. , 2018, , . Diethylphosphoryl-OxymaB (DEPO-B) as a Solid Coupling Reagent for Amide Bond Formation. Letters in Organic Chemistry, 2018, 16, 30-33. Bio- Chemical Studying of Chemical Compounds. American International Journal of Sciences and Engineering Research, 2019, 2, 37-46.	0.5	1 2 0
1402 1403 1404 1405	Rational design of light-controlled microrobots. , 2018, , . Diethylphosphoryl-OxymaB (DEPO-B) as a Solid Coupling Reagent for Amide Bond Formation. Letters in Organic Chemistry, 2018, 16, 30-33. Bio- Chemical Studying of Chemical Compounds. American International Journal of Sciences and Engineering Research, 2019, 2, 37-46. Development of Mitsunobu Reagents Recyclable by Aerobic Oxidation and the Application to Catalytic Mitsunobu Reactions. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2019, 77, 584-595.	0.5 0.4 0.1	1 2 0 1
1402 1403 1404 1405 1406	Rational design of light-controlled microrobots. , 2018, , .Diethylphosphoryl-OxymaB (DEPO-B) as a Solid Coupling Reagent for Amide Bond Formation. Letters in Organic Chemistry, 2018, 16, 30-33.Bio- Chemical Studying of Chemical Compounds. American International Journal of Sciences and Engineering Research, 2019, 2, 37-46.Development of Mitsunobu Reagents Recyclable by Aerobic Oxidation and the Application to Catalytic Mitsunobu Reactions. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2019, 77, 584-595.In Silico Molecular Docking, Synthesis of 4-(4-benzoylaminophenoxy) Phenol Derivatives as Androgen Receptor Antagonists. Combinatorial Chemistry and High Throughput Screening, 2019, 22, 307-316.	0.5 0.4 0.1 1.1	1 2 0 1 7
1402 1403 1404 1405 1406 1407	Rational design of light-controlled microrobots. , 2018, , .Diethylphosphoryl-OxymaB (DEPO-B) as a Solid Coupling Reagent for Amide Bond Formation. Letters in Organic Chemistry, 2018, 16, 30-33.Bio- Chemical Studying of Chemical Compounds. American International Journal of Sciences and Engineering Research, 2019, 2, 37-46.Development of Mitsunobu Reagents Recyclable by Aerobic Oxidation and the Application to Catalytic Mitsunobu Reactions. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2019, 77, 584-595.In Silico Molecular Docking, Synthesis of 4-(4-benzoylaminophenoxy) Phenol Derivatives as Androgen Receptor Antagonists. Combinatorial Chemistry and High Throughput Screening, 2019, 22, 307-316.Synthesis and Characterization of ROSA Dye - A Rhodamine B-type Fluorophore, Suitable for Bioconjugation and Fluorescence Studies in Live Cells. Protein and Peptide Letters, 2019, 26, 758-767.	0.5 0.4 0.1 1.1 0.9	1 2 0 1 7 0
1402 1403 1404 1405 1406 1407 1408	Rational design of light-controlled microrobots. , 2018, , . Diethylphosphoryl-OxymaB (DEPO-B) as a Solid Coupling Reagent for Amide Bond Formation. Letters in Organic Chemistry, 2018, 16, 30-33. Bio- Chemical Studying of Chemical Compounds. American International Journal of Sciences and Engineering Research, 2019, 2, 37-46. Development of Mitsunobu Reagents Recyclable by Aerobic Oxidation and the Application to Catalytic Mitsunobu Reagents Recyclable by Aerobic Oxidation and the Application to Catalytic Mitsunobu Reagents Recyclable by Aerobic Oxidation and the Application to Catalytic Mitsunobu Reactions. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2019, 77, 584-595. In Silico Molecular Docking, Synthesis of 4-(4-benzoylaminophenoxy) Phenol Derivatives as Androgen Receptor Antagonists. Combinatorial Chemistry and High Throughput Screening, 2019, 22, 307-316. Synthesis and Characterization of ROSA Dye - A Rhodamine B-type Fluorophore, Suitable for Bioconjugation and Fluorescence Studies in Live Cells. Protein and Peptide Letters, 2019, 26, 758-767. Automated Solid-Phase Peptide Synthesis. Methods in Molecular Biology, 2020, 2103, 59-94.	0.5 0.4 0.1 1.1 0.9	1 2 0 1 7 0 10
1402 1403 1404 1405 1406 1407 1408 1409	Rational design of light-controlled microrobots. , 2018, , . Diethylphosphoryl-OxymaB (DEPO-B) as a Solid Coupling Reagent for Amide Bond Formation. Letters in Organic Chemistry, 2018, 16, 30-33. Bio- Chemical Studying of Chemical Compounds. American International Journal of Sciences and Engineering Research, 2019, 2, 37-46. Development of Mitsunobu Reagents Recyclable by Aerobic Oxidation and the Application to Catalytic Mitsunobu Reactions. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2019, 77, 584-595. In Silico Molecular Docking, Synthesis of 4-(4-benzoylaminophenoxy) Phenol Derivatives as Androgen Receptor Antagonists. Combinatorial Chemistry and High Throughput Screening, 2019, 22, 307-316. Synthesis and Characterization of ROSA Dye - A Rhodamine B-type Fluorophore, Suitable for Bioconjugation and Fluorescence Studies in Live Cells. Protein and Peptide Letters, 2019, 26, 758-767. Automated Solid-Phase Peptide Synthesis of Amide Bond using WEB. Current Microwave Chemistry, 2020, 7, 50-59.	0.5 0.4 0.1 1.1 0.9 0.9 0.8	1 2 0 1 7 0 10 6

#	Article	IF	CITATIONS
1411	Reductive N-alkylation of primary amides using nickel-nanoparticles. Tetrahedron, 2021, , 132526.	1.9	0
1412	Design, Synthesis, and Application of Multiboron Heterocycle to Direct Amidation Catalyst. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2020, 78, 971-978.	0.1	3
1415	Preparation of porphyrin and phthalocyanine conjugates for biomedical applications. Journal of Porphyrins and Phthalocyanines, 2021, 25, 917-929.	0.8	4
1416	The Chosen Few: Parallel Library Reaction Methodologies for Drug Discovery. Journal of Organic Chemistry, 2022, 87, 1880-1897.	3.2	28
1417	Oneâ€Pot Synthesis of Amide, Dipeptide, Ester and Hydroxamate Using Oxyma and Thionyl Chloride (SOCl ₂). ChemistrySelect, 2021, 6, 12281-12287.	1.5	2
1418	Chitosan-hydroxycinnamic acid conjugates: Optimization of the synthesis and investigation of the structure activity relationship. Carbohydrate Polymers, 2022, 277, 118896.	10.2	12
1419	A New Method for the Synthesis of N,N-Diethyl-m-Methylbenzamide from m-Toluic Acid and Diethylamine Using 1,1'-Carbonyl-di-(1,2,4-triazole) (CDT) as Coupling Agent. Letters in Organic Chemistry, 2022, 19, 766-769.	0.5	1
1420	N,N-Chelate nickel(II) complexes bearing Schiff base ligands as efficient hydrogenation catalysts for amine synthesis. Journal of Organometallic Chemistry, 2022, 959, 122187.	1.8	2
1421	Nanoarchitectonics of phosphorylated graphitic carbon nitride for sustainable, selective and metal-free synthesis of primary amides. Chemical Engineering Journal, 2022, 431, 133695.	12.7	24
1422	Enantioselectivity of Chiral Derivatives of Xanthones in Virulence Effects of Resistant Bacteria. Pharmaceuticals, 2021, 14, 1141.	3.8	5
1423	Supported-Pd catalyzed tandem approach for N-arylbenzamides synthesis. Molecular Catalysis, 2021, 516, 111948.	2.0	6
1424	Novel versatile synthesis method for amides, carbamates and ureas employing a Grignard base, an amine and an ester. Results in Chemistry, 2022, 4, 100253.	2.0	2
1425	Nickel-catalyzed reductive aminocarbonylation of vinyl triflates with nitro compounds for the synthesis of α,β-unsaturated amides. Organic Chemistry Frontiers, 2021, 8, 6974-6978.	4.5	22
1426	Water-removable ynamide coupling reagent for racemization-free syntheses of peptides, amides, and esters. Green Chemistry, 2021, 23, 9916-9921.	9.0	17
1427	Amide bond formation in aqueous solution: direct coupling of metal carboxylate salts with ammonium salts at room temperature. Organic and Biomolecular Chemistry, 2021, 19, 10073-10080.	2.8	6
1428	A new outlook in oxidative transformations and coupling reactions via in situ generation of organic chloramines. Applied Organometallic Chemistry, 2022, 36, e6518.	3.5	6
1429	H ₂ O ₂ â€Mediated Synthesis of 1,2,4â€Thiadiazole Derivatives in Ethanol at Room Temperature. Advanced Synthesis and Catalysis, 2022, 364, 689-694.	4.3	5
1430	Synthesis of alkynamides through reaction of alkyl- or aryl-substituted alkynylaluminums with isocyanates. Organic and Biomolecular Chemistry, 2021, 20, 139-151.	2.8	6

#	Article	IF	CITATIONS
1431	Atom-economic amide synthesis by using an iron-substituted polyoxometalate catalyst. Chemical Communications, 2022, 58, 1127-1130.	4.1	11
1432	Establishment of a steroid binding assay for membrane progesterone receptor alpha (PAQR7) by using graphene quantum dots (GQDs). Biochemical and Biophysical Research Communications, 2022, 592, 1-6.	2.1	8
1433	Reaction mechanism for copper catalyzed functionalization of unsaturated side chains of amides via domino rearrangement. Journal of Organometallic Chemistry, 2022, 961, 122233.	1.8	1
1435	Adsorptive Complexation and Isotope Separation of Gadolinium Ion with Macrocyclic Crown Ether Embedded Polymeric Resin: Theory Guided Experiments. SSRN Electronic Journal, 0, , .	0.4	0
1436	TBAI-catalyzed C–N bond formation through oxidative coupling of benzyl bromides with amines: a new avenue to the synthesis of amides. Synthetic Communications, 2022, 52, 424-432.	2.1	2
1437	Biomimetic and Hydrophilic Vitamin B5 Analogous Methacrylamide Polymers Prevent Surface Fouling. ACS Applied Polymer Materials, 2022, 4, 575-585.	4.4	4
1438	One-pot synthesis of a highly disperse core–shell CuO–alginate nanocomposite and the investigation of its antibacterial and catalytic properties. New Journal of Chemistry, 2021, 46, 199-211.	2.8	3
1439	Fabrication of impermeable dense architecture containing covalently stitched graphene oxide/boron nitride hybrid nanofiller reinforced semi-interpenetrating network for hydrogen gas barrier applications. Journal of Materials Chemistry A, 2022, 10, 4376-4391.	10.3	15
1440	Recent Advances in Visible-Light-Mediated Amide Synthesis. Molecules, 2022, 27, 517.	3.8	29
1441	KPF ₆ -Mediated Esterification and Amidation of Carboxylic Acids. Journal of Organic Chemistry, 2022, 87, 2651-2661.	3.2	14
1442	Boron Phenyl Alanine Targeted Chitosan-PNIPAAm Core-Shell Thermo-Responsive Nanoparticles; Boosting Drug Delivery to Glioblastoma in BNCT. Drug Development and Industrial Pharmacy, 2022, , 1-37.	2.0	3
1443	The Biosynthesis and Metabolism of the N-Acylated Aromatic Amino Acids: N-Acylphenylalanine, N-Acyltyrosine, N-Acyltryptophan, and N-Acylhistidine. Frontiers in Molecular Biosciences, 2021, 8, 801749.	3.5	3
1444	Halfâ€5andwich Ruthenium Complexes Bearing Hemilabile κ ² â€{ <i>C</i> , <i>S</i>)â^Thioetherâ€Functionalized NHC Ligands: Application to Amide Synthesis from Alcohol and Amine. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	8
1445	Novel dimeric dyes based on the acridine orange chromophore: Synthesis, characterization and application in real-time PCR. Dyes and Pigments, 2022, 200, 110148.	3.7	1
1447	A Comparison of Immobilised Triphenylphosphine and 1â€Hydroxybenzotriazole as Mediators of Catchâ€andâ€Release Acylation Under Flow Conditions. Chemistry - an Asian Journal, 2022, , .	3.3	2
1448	Iron-catalyzed hydroaminocarbonylation of alkynes: Selective and efficient synthesis of primary α,β-unsaturated amides. Chinese Chemical Letters, 2022, 33, 4842-4845.	9.0	18
1449	Amide Bonds Meet Flow Chemistry: A Journey into Methodologies and Sustainable Evolution. ChemSusChem, 2022, 15, .	6.8	12
1450	Unexpected conversion of 4-oxo-4H-chromene-2-carboxylic acid to 2-(1,3-benzothiazol-2-yl)-4H-chromen-4-one and spiro[1,4-benzothiazine-2,2'-chromene]-3,4'(3'H,4H)-dione. Chemistry of Heterocyclic Compounds, 2022, 58, 68-72.	1.2	0

#	Article	IF	CITATIONS
1451	Surface ligands enhance the catalytic activity of supported Au nanoparticles for the aerobic α-oxidation of amines to amides. Catalysis Science and Technology, 2022, 12, 1922-1933.	4.1	10
1452	Redox-neutral dehydrogenative cross-coupling of alcohols and amines enabled by nickel catalysis. Organic Chemistry Frontiers, 2022, 9, 1703-1710.	4.5	8
1453	Surface Functionalization of Rod-Shaped Viral Particles for Biomedical Applications. ACS Applied Bio Materials, 2022, 5, 1980-1989.	4.6	8
1454	Efficient synthesis of primary and secondary amides via reacting esters with alkali metal amidoboranes. Nature Communications, 2021, 12, 5964.	12.8	30
1455	Zirconium oxo clusters as discrete molecular catalysts for the direct amide bond formation. Catalysis Science and Technology, 2022, 12, 3190-3201.	4.1	11
1456	Palladium-catalyzed cascade Heck-type cyclization and reductive aminocarbonylation for the synthesis of functionalized amides. Organic and Biomolecular Chemistry, 2022, 20, 2605-2608.	2.8	7
1457	Acceptorless dehydrogenative synthesis of primary amides from alcohols and ammonia. Chemical Science, 2022, 13, 3894-3901.	7.4	9
1458	Solvent- and additive-free oxidative amidation of aldehydes using a recyclable oxoammonium salt. Organic and Biomolecular Chemistry, 2022, 20, 2249-2254.	2.8	11
1459	Identification of the Highly Active, Species Cross-Reactive Complex I Inhibitor BAY-179. ACS Medicinal Chemistry Letters, 2022, 13, 348-357.	2.8	3
1460	Process Development and GMP Production of a Conjugate Warhead: Auristatin F-HPA-Ala/TFA (XMT-1864/TFA). Organic Process Research and Development, 2022, 26, 2124-2137.	2.7	2
1461	Direct Synthesis of Paracetamol via Site-Selective Electrochemical Ritter-type C–H Amination of Phenol. Organic Letters, 2022, 24, 2310-2314.	4.6	20
1462	Heterogeneous manganese-oxide-catalyzed successive cleavage and functionalization of alcohols to access amides and nitriles. CheM, 2022, 8, 1906-1927.	11.7	18
1463	Partitional Behavior of Janus Dumbbell Microparticles in a Polyethylene Glycol (PEG)-Dextran (DEX) Aqueous Two-Phase System (ATPS). Coatings, 2022, 12, 415.	2.6	2
1464	Toward bioinspired polymer adhesives: activation assisted via HOBt for grafting of dopamine onto poly(acrylic acid). Royal Society Open Science, 2022, 9, 211637.	2.4	2
1465	Ce(III)/Photoassisted Synthesis of Amides from Carboxylic Acids and Isocyanates. Organic Letters, 2022, 24, 2431-2435.	4.6	17
1466	Vanadiumâ€catalyzed Oxidative Conversion of Primary Aromatic Alcohols into Amides and Nitriles with Molecular Oxygen. Chemistry - an Asian Journal, 2022, 17, .	3.3	2
1467	Waterâ€promoted Michael addition Reaction of sulfonyl hydrazides and α, βâ€unsaturated propionic acids to 3â€sulfone propionic acids. European Journal of Organic Chemistry, 0, , .	2.4	0
1468	Enantiopure β3-Trifluoromethyl-β3-homoalanine Derivatives: Coupling with Boc-Protected Amino Acids and Conformational Studies of Peptides in Solid State. Synthesis, 0, , .	2.3	0

#	Article	IF	CITATIONS
1469	Water: An Underestimated Solvent for Amide Bond-Forming Reactions. ACS Sustainable Chemistry and Engineering, 2022, 10, 5299-5306.	6.7	26
1470	DFT, MD simulations and experimental analysis of adsorptive complexation and isotope separation of gadolinium ion with macrocyclic crown ether embedded polymeric resin. Separation and Purification Technology, 2022, 289, 120709.	7.9	8
1471	Electrophilic Sulfonium-Promoted Peptide and Protein Amidation in Aqueous Media. Organic Letters, 2022, 24, 581-586.	4.6	16
1473	Computational Studies on the Mechanisms for Deaminative Amide Hydrogenation by Homogeneous Bifunctional Catalysts. Topics in Catalysis, 2022, 65, 82-95.	2.8	5
1474	Amide Bond Formation via the Rearrangement of Nitrile Imines Derived from <i>N</i> -2-Nitrophenyl Hydrazonyl Bromides. Organic Letters, 2022, 24, 334-338.	4.6	5
1476	Biotinylated magnetic molecularly imprinted polymer nanoparticles for cancer cell targeting and controlled drug delivery. Chemical Communications, 2022, 58, 5642-5645.	4.1	11
1477	Metal-catalyzed reactions of organic nitriles and boronic acids to access diverse functionality. Organic and Biomolecular Chemistry, 2022, 20, 4243-4277.	2.8	21
1478	Solvent-free amide bond formation using a variety of methoxysilanes as coupling agent. Organic and Biomolecular Chemistry, 2022, 20, 3717-3720.	2.8	10
1479	Predicting relative efficiency of amide bond formation using multivariate linear regression. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2118451119.	7.1	12
1480	Rhodium-Catalyzed Azine-Directed C–H Amidation with <i>N</i> -Methoxyamides. Journal of Organic Chemistry, 2022, 87, 5543-5555.	3.2	4
1481	Iridiumâ€Catalyzed Ligandâ€Controlled Remote <i>para</i> â€Selective Câ^'H Activation and Borylation of Twisted Aromatic Amides. Angewandte Chemie - International Edition, 2022, 61, .	13.8	18
1482	Amide and Peptide Couplings Mediated by Pivaloyl Mixed Anhydrides in Aqueous Media. ACS Sustainable Chemistry and Engineering, 2022, 10, 5307-5314.	6.7	11
1483	Iridiumâ€Catalyzed Ligandâ€Controlled Remote paraâ€Selective C–H Activation and Borylation of Twisted Aromatic Amides. Angewandte Chemie, 0, , .	2.0	3
1484	Interfacing single-atom catalysis with continuous-flow organic electrosynthesis. Chemical Society Reviews, 2022, 51, 3898-3925.	38.1	50
1485	Facile synthesis of amides <i>via</i> acceptorless dehydrogenative coupling of aryl epoxides and amines. Chemical Science, 2022, 13, 5913-5919.	7.4	7
1486	An economical approach for peptide synthesis <i>via</i> regioselective C–N bond cleavage of lactams. Chemical Science, 2022, 13, 6309-6315.	7.4	2
1487	Tandem silylation—desilylation reaction in the synthesis of N-methyl carboxamides. Russian Chemical Bulletin, 2022, 71, 735-739.	1.5	0
1488	Visible-light induced transition-metal and photosensitizer-free conversion of aldehydes to acyl fluorides under mild conditions. Green Synthesis and Catalysis, 2022, 3, 373-376.	6.8	9

#	Article	IF	CITATIONS
1489	Functionalization of Water-Soluble Conjugated Polymers for Bioapplications. ACS Applied Materials & Interfaces, 2022, 14, 20506-20519.	8.0	24
1490	An Evaluation of the Occupational Health Hazards of Peptide Couplers. Chemical Research in Toxicology, 2022, 35, 1011-1022.	3.3	23
1491	Recent trends of bioconjugated nanomedicines through nose-to-brain delivery for neurological disorders. Drug Delivery and Translational Research, 2022, 12, 3104-3120.	5.8	5
1492	DIPEA-induced activation of OH ^{â^'} for the synthesis of amides <i>via</i> photocatalysis. RSC Advances, 2022, 12, 14724-14728.	3.6	1
1493	Polyoxometalate Ionic Liquid-Catalyzed Ritter Reaction for Efficient Synthesis of Amides. Synlett, 0, , .	1.8	1
1494	Process Thermal Safety Risk Assessment Practice—Niclosamide Preparation Process Amidation Reaction. Hans Journal of Chemical Engineering and Technology, 2022, 12, 142-150.	0.0	0
1495	Synthesis and catalytic functions of selenopeptides. , 2022, , 195-218.		2
1496	Enzymatic amide bond formation: synthesis of aminooxo-acids through a <i>Mycobacterium smegmatis</i> acyltransferase. Green Chemistry, 2022, 24, 4432-4436.	9.0	3
1497	Paracetamol Synthesis for Active Learning of Amide Functional Groups in Undergraduate Chemistry Laboratories. Journal of Chemical Education, 2022, 99, 2385-2391.	2.3	8
1498	Prebiotic Catalytic Peptide Ligation Yields Proteinogenic Peptides by Intramolecular Amide Catalyzed Hydrolysis Facilitating Regioselective Lysine Ligation in Neutral Water. Journal of the American Chemical Society, 2022, 144, 10151-10155.	13.7	13
1499	Advances in the synthesis of amides via alpha oxygenation of amines. Current Organic Chemistry, 2022, 26, .	1.6	0
1500	Visible-Light-Mediated Direct Amidation of Arenes and Heteroarenes with N-Aminopyridinium Salts. Synlett, 0, 0, .	1.8	2
1501	Amino acids in electrochemical metal-free benzylic C H amidation. Tetrahedron Letters, 2022, 102, 153917.	1.4	5
1502	Gallic acid derivatives as inhibitors of mussel (Mytilus galloprovincialis) larval settlement: Lead optimization, biological evaluation and use in antifouling coatings. Bioorganic Chemistry, 2022, 126, 105911.	4.1	4
1503	Tandem amide coupling and hydroamination: unexpected benzotriazole oxide addition to the propiolic acid triple bond. New Journal of Chemistry, 0, , .	2.8	1
1504	Bayesian Optimization of Computer-Proposed Multistep Synthetic Routes on an Automated Robotic Flow Platform. ACS Central Science, 2022, 8, 825-836.	11.3	47
1505	Palladium-Catalyzed Unimolecular Fragment Coupling of <i>N</i> -Allylamides via Elimination of Isocyanate. Journal of the American Chemical Society, 2022, 144, 11033-11043.	13.7	10
1506	Aminooxy Click Chemistry as a Tool for Bis-homo and Bis-hetero Ligand Conjugation to Nucleic Acids. Organic Letters, 0, , .	4.6	4

#	Article	IF	CITATIONS
1507	Large-Scale Amidations in Process Chemistry: Practical Considerations for Reagent Selection and Reaction Execution. Organic Process Research and Development, 2022, 26, 1562-1689.	2.7	46
1508	Microwave-Assisted, Metal-Free, Chemoselective N-Formylation of Amines using 2-Formyl-1,3-dimethyl-1H-imidazol-3-ium lodide and In Situ Synthesis of Benzimidazole and Isocyanides. SynOpen, 2022, 06, 132-140.	1.7	1
1509	Pd-Catalyzed Direct Deoxygenative Arylation of Non-ï€-Extended Benzyl Alcohols with Boronic Acids via Transient Formation of Non-Innocent Isoureas. ACS Catalysis, 2022, 12, 8147-8154.	11.2	9
1510	Crystal structure and Hirshfeld surface analysis of 2-chloro- <i>N</i> -(4-methoxyphenyl)acetamide. Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 687-690.	0.5	2
1511	Sustainable Synthesis of Amides from Carboxylic Acids and Equivalent Amounts of Amines Using a Reusable BrÃ,nsted Acidic Ionic Liquid as a Catalyst and a Solvent. ACS Sustainable Chemistry and Engineering, 2022, 10, 8433-8442.	6.7	7
1512	Palladium-Catalyzed Regio- and Stereoselective Hydroaminocarbonylation of Unsymmetrical Internal Alkynes toward α,β-Unsaturated Amides. Organic Letters, 2022, 24, 4464-4469.	4.6	9
1513	Rational drug design strategies for the development of promising multi-target directed indole hybrids as Anti-Alzheimer agents. Bioorganic Chemistry, 2022, 127, 105941.	4.1	14
1514	Photoinduced carbamoylation reactions: unlocking new reactivities towards amide synthesis. Chemical Communications, 2022, 58, 8322-8339.	4.1	11
1515	Heterogeneous Nanostructural Carbon Catalyst for the Direct Amide Coupling Reaction Under Microwave Heating in a Solvent-Free Condition. SSRN Electronic Journal, 0, , .	0.4	0
1516	Lewis base catalyzed allylation reaction of N-aryl amides with Morita–Baylis–Hillman carbonates. Tetrahedron, 2022, 120, 132903.	1.9	3
1517	N,N-Diethyl-3-methylbenzamide. MolBank, 2022, 2022, M1395.	0.5	0
1518	Discovery of KOH+BrCH2SO2F as a Waterâ€Removable System for the Clean, Mild and Robust Synthesis of Amides and Peptides. European Journal of Organic Chemistry, 0, , .	2.4	0
1519	Mild Amide Synthesis Using Nitrobenzene under Neutral Conditions. Organic Letters, 2022, 24, 4766-4771.	4.6	24
1520	Real-time monitoring of serotonin with highly selective aptamer-functionalized conducting polymer nanohybrids. Nano Convergence, 2022, 9, .	12.1	8
1521	An Iodideâ€Mediated Anodic Amide Coupling. Chemistry - A European Journal, 2022, 28, .	3.3	5
1522	Development of Environmentally Friendly Dehydrogenative Oxidation Reactions Using Multifunctional Heterogeneous Catalysts. Bulletin of the Chemical Society of Japan, 2022, 95, 1332-1352.	3.2	0
1523	Ni-Catalyzed Deoxygenative Borylation of Phenols Via O-Phenyl-uronium Activation. ACS Catalysis, 2022, 12, 8904-8910.	11.2	10
1524	Reaction of Dioxazolones with Boronic Acids: Copper-Mediated Synthesis of <i>N</i> -Aryl Amides via <i>N</i> -Acyl Nitrenes. Organic Letters, 2022, 24, 4925-4929.	4.6	9

#	Article	IF	CITATIONS
1525	Protocol for the preparation of amorphous manganese oxide and its application as heterogeneous catalyst in the direct synthesis of amides and nitriles. STAR Protocols, 2022, 3, 101564.	1.2	0
1526	Covalent Crossâ€Links Enable the Formation of Ambientâ€Dried Biomass Aerogels through the Activation of a Triazine Derivative for Energy Storage and Generation. Advanced Functional Materials, 2022, 32, .	14.9	16
1527	2-Azido- <i>N</i> -(4-methylphenyl)acetamide. IUCrData, 2022, 7, .	0.3	1
1528	Crystal structure and Hirshfeld surface analysis of 2-azido- <i>N</i> -(4-fluorophenyl)acetamide. Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 855-859.	0.5	1
1529	Mild Sustainable Amide Alkylation Protocol Enables a Broad Orthogonal Scope. Journal of Organic Chemistry, 2022, 87, 12036-12040.	3.2	4
1530	Solvent-controlled selective synthesis of amides and thioureas from isothiocyanates. Tetrahedron Letters, 2022, 107, 154099.	1.4	5
1531	Efficient Synthesis of 4â€Bromo― <i>N</i> â€(1â€phenylethyl)benzamide, Arylation by Pd(0) Catalyst, Characterization and DFT Study. ChemistrySelect, 2022, 7, .	1.5	0
1532	A Chemical Approach to Introduce 2,6-Diaminopurine and 2-Aminoadenine Conjugates into Oligonucleotides without Need for Protecting Groups. Organic Letters, 2022, 24, 6111-6116.	4.6	6
1533	Crystal structure and Hirshfeld surface analysis of <i>N</i> -(2,6-dimethylphenyl)-2-[3-hydroxy-2-oxo-3-(2-oxopropyl)indolin-1-yl]acetamide. Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 922-925.	0.5	1
1534	Synthesis of 3-benzylquinoxalin-2(1H)-ones and 4-formyl-3-benzyl-3,4-dihydroquinoxalin-2(1H)-ones from 3-aryloxirane-2-carboxamides via 5-arylidene-2,2-dimethyl-1,3-oxazolidin-4-ones. Tetrahedron, 2022, , 132963.	1.9	0
1535	Novel Phenothiazine/Donepezil-like Hybrids Endowed with Antioxidant Activity for a Multi-Target Approach to the Therapy of Alzheimer's Disease. Antioxidants, 2022, 11, 1631.	5.1	6
1536	Synthesis of ruthenium complexes and their catalytic applications: A review. Arabian Journal of Chemistry, 2022, 15, 104165.	4.9	21
1537	Synthesis, spectroscopic characterization, biological activities, X-ray diffraction and molecular docking studies of 2-methyl-3-(thiazol-2-ylcarbamoyl)phenylacetate. Journal of Molecular Structure, 2022, 1270, 133937.	3.6	0
1538	Lophine-cinnamoyl hybrids: Synthesis, photophysical properties and a spectroscopic and molecular dynamics approach towards interactions with bovine serum albumin. Journal of Molecular Liquids, 2022, 367, 120376.	4.9	0
1539	Hydroboration of isocyanates: cobalt-catalyzed <i>vs.</i> catalyst-free approaches. Organic and Biomolecular Chemistry, 2022, 20, 6821-6830.	2.8	5
1540	Automated stopped-flow library synthesis for rapid optimisation and machine learning directed experimentation. Chemical Science, 2022, 13, 12087-12099.	7.4	12
1541	Green and sustainable visible light-mediated formation of amide bonds: an emerging niche in organic chemistry. New Journal of Chemistry, 2022, 46, 16220-16242.	2.8	4
1542	Efficient catalyst-free direct amidation of non-activated carboxylic acids from carbodiimides. Organic and Biomolecular Chemistry, 0, , .	2.8	0

#	Article	IF	CITATIONS
1543	Cu-catalysed transamidation of unactivated aliphatic amides. Organic and Biomolecular Chemistry, 2022, 20, 6931-6940.	2.8	4
1544	Sulfur–DMSO promoted oxidative coupling of active methylhetarenes with amines: access to amides. Organic and Biomolecular Chemistry, 2022, 20, 8054-8058.	2.8	4
1545	Ru(<scp>ii</scp>)-catalyzed external auxiliary-free primary amide-directed inverse Sonogashira reaction on (hetero)arylamides. Chemical Communications, 2022, 58, 11304-11307.	4.1	3
1546	Fe(acac) ₂ /TBHP-promoted synthesis of 11-functionalized dibenzodiazepines <i>via</i> alkoxycarbonylation and carboxamidation of <i>o</i> -isocyanodiaryl amines. Chemical Communications, 2022, 58, 10985-10988.	4.1	4
1547	Solvent-Controlled Selective Synthesis of Amides and Thioureas from Isothiocyanates. SSRN Electronic Journal, 0, , .	0.4	0
1548	A convenient synthesis of <i>N</i> -(hetero)arylamides by the oxidative coupling of methylheteroarenes with amines. Organic and Biomolecular Chemistry, 2022, 20, 6915-6922.	2.8	1
1549	Photomediated reductive coupling of nitroarenes with aldehydes for amide synthesis. Chemical Science, 2022, 13, 9361-9365.	7.4	16
1550	Transamidation of aromatic amines with formamides using cyclic dihydrogen tetrametaphosphate. Organic and Biomolecular Chemistry, 2022, 20, 7929-7935.	2.8	5
1551	Siloxane-containing derivatives of benzoic acid: chemical transformation of the carboxyl group. New Journal of Chemistry, 2022, 46, 18041-18047.	2.8	2
1552	Multifaceted ligand design facilitates chemical- or peptide-mediated linking of hollow gold nanoshells with tuned interparticle distance, interference and cytotoxicities. Materials Advances, 2022, 3, 7272-7284.	5.4	Ο
1553	Synthesis and coordination of hybrid phosphinoferrocenes with extended donor pendants. Dalton Transactions, 2022, 51, 14618-14629.	3.3	2
1554	Advances in peptide synthesis. , 2022, , 73-97.		0
1555	Cuâ€Oxide Nanoparticles Catalyzed Synthesis of Nitriles and Amides from Alcohols and Ammonia in Presence of Air. Advanced Sustainable Systems, 2022, 6, .	5.3	2
1556	Ynamideâ€Mediated Peptide Bond Formation: Mechanistic Study and Synthetic Applications. Angewandte Chemie - International Edition, 2022, 61, .	13.8	15
1557	Development of a Catalytic Ester Activation Protocol for the Efficient Formation of Amide Bonds using an Arâ^'l/HFâ‹pyridine/ <i>m</i> CPBA System. Asian Journal of Organic Chemistry, 2022, 11, .	2.7	3
1558	Aluminiumâ€Catalyzed Selective Reduction of Heteroallenes Through Hydroboration: Amide/Thioamide/Selenoamide Bond Construction and C=X (X=O, S, Se) Bond Activation**. European Journal of Organic Chemistry, 2022, 2022, .	2.4	5
1559	<i>tert</i> -Butylethylcarbodiimide as an Efficient Substitute for Diisopropylcarbodiimide in Solid-Phase Peptide Synthesis: Understanding the Side Reaction of Carbodiimides with OxymaPure. Organic Process Research and Development, 2022, 26, 2894-2899.	2.7	7
1560	Piperazineâ€Modified Ketoconazole Derivatives Show Increased Activity against Fungal and Trypanosomatid Pathogens. ChemMedChem, 2022, 17, .	3.2	4

#	Article	IF	CITATIONS
1561	Fluorescence Quenching of Xanthene Dyes during Amide Bond Formation Using DMTMM. ACS Omega, 2022, 7, 33046-33053.	3.5	0
1562	Ynamideâ€Mediated Peptide Bond Formation: Mechanistic Study and Synthetic Applications. Angewandte Chemie, 0, , .	2.0	0
1563	Tuning the Force, Speed, and Efficiency of an Autonomous Chemically Fueled Information Ratchet. Journal of the American Chemical Society, 2022, 144, 17241-17248.	13.7	18
1564	From amines to (form)amides: a simple and successful mechanochemical approach. Beilstein Journal of Organic Chemistry, 0, 18, 1210-1216.	2.2	4
1565	Mild Amide <i>N</i> -Arylation Enabled by Nickel-Photoredox Catalysis. Organic Letters, 2022, 24, 7134-7139.	4.6	8
1566	Preparation of <i>N</i> -Aryl Amides by Epimerization-Free Umpolung Amide Synthesis. Journal of the American Chemical Society, 2022, 144, 16708-16714.	13.7	15
1567	Amine Activation: "Inverse―Dipeptide Synthesis and Amide Function Formation through Activated Amino Compounds. Journal of Organic Chemistry, 2022, 87, 12148-12163.	3.2	3
1568	2-Azaaryl-1-methylpyridinium Halides: Aqueous-Soluble Activating Reagents for Efficient Amide Coupling in Water. ACS Sustainable Chemistry and Engineering, 2022, 10, 12968-12974.	6.7	2
1569	DCC Mediated Direct Amidation of NSAID Naproxen, Ibuprofen and Ketoprofen with Secondary Amines. ChemistrySelect, 2022, 7, .	1.5	1
1570	Highly Selective Catalystâ€Free Oxidative Synthesis of <i>N</i> â€Formamides from C ₂ ―and C ₃ â€Feedstocks. European Journal of Organic Chemistry, 2023, 26, .	2.4	5
1571	Copper atalyzed C(sp ³)â^'H/Nâ^'H Cross Dehydrogenative Coupling Between Toluene Derivatives and Picolinamides. Asian Journal of Organic Chemistry, 0, , .	2.7	1
1572	Copper-catalyzed benzylic C–H amidation of toluene derivatives with N-(8-quinolyl)amides through C(sp [3])–H/N–H cross dehydrogenative coupling. Tetrahedron, 2022, , 133066.	1.9	0
1573	Visible-light-induced dual catalysis for <i>N</i> -α C(sp ³)–H amination and alkenylation of <i>N</i> -alkyl benzamides. Chemical Science, 2022, 13, 12851-12857.	7.4	1
1574	Dynamic environment at the Zr _{6} oxo cluster surface is key for the catalytic formation of amide bonds. Catalysis Science and Technology, 2023, 13, 100-110.	4.1	5
1575	Nickel Selenide Quantum dot Reactor for Electroâ€oxidation of Nevirapine in Wastewater. ChemistrySelect, 2022, 7, .	1.5	0
1576	Bis(Benzofuran–1,3-N,N-heterocycle)s as Symmetric and Synthetic Drug Leads against Yellow Fever Virus. International Journal of Molecular Sciences, 2022, 23, 12675.	4.1	1
1577	N-Halamine-modified mesoporous silica for water disinfection. Materials Chemistry and Physics, 2023, 293, 126936.	4.0	4
1578	Dâ€Peptide and Dâ€Protein Technology: Recent Advances, Challenges, and Opportunities**. ChemBioChem, 2023, 24, .	2.6	14

#	Article	IF	CITATIONS
1580	Efficient hydrogen peroxide electrosynthesis using anthraquinone covalently bonded CNT on superhydrophobic air breathing cathode. Journal of Cleaner Production, 2022, 378, 134578.	9.3	4
1581	Precise control of the site selectivity in ruthenium-catalyzed C–H bond amidations using cyclic amides as powerful directing groups. Organic Chemistry Frontiers, 2022, 10, 42-53.	4.5	1
1582	The syntheses of polymethoxy flavonoid glycosides from apigenin and diosmetin and their cytotoxic activities on two human cancer cell lines. Results in Chemistry, 2022, 4, 100651.	2.0	1
1583	Nanostructured Carbon Catalyst for Amide Coupling Reactions under Microwave Heating in the Absence of a Solvent. ACS Applied Nano Materials, 2022, 5, 16376-16387.	5.0	2
1584	Catalytic Heteroannulation for the Synthesis of Quinolineâ€4 arboxamides Bearing Axial Chirality. Advanced Synthesis and Catalysis, 0, , .	4.3	2
1585	K ₂ CO ₃ -accelerated amidation of carboxylic acids using α-oxo ketene- <i>N</i> , <i>S</i> -acetals as amine surrogates. Organic Chemistry Frontiers, 2023, 10, 686-698.	4.5	1
1586	High-valent Cu(<scp>iii</scp>)–CF ₃ compound-mediated esterification reaction. Organic and Biomolecular Chemistry, 2023, 21, 935-939.	2.8	3
1587	Organo-cyanamides: convenient reagents for catalytic amidation of carboxylic acids. Chemical Communications, 0, , .	4.1	2
1588	Modification of amphiphilic block copolymers for responsive and biologically active surfactants in complex droplets. Giant, 2023, 13, 100134.	5.1	3
1589	Amphiphilic Silver Nanoparticles for Inkjet-Printable Conductive Inks. Nanomaterials, 2022, 12, 4252.	4.1	4
1590	Practical povidone iodine catalyzed transamidation from primary amides and amines. Tetrahedron Letters, 2023, 116, 154312.	1.4	5
1591	Total Synthesis of (E/Z) desâ€Hydroxy Triticone A and B. European Journal of Organic Chemistry, 0, , .	2.4	0
1592	Progress in C-C and C-Heteroatom Bonds Construction Using Alcohols as Acyl Precursors. Molecules, 2022, 27, 8977.	3.8	2
1593	Regioselective reductive transamination of peptidic amides enabled by a dual Zr(IV)–H catalysis. CheM, 2023, 9, 869-880.	11.7	1
1594	Synthesis of the Multidrug Reversal Agent Ko143 and its Parent Natural Product Fumitremorgin C. Helvetica Chimica Acta, 0, , .	1.6	1
1595	Direct Aldimine Oxidative Reaction: A General Approach toward Amides. Asian Journal of Organic Chemistry, 0, , .	2.7	0
1596	Phosphine-Free Aminocarbonylation Using Pd/DBU Catalyst: Carbonylative Coupling of Aryl Iodides and Amines. Journal of Organic Chemistry, 2023, 88, 5220-5225.	3.2	3
1597	Mechanochemical Defluorinative Arylation of Trifluoroacetamides: An Entry to Aromatic Amides. Journal of Organic Chemistry, 2023, 88, 863-870.	3.2	3

#	Article	IF	CITATIONS
1598	Oxidative Cleavage and Ammoxidation of Unsaturated Hydrocarbons <i>via</i> Heterogeneous Auto-Tandem Catalysis. Jacs Au, 2023, 3, 476-487.	7.9	6
1599	PhI(OAc) ₂ -mediated C–N bond cleavage of acylhydrazines with amines for the synthesis of amides. New Journal of Chemistry, 2023, 47, 3663-3667.	2.8	2
1600	DMAPO/Boc ₂ Oâ€Mediated Oneâ€Pot Direct <i>N</i> â€Acylation of Less Nucleophilic <i>N</i> â€Heterocycles with Carboxylic Acids. ChemCatChem, 2023, 15, .	3.7	5
1601	Copper(I)-Mediated Decarboxylative N-Arylation of Dioxazolones: Synthesis of N-Aryl Amides. Synlett, 0, , .	1.8	Ο
1602	Synthesis of Acyl Fluorides from Carboxylic Acids with KI/AgSCF ₃ for Efficient Amide and Peptide Synthesis. Advanced Synthesis and Catalysis, 2023, 365, 295-300.	4.3	3
1603	Radical Arylaminoformylation of Activated Alkenes to Amides Containing All arbon Quaternary Stereocenters. European Journal of Organic Chemistry, 0, , .	2.4	0
1604	Active ester-based peptide bond formation and its application in peptide synthesis. Organic Chemistry Frontiers, 2023, 10, 1817-1846.	4.5	11
1605	Cu-Catalyzed Methylenation of Alcohols with <i>N</i> -Methyl Amide as a Sustainable Methylene Reagent. Journal of Organic Chemistry, 2023, 88, 1128-1134.	3.2	4
1606	Phosphonium salts and P-ylides. , 2011, , 74-105.		0
1607	Comprehensive Theoretical Study of Cp*lr ^{III} -Catalyzed Intermolecular Enantioselective Allylic C–H Amidation: Reaction Mechanism, Electronic Processes, and Regioselectivity. Journal of Organic Chemistry, 2023, 88, 2493-2504.	3.2	1
1608	Baseâ€Mediated <i>N</i> â€Acetylation of Anilines/Amines: Nitriles as a Surrogate of the Acetyl Group. ChemistrySelect, 2023, 8, .	1.5	0
1609	Large-Scale Amide Coupling in Aqueous Media: Process for the Production of Diazabicyclooctane β-Lactamase Inhibitors. Organic Process Research and Development, 2023, 27, 120-128.	2.7	6
1610	Cu-Catalysed sustainable synthesis of formamide with glycerol derivatives as a carbonyl source <i>via</i> a radical-relay mechanism. Green Chemistry, 2023, 25, 1464-1472.	9.0	1
1611	Taming diamines and acyl chlorides by carbon dioxide in selective mono-acylation reactions. Green Chemistry, 2023, 25, 1332-1338.	9.0	2
1612	Visible-light-induced dehydrogenative amidation of aldehydes enabled by iron salts. Chemical Communications, 2023, 59, 2771-2774.	4.1	7
1613	Graphene oxide as a multi-functional additive for compatilizer, enhancer, and barrier in ethylene vinyl alcohol copolymer/aramid pulp composites. RSC Advances, 2023, 13, 4746-4753.	3.6	2
1614	Microwave Assisted Solvent Free Catalytic Amino-Carbonylation of Aryl Bromide by Using μ-Dichloro-bis(benzylidene aniline)palladium(II) Complex as Catalyst. Asian Journal of Chemistry, 2023, 35, 361-365.	0.3	0
1615	Development of a two-phase flow reaction system for DNA-encoded amide coupling. Reaction Chemistry and Engineering, 2023, 8, 1334-1340.	3.7	3

#	Article	IF	CITATIONS
1616	A Ritterâ€Type Route to Diarylmethane Amides from <i>para</i> â€Quinone Methides. Asian Journal of Organic Chemistry, 0, , .	2.7	1
1617	Oxidovanadium(IV) sulfate catalyses light-driven C–N bond formation. Molecular Catalysis, 2023, 541, 113054.	2.0	1
1618	Advances in the Application of Acetonitrile in Organic Synthesis since 2018. Catalysts, 2023, 13, 761.	3.5	4
1619	Efficient and stable tripodal Phosphine-Controlled Pd-Catalyst for anti-Markovnikov hydroaminocarbonylation of alkenes with aromatic amines. Journal of Catalysis, 2023, 418, 273-282.	6.2	2
1620	Amide Bond Formation. , 2022, , 35-39.		0
1621	A comprehensive solvent-free approach for the esterification and amidation of carboxylic acids mediated by carbodiimides. Tetrahedron, 2023, 133, 133291.	1.9	2
1622	<i>p</i> -Methoxybenzyl-Radical-Promoted Chemoselective Protection of <i>sec</i> -Alkylamides. Journal of Organic Chemistry, 2023, 88, 2575-2582.	3.2	2
1623	A Visibleâ€Light Driven Esterification of Aldehydes Catalyzed by VOSO ₄ . Advanced Synthesis and Catalysis, 2023, 365, 508-514.	4.3	1
1624	N-Amidation of Nitrogen-Containing Heterocyclic Compounds: Can We Apply Enzymatic Tools?. Bioengineering, 2023, 10, 222.	3.5	0
1625	Visible Light-Mediated Carbamoylation of <i>para</i> -Quinone Methides. Journal of Organic Chemistry, 2023, 88, 2784-2791.	3.2	3
1626	Cyclotrimetaphosphate-assisted ruthenium catalyst for the hydration of nitriles and oxidation of primary amines to amides under aerobic conditions in water. Organic and Biomolecular Chemistry, 2023, 21, 2429-2439.	2.8	2
1627	Amidation by reactive extrusion for the synthesis of active pharmaceutical ingredients teriflunomide and moclobemide. Chemical Communications, 2023, 59, 3439-3442.	4.1	7
1628	B ₂ (OH) ₄ -Mediated Reductive Transamidation of <i>N</i> -Acyl Benzotriazoles with Nitro Compounds En Route to Aqueous Amide Synthesis. Journal of Organic Chemistry, 2023, 88, 3714-3723.	3.2	7
1629	Manganese(I)-Catalyzed Asymmetric Hydrophosphination of α,β-Unsaturated Carbonyl Derivatives. Organic Letters, 2023, 25, 1611-1615.	4.6	9
1630	Room Temperature Synthesis of Bioactive 1,2,4-Oxadiazoles. International Journal of Molecular Sciences, 2023, 24, 5406.	4.1	5
1632	Stereochemical Control of Secondary Benzamideâ€based BODIPY Emitters. Chemistry - A European Journal, 0, , .	3.3	0
1633	Recent Advances in Carbonâ€Nitrogen/Carbonâ€Oxygen Bond Formation Under Transitionâ€Metalâ€Free Conditions. Chemical Record, 2023, 23, .	5.8	4
1634	Oxygen Vacancy-Dependent Photocatalytic Selective Synthesis of an Unsaturated Amide on Spinel CuFe ₂ O ₄ . Inorganic Chemistry, 2023, 62, 5334-5340.	4.0	2

#	Article	IF	CITATIONS
1635	An Efficient Lightâ€Mediated Protocol for the Direct Amide Bond Formation via a Novel Carboxylic Acid Photoactivation Mode by Pyridineâ€CBr ₄ . Chemistry - A European Journal, 2023, 29, .	3.3	6
1636	Grapheneâ€based Composite Materials as Catalyst for Organic Transformations. ChemistrySelect, 2023, 8, .	1.5	3
1637	Regioselective C–H Active Carbonylation via 1,4-Palladium Migration. Organic Letters, 2023, 25, 2761-2766.	4.6	3
1638	Catalytic and Sustainable Amide Bond Formation using a DABCO/Dichlorotriazine System. ChemCatChem, 2023, 15, .	3.7	2
1639	A one-step base-free synthesis of <i>N</i> -arylamides <i>via</i> modified pivaloyl mixed anhydride mediated amide coupling. Organic and Biomolecular Chemistry, 2023, 21, 3825-3828.	2.8	1
1640	CATALYSIS BY PHOSPHORUS AND SILICON COMPOUNDS IN THE SYNTHESIS OF OXYNAPHTOIC ACID ANILIDES. Ukrainian Chemistry Journal, 2023, 89, 46-59.	0.5	3
1641	A Facile Synthesis and Molecular Characterization of Certain New Anti-Proliferative Indole-Based Chemical Entities. International Journal of Molecular Sciences, 2023, 24, 7862.	4.1	0
1642	A sustainable metal and base-free direct amidation of esters using water as a green solvent. RSC Advances, 2023, 13, 14958-14962.	3.6	0
1643	Synthesis, single crystal X-ray structure determination, Hirshfeld surface analysis, interaction energies, and density functional theory calculations of N,N'-(cyclohexane-1,4-dicarbonothioyl)bis(4-methylbenzamide). Journal of Molecular Structure, 2023, 1287, 135743.	3.6	0
1644	Mechanistic insights into amide formation from aryl epoxides and amines catalyzed by ruthenium pincer complexes: a DFT study. Dalton Transactions, 2023, 52, 8449-8455.	3.3	2
1645	Assessment of Sulfur Impurities in GMP-Grade Diisopropylcarbodiimide and Their Impact on Coupling Reagent-Induced Side Reactions in Peptide Synthesis. Organic Process Research and Development, 2023, 27, 982-992.	2.7	2
1646	Synthesis of Anilides by Aminolysis of Unactivated Esters using MnCl ₂ in Combination with strong Bases as Catalyst. Advanced Synthesis and Catalysis, 2023, 365, 1794-1800.	4.3	1
1647	The Effect of the Mechanical Properties of the 3D Printed Gelatin/Hyaluronic Acid Scaffolds on hMSCs Differentiation Towards Chondrogenesis. Tissue Engineering and Regenerative Medicine, 2023, 20, 593-605.	3.7	2
1648	Development of fluorous boronic acid catalysts integrated with sulfur for enhanced amidation efficiency. RSC Advances, 2023, 13, 17420-17426.	3.6	1
1649	Triflylpyridinium as Coupling Reagent for Rapid Amide and Ester Synthesis. Organic Letters, 2023, 25, 4571-4575.	4.6	5
1650	Nickel/Photoredox-Catalyzed Direct Amidation of Aldehydes with Nitroarenes via Fully Catalytic Process. Organic Letters, 2023, 25, 4592-4597.	4.6	4
1651	N-Methylated tetrapeptide synthesis via sequential filtration procedures based on TeflonTM immobilization utilizing the properties of fluorous 9-fluorenylmethyl ester. Tetrahedron Letters, 2023, , 154606.	1.4	1
1652	Tropyliumâ€BF ₄ as Organocatalyst for Microwaveâ€assisted Beckmann rearrangement in [TMG][BF ₄]: Oneâ€pot conversion of Ketones to Amides. ChemistrySelect, 2023, 8, .	1.5	2

#	Article	IF	CITATIONS
1653	Sulfur-Arylation of Sulfenamides via Ullmann-Type Coupling with (Hetero)aryl Iodides. Organic Letters, 2023, 25, 4759-4764.	4.6	7
1654	Acetyl group for proper protection of β-sugar-amino acids used in SPPS. Amino Acids, 2023, 55, 969-979.	2.7	0
1655	Dipropyleneglycol Dimethylether, New Green Solvent for Solid-Phase Peptide Synthesis: Further Challenges to Improve Sustainability in the Development of Therapeutic Peptides. Pharmaceutics, 2023, 15, 1773.	4.5	1
1656	Visible-light-induced iron-catalyzed synthesis of <i>N</i> -aryl amides from nitroarenes and chloroalkanes. Green Chemistry, 2023, 25, 5735-5740.	9.0	6
1657	Acid Catalyzed Multicomponent Reaction to Access Functionalized Nâ€Benzhydryl Amides: A Tandem Ritter Reaction. European Journal of Organic Chemistry, 2023, 26, .	2.4	1
1658	Diphenyl carbonate mediated synthesis of amides of carboxylic acids: Facile synthesis of drug molecules and drug intermediates. Tetrahedron Letters, 2023, 125, 154621.	1.4	1
1661	Oxidative cleavage and ammoxidation of organosulfur compounds via synergistic Co-Nx sites and Co nanoparticles catalysis. Nature Communications, 2023, 14, .	12.8	6
1662	Elevating 1- <i>tert</i> Butyl-3-ethylcarbodiimide (TBEC) as a Reagent for Sustainable Peptide Synthesis: Quality Assessment and Minimizing Racemization, Precipitation, and Radical-Induced Side Reactions by TBEC/Oxyma Couplings in an Environmentally Sensible Solvent. Organic Process Research and Development. 2023. 27. 1348-1364.	2.7	1
1663	Beyond Amide Bond Formation: TCFH as a Reagent for Esterification. Organic Letters, 0, , .	4.6	4
1664	Synthesis of Bulky <i>N</i> â€Acyl Heterocycles by DMAPO/Boc ₂ Oâ€Mediated Oneâ€Pot Direct <i>N</i> â€Acylation of Less Nucleophilic <i>N</i> â€Heterocycles with αâ€Fully Substituted Carboxylic Acids. Advanced Synthesis and Catalysis, 2023, 365, 2367-2376.	4.3	2
1665	Electrochemical oxidative transamidation of tertiary amines with <i>N</i> -acyl imides to access amide compounds. Synthetic Communications, 2023, 53, 1412-1425.	2.1	1
1667	1,5,7-Triazabicyclo[4.4.0]dec-5-ene: An Effective Catalyst for Amide Formation by Lactone Aminolysis. Journal of Organic Chemistry, 2023, 88, 10086-10095.	3.2	3
1668	Easy and efficient direct conversion of aryl nitrile into aryl amide. Research on Chemical Intermediates, 0, , .	2.7	1
1669	Bronsted Acid-Catalyzed Regioselective Carboxamidation of 2-Indolylmethanols with Isonitriles. Journal of Organic Chemistry, 2023, 88, 10412-10425.	3.2	1
1670	<scp>Iron atalyzed</scp> Amide Bond Formation from Carboxylic Acids and Isocyanates ^{â€} . Chinese Journal of Chemistry, 2023, 41, 3268-3274.	4.9	0
1671	A Coâ€Niâ€CM Heterogeneous Catalyst for the Direct Synthesis of Amides from the Oxidative Coupling of Aldehydes with Nâ€Substituted Formamides. ChemCatChem, 0, , .	3.7	0
1672	Efficient amide formation from nonâ€activated cyclopropyl ester via acyl fluoride generation using hypervalent iodine(III) reagent and Selectfluor Asian Journal of Organic Chemistry, 0, , .	2.7	0
1673	A Sustainable Green Enzymatic Method for Amide Bond Formation. Molecules, 2023, 28, 5706.	3.8	0

#	Article	IF	CITATIONS
1674	Synthesis of diazetidines. , 2023, , 1-42.		0
1675	Chemoselective N-Acylation of Amines with Acylsilanes under Aqueous Acidic Conditions. Organic Letters, 2023, 25, 5740-5744.	4.6	0
1676	Copper Catalyzed Construction of Amide Linkages via Coupling between Unactivated Acids and Amines. Synlett, 0, , .	1.8	0
1677	Synthesis of Dolutegravir Exploiting Continuous Flow Chemistry. Journal of Organic Chemistry, 2023, 88, 12024-12040.	3.2	1
1678	Aminocoumarin derivatives grafted on graphene oxide - new antimicrobial agents to combat the resistance of Mycobacterium tuberculosis and ESKAPE pathogens. Applied Surface Science, 2023, 639, 158224.	6.1	0
1679	Improved chemical synthesis, identification and evaluation of prospective centrally active oxime antidotes for the treatment of nerve agent exposure. Tetrahedron, 2023, 144, 133598.	1.9	Ο
1680	Streamlining the synthesis of amides using Nickel-based nanocatalysts. Nature Communications, 2023, 14, .	12.8	6
1681	Photoinduced desaturative β-C(sp ³)–H amidation of <i>N</i> -phenylpiperidine with phthalimide driven by electron donor–acceptor complexes. Organic Chemistry Frontiers, 0, , .	4.5	Ο
1682	Design and Synthesis of a Palladium(II) Complex of a C _{NHC} NN Pincer-Type <i>N</i> -Heterocyclic Carbene Ligand: Application towards the Oxidative Amidation of Aldehydes with 2-Aminopyridines. Organometallics, 0, , .	2.3	0
1683	Functionalized Amphiphilic Block Copolymers and Complex Emulsions for Selective Sensing of Dissolved Metals at Liquid–Liquid Interfaces. Langmuir, 0, , .	3.5	0
1684	Tin(II) Chloride-Catalyzed Direct Esterification and Amidation of <i>tert</i> -Butyl Esters Using α,α-Dichlorodiphenylmethane Under Mild Conditions. Journal of Organic Chemistry, 2023, 88, 13291-13302.	3.2	1
1685	Direct Synthesis of Formamide from CO ₂ and H ₂ O with Nickel–Iron Nitride Heterostructures under Mild Hydrothermal Conditions. Journal of the American Chemical Society, 2023, 145, 19768-19779.	13.7	2
1686	Continuous-Flow Dehydrative Amidation between Carboxylic Acids and Amines using Modified Mixed Metal Oxides as Solid Acid Catalysts. Catalysis Science and Technology, 0, , .	4.1	0
1687	Synthesis of amides directly from carboxylic acids and hydrazines. Organic and Biomolecular Chemistry, 0, , .	2.8	Ο
1688	A practical approach for oligopeptide synthesis <i>via</i> synergistic photoredox, cobaloxime and organophosphorus triple catalysis. Organic Chemistry Frontiers, 2023, 10, 4895-4904.	4.5	2
1689	Balancing the Push–Pull Effect on the Synthesis and Fluorescent Properties of New ESIPT Dyes for Thin Film Applications. Journal of Physical Chemistry C, 2023, 127, 17624-17636.	3.1	1
1690	Cobalt-Catalyzed Carbonylative Synthesis of 4-Oxobutanoates from Formamide and Ethylene. Organic Letters, 2023, 25, 7417-7421.	4.6	1
1691	Silver-Catalyzed Enantioselective Intermolecular <i> î³</i> -Amination of <i>î²</i> , <i>î³</i> -Unsaturated Amide. Chinese Journal of Organic Chemistry, 2023, 43, 2946.	1.3	0

# 1692	ARTICLE Nâ€elkylation of benzamides/sulfonamides using alcohols via borrowing hydrogen approach by wellâ€elefined Pd (II) pincer complexes. Applied Organometallic Chemistry, 2023, 37	IF 3.5	Citations
1693	Halogen-bonding-mediated synthesis of amides and peptides. Green Chemistry, 0, , .	9.0	0
1694	Green metrics in mechanochemistry. Chemical Society Reviews, 2023, 52, 6680-6714.	38.1	14
1695	Advances in research of ursolic acid and its derivatives as potential drug candidates against various types of lung cancers. Medicinal Chemistry Research, 0, , .	2.4	0
1696	1,3â€Diketoneâ€Mediated Synthesis of Symmetrical Aryl Imides from Activated Amides. Asian Journal of Organic Chemistry, 2023, 12, .	2.7	0
1697	Rutheniumâ€Catalyzed Aminocarbonylation with Isocyanates Through Weak Coordinating Groups. Chemistry - A European Journal, 0, , .	3.3	0
1698	Development of a Practical and Scalable Process for Lifitegrast. Organic Process Research and Development, 2023, 27, 2035-2044.	2.7	1
1699	Phosphite–imidazole catalyzed <i>N</i> -formylation and <i>N</i> -acylation of amines. Organic and Biomolecular Chemistry, 2023, 21, 8182-8189.	2.8	1
1700	Fluoride-Catalyzed Cross-Coupling of Carbamoyl Fluorides and Alkynylsilanes. Organic Letters, 2023, 25, 7369-7373.	4.6	3
1701	Decarboxylative Nickel- and Photoredox-Catalyzed Aminocarbonylation of (Hetero)Aryl Bromides. Organic Letters, 0, , .	4.6	1
1702	Synthesis of non-equivalent diamides and amido-esters via Pd-catalysed carbonylation. , 2024, 3, 202-213.		3
1703	Synthetic Approaches towards Peptideâ€Conjugates of Pt(II) Compounds with an (<i>O</i> , <i>S</i>) Chelating Moiety. European Journal of Inorganic Chemistry, 2023, 26, .	2.0	0
1704	Computer vision as a new paradigm for monitoring of solution and solid phase peptide synthesis. Chemical Science, 0, , .	7.4	0
1705	Probing the Impact of Added Al(OTf) ₃ on DalPhos/Nickel atalyzed <i>N</i> â€Arylations of Amides with (Hetero)aryl Chlorides. European Journal of Organic Chemistry, 2023, 26, .	2.4	0
1706	Dehydrogenative Conversions of Aldehydes and Amines to Amides Catalyzed by a Nickel(II) Pincer Complex. Catalysts, 2023, 13, 1423.	3.5	0
1707	Access to Amides and Lactams via Pyridotriazole as a Transformable Directing Group. Journal of Organic Chemistry, 2023, 88, 15597-15607.	3.2	0
1708	Exploring the Versatility of the Amidation of Aryl Acid Fluorides using the Germylamines R ₃ GeNMe ₂ . Chemistry - an Asian Journal, 2023, 18, .	3.3	0
1709	Integrated Direct-to-Biology Platform for the Nanoscale Synthesis and Biological Evaluation of PROTACs. Journal of Medicinal Chemistry, 2023, 66, 15437-15452.	6.4	1

#	Article	IF	CITATIONS
1710	Atom-Economical Synthesis of <i>N</i> -Arylamides Utilizing Isopropenyl Esters with Heterogeneous Acid Catalysts. ACS Omega, 2023, 8, 44861-44866.	3.5	0
1711	Tandem Electroâ€Thermoâ€Catalysis for the Oxidative Aminocarbonylation of Arylboronic Acids to Amides from CO ₂ and Water. Angewandte Chemie - International Edition, 2024, 63, .	13.8	0
1712	Diazo-carboxyl Click Derivatization Enables Sensitive Analysis of Carboxylic Acid Metabolites in Biosamples. Analytical Chemistry, 2023, 95, 16976-16986.	6.5	1
1713	Photocatalytic C–N bond construction toward high-value nitrogenous chemicals. Chemical Communications, 2023, 59, 14341-14352.	4.1	0
1714	Novel, Robust and Efficient W/Co@g-C3N4 Catalyst Enable Outstanding Performance for the Straightforward Oxidative Amidation of Aldehydes with Amines. Catalysis Letters, 0, , .	2.6	0
1715	Hexylsilane-mediated direct amidation of amino acids with a catalytic amount of 1,2,4-triazole. Organic and Biomolecular Chemistry, 2024, 22, 703-707.	2.8	1
1716	Comprehensive UHPLC–MS screening methods for the analysis of triazolopyrazine precursor and its genotoxic nitroso-derivative in sitagliptin pharmaceutical formulation. Journal of Pharmaceutical and Biomedical Analysis, 2024, 238, 115861.	2.8	1
1717	Triisobutylaluminium-Mediated Regioselective Protection of Sterically Hindered Amide NH of Cyclo-(AA-Gly): Key Building Block for Next-Generation Peptide Synthesis. Synlett, 0, , .	1.8	0
1719	Tandem Electroâ€Thermoâ€Catalysis for the Oxidative Aminocarbonylation of Arylboronic Acids to Amides from CO ₂ and Water. Angewandte Chemie, 2024, 136, .	2.0	0
1720	Redox-Neutral Decarboxylative Cross-Coupling of Oxamates with Aryl Bromides. ACS Organic & Inorganic Au, 0, , .	4.0	0
1721	Exploring Structural and Spectroscopic Properties of Secondary Amide Derivatives Bearing Bulky and Hydrophilic Substituents. ChemistrySelect, 2023, 8, .	1.5	0
1722	Efficient amidation of weak amines: synthesis, chiral separation by SFC, and antimicrobial activity of <i>N</i> -(9,10-dioxo-9,10-dihydroanthracen-1-yl) carboxamide. Organic and Biomolecular Chemistry, 0, ,	2.8	0
1723	Cobalt nanoparticle-catalysed <i>N</i> -alkylation of amides with alcohols. Green Chemistry, 2024, 26, 1471-1477.	9.0	0
1724	Crossing the Solubility Rubicon: 15-Crown-5 Facilitates the Preparation of Water-Soluble Sulfo-NHS Esters in Organic Solvents. Bioconjugate Chemistry, 0, , .	3.6	0
1725	Epimerisation in Peptide Synthesis. Molecules, 2023, 28, 8017.	3.8	1
1726	Synthesis of Macrolactams from Macrolactones Using Ru-/Ir-Catalytic System under Neutral Conditions. Organic Letters, 2023, 25, 9058-9063.	4.6	0
1727	Crossâ€Linked Pseudopeptides via Pdâ€Catalyzed Carbonylative Coupling of αâ€Amino Acid Iodides with αâ€Am Acid Esters in the Presence of a CO Surrogate. European Journal of Organic Chemistry, 2023, 26, .	nino 2.4	1
1728	Mechanism of Hydroxylamine Hydrochloride atalyzed Transamidation: Covalent Catalysis over Hydrogen Bonding. ChemistrySelect, 2023, 8, .	1.5	0

#	Article	IF	CITATIONS
1729	Enantioselective Synthesis of N–N Amide–Pyrrole Atropisomers via Paal–Knorr Reaction. Organic Letters, 0, , .	4.6	0
1731	Nanocellulose as a Reaction Media and Stoichiometric Reagent for FeCl ₃ -Mediated Reductive Functionalization of Nitro Compounds. ACS Sustainable Chemistry and Engineering, 0, , .	6.7	0
1732	The use of microwave radiations and propylphosphonic anhydride (T3P®) for rapid and highly yielding amide bond formation and peptide coupling. Tetrahedron, 2024, 151, 133813.	1.9	0
1733	Copper-Catalyzed Carbonylation Reactions: A Personal Account. Synthesis, 0, , .	2.3	0
1734	Aminocarbonylation Reaction Using a Pd–Sn Heterobimetallic Catalyst: Three-Component Coupling for Direct Access of the Amide Functionality. Journal of Organic Chemistry, 2024, 89, 1010-1017.	3.2	0
1735	Palladium-Catalyzed Chelation-Assisted Aldehyde C–H Bond Activation of Quinoline-8-carbaldehydes: Synthesis of Amides from Aldehydes with Anilines and Other Amines. Journal of Organic Chemistry, 2024, 89, 1058-1063.	3.2	1
1736	Leveraging the Redox Promiscuity of Nickel To Catalyze C–N Coupling Reactions. Journal of Organic Chemistry, 0, , .	3.2	0
1737	Porous Zn-TCPP interlayer with active reaction sites modulates membrane physicochemical properties to improve nanofiltration performance. Desalination, 2024, 576, 117354.	8.2	1
1738	Visible Light-Promoted Oxidative Cross-Coupling of Alcohols to Esters. Molecules, 2024, 29, 570.	3.8	0
1739	Ring Opening of <i>N</i> -Acyl Lactams Using Nickel-Catalyzed Transamidation. Journal of Organic Chemistry, 2024, 89, 1336-1344.	3.2	Ο
1740	<i>Nâ€≺/i>Carboxyanhydrides (NCAs): Unorthodox and Useful Reagents for Amide Synthesis. European Journal of Organic Chemistry, 2024, 27, .</i>	2.4	0
1741	Synthesis, characterization, electron paramagnetic property and catalytic amidation of binuclear ruthenium(III) complexes. Inorganica Chimica Acta, 2024, 563, 121907.	2.4	Ο
1742	Targeting apoptosis; design, synthesis and biological evaluation of new benzoxazole and thiazole based derivatives. BMC Chemistry, 2024, 18, .	3.8	0
1743	Broad Spectrum Enantioselective Amide Bond Synthetase from <i>Streptoalloteichus hindustanus</i> . ACS Catalysis, 2024, 14, 1021-1029.	11.2	Ο
1744	Synthesis of Chroman-2,4-diones via Ring-Opening/Ring-Closing Reaction Involving Palladium-Catalyzed Intramolecular Aryloxycarbonylation. Journal of Organic Chemistry, 2024, 89, 1175-1183.	3.2	0
1745	A Metalâ€Free System for Conversion of Alcohols to Amides Using <i>tert</i> â€Butyl Nitrite. Asian Journal of Organic Chemistry, 2024, 13, .	2.7	Ο
1746	Access to α-all-carbon quaternary amides through the hydroamidation of allenes using DIBAL-H and isocyanates. Organic Chemistry Frontiers, 2024, 11, 1366-1371.	4.5	0
1747	Electrochemical Benzylic C(sp ³)–H Direct Amidation. Organic Letters, 2024, 26, 653-657.	4.6	0

#	Article	IF	CITATIONS
1748	Minisciâ€Type Carbamoylation of Azauracils with Oxamic Acids. European Journal of Organic Chemistry, 2024, 27, .	2.4	0
1749	Visible-Light-Induced Synthesis of 1,2-Dicarboxyl Compounds from Carbon Dioxide, Carbamoyl-dihydropyridine, and Styrene. Organic Letters, 2024, 26, 860-865.	4.6	0
1750	Diastereoselective and Reversible Metallacycle Formation by Attack of a Pt-PR ₂ OH Group on a Coordinated Nitrile in Pt-Catalyzed Hydration. Organometallics, 2024, 43, 381-394.	2.3	0
1751	High stretchable and tough xylan-g-gelatin hydrogel via the synergy of chemical cross-linking and salting out for strain sensors. International Journal of Biological Macromolecules, 2024, 261, 129759.	7.5	0
1752	Exploring an Optimised Approach for Converting 6â€Thioguanosine Derivatives to Asymmetric Disulphides. European Journal of Organic Chemistry, 2024, 27, .	2.4	0
1753	Synthesis of 2-Amino-N′-aroyl(het)arylhydrazides, DNA Photocleavage, Molecular Docking and Cytotoxicity Studies against Melanoma CarB Cell Lines. Molecules, 2024, 29, 647.	3.8	0
1754	Catalyst-free anti-Markovnikov hydroamination and hydrothiolation of vinyl heteroarenes in aqueous medium: an improved process towards centhaquine. Organic and Biomolecular Chemistry, 2024, 22, 1721-1726.	2.8	0
1755	Metal-Catalyzed C–N Bond Forming Reaction Selection and Process Development for the Manufacture of AZD7594. Organic Process Research and Development, 2024, 28, 559-576.	2.7	0
1756	(<i>o</i> -CF ₃ PhO) ₃ P as a simple coupling reagent for direct amidation <i>via</i> activation of amines. Organic Chemistry Frontiers, 2024, 11, 1796-1803.	4.5	0
1757	Catalytic Synthesis of Carbonyl Compounds Using Acyl Fluorides, Carbamoyl Fluorides, and Fluoroformates: An Overview. Asian Journal of Organic Chemistry, 0, , .	2.7	0
1758	Photoinduced amination of iodoalkanes enabled by bifunctional <i>O</i> -benzoyl oxime. Organic Chemistry Frontiers, 2024, 11, 1949-1954.	4.5	0
1759	TiF ₄ -catalyzed direct amidation of carboxylic acids and amino acids with amines. Organic and Biomolecular Chemistry, 2024, 22, 1915-1919.	2.8	0
1760	Establishment of a steroid binding assay for goldfish membrane progesterone receptor (mPR) by coupling with graphene quantum dots (GQDs). Fish Physiology and Biochemistry, 0, , .	2.3	0
1761	Titanium Tetrachloride-Assisted Direct Esterification of Carboxylic Acids. Molecules, 2024, 29, 777.	3.8	0
1762	Copper-catalyzed carbonylative multi-component borylamidation of alkenes for synthesizing Î ³ -boryl amides with CO as both methylene and carbonyl sources. Chemical Science, 2024, 15, 3996-4004.	7.4	0
1763	Callic acid: design of a pyrogallol-containing hydrogel and its biomedical applications. Biomaterials Science, 2024, 12, 1405-1424.	5.4	0
1764	"In-situ―formation of elastin-like recombinamer hydrogels with tunable viscoelasticity through efficient one-pot process. Materials Today Bio, 2024, 25, 100999.	5.5	0
1765	DMAPO/Boc ₂ Oâ€Mediated Oneâ€Pot Direct <i>N</i> 1â€Acylation of Indazole with Carboxylic Acids: A Practical Synthesis of <i>N</i> 1â€Functionalized Alkyl Indazoles. European Journal of Organic Chemistry, 0, , .	2.4	0

#	Article	IF	CITATIONS
1766	Derivatization of carboxylic groups prior to their LC analysis – A review. Analytica Chimica Acta, 2024, 1300, 342435.	5.4	0
1767	IMesCuCl/TBHP system for aqueous oxidative amidation: Synthesis of new amide derivatives as EGFR targeting anti-breast cancer agents and computational studies. Journal of Molecular Structure, 2024, 1308, 137922.	3.6	0
1768	Synthesis of Novel Amide Derivatives of the Sesquiterpene Aryl-himachalene. Organic Preparations and Procedures International, 0, , 1-7.	1.3	0
1769	An Overview of Peptides and Peptide Pools for Antigen-Specific Stimulation in T-Cell Assays. Methods in Molecular Biology, 2024, , 29-50.	0.9	0
1770	Copper-catalyzed synthesis of primary amides through reductive N–O cleavage of dioxazolones. RSC Advances, 2024, 14, 9440-9444.	3.6	0
1771	C–C and C–N bond formation in electro-oxidation reactions of aromatic compounds. Current Research in Green and Sustainable Chemistry, 2024, 8, 100406.	5.6	0
1772	Synthesis and Characterization of New Nanohybrids Based on Carboxymethyl Scleroglucan and Silica Nanoparticles. Nanomaterials, 2024, 14, 499.	4.1	0
1773	Recent progress in the synthesis of <i>N</i> -substituted arylamines by reductive cross-coupling of nitroarenes. Organic Chemistry Frontiers, 2024, 11, 2638-2664.	4.5	0