# Alex Domling

List of Publications by Year
in descending order

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| 282 | 22,986 | 23500 58 | 9073 144 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 322 | 322 | 322 | 13860 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Recent Developments in Isocyanide Based Multicomponent Reactions in Applied Chemistry. Chemical Reviews, 2006, 106, 17-89. | 23.0 | 3,851 |
| 2 | Multicomponent Reactions with Isocyanides. Angewandte Chemie - International Edition, 2000, 39, 3168-3210. | 7.2 | 3,733 |
| 3 | Chemistry and Biology Of Multicomponent Reactions. Chemical Reviews, 2012, 112, 3083-3135. | 23.0 | 2,038 |
| 4 | Multicomponent reactions in organic chemistry. Endeavour, 1994, 18, 115-122. | 0.1 | 534 |
| 5 | Recent advances in isocyanide-based multicomponent chemistry. Current Opinion in Chemical Biology, 2002, 6, 306-313. | 2.8 | 455 |
| 6 | The Chemistry of Isocyanides, their MultiComponent Reactions and their Libraries. Molecules, 2003, 8, 53-66. | 1.7 | 404 |
| 7 | Tetrazoles via Multicomponent Reactions. Chemical Reviews, 2019, 119, 1970-2042. | 23.0 | 403 |
| 8 | Structure of the Complex of Human Programmed Death 1, PD-1, and Its Ligand PD-L1. Structure, 2015, 23, 2341-2348. | 1.6 | 399 |
| 9 | Structural basis for small molecule targeting of the programmed death ligand 1 (PD-L1). Oncotarget, 2016, 7, 30323-30335. | 0.8 | 297 |
| 10 | Since 1995 the new chemistry of multicomponent reactions and their libraries, including their heterocyclic chemistry. Journal of Heterocyclic Chemistry, 2000, 37, 647-658. | 1.4 | 256 |
| 11 | Structural Biology of the Immune Checkpoint Receptor PD-1 and Its Ligands PD-L1/PD-L2. Structure, 2017, 25, 1163-1174. | 1.6 | 253 |
| 12 | Small-Molecule Inhibitors of the Programmed Cell Death-1/Programmed Death-Ligand 1 (PD-1/PD-L1) Interaction via Transiently Induced Protein States and Dimerization of PD-L1. Journal of Medicinal Chemistry, 2017, 60, 5857-5867. | 2.9 | 242 |
| 13 | Small-molecule inhibitors of PD-1/PD-L1 immune checkpoint alleviate the PD-L1-induced exhaustion of T-cells. Oncotarget, 2017, 8, 72167-72181. | 0.8 | 221 |
| 14 | Structures of low molecular weight inhibitors bound to MDMX and MDM2 reveal new approaches for p53-MDMX/MDM2 antagonist drug discovery. Cell Cycle, 2010, 9, 1104-1111. | 1.3 | 217 |
| 15 | Multicomponent Reactions, Union of <scp>MCRs</scp> and Beyond. Chemical Record, 2015, 15, 981-996. | 2.9 | 214 |
| 16 | Covalent inhibitors: a rational approach to drug discovery. RSC Medicinal Chemistry, 2020, 11, 876-884. | 1.7 | 187 |
| 17 | The discovery of new isocyanide-based multi-component reactions. Current Opinion in Chemical Biology, 2000, 4, 318-323. | 2.8 | 178 |
| 18 | Isocyanide Based Multi Component Reactions in Combinatorial Chemistry. Combinatorial Chemistry and High Throughput Screening, 1998, 1, 1-22. | 0.6 | 156 |

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| 19 | The Structureâ€Based Design of Mdm2/Mdmxâ€“p53 Inhibitors Gets Serious. Angewandte Chemie - International Edition, 2011, 50, 2680-2688. | 7.2 | 150 |
| 20 | The Gewald multicomponent reaction. Molecular Diversity, 2011, 15, 3-33. | 2.1 | 145 |
| 21 | Robust Generation of Lead Compounds for Proteinâ€“Protein Interactions by Computational and MCR Chemistry: p53/Hdm2 Antagonists. Angewandte Chemie - International Edition, 2010, 49, 5352-5356. | 7.2 | 136 |
| 22 | Small molecular weight proteinâ€“protein interaction antagonistsâ€”an insurmountable challenge?. Current Opinion in Chemical Biology, 2008, 12, 281-291. | 2.8 | 133 |
| 23 | Bioactive Macrocyclic Inhibitors of the PDâ€1/PDâ€L1 Immune Checkpoint. Angewandte Chemie - International Edition, 2017, 56, 13732-13735. | 7.2 | 131 |
| 24 | The Seven-Component Reaction**. Angewandte Chemie International Edition in English, 1993, 32, 563-564. | 4.4 | 127 |
| 25 | Massive Parallel Catalyst Screening:â€‰ Toward Asymmetric MCRs. Organic Letters, 2003, 5, 4021-4024. | 2.4 | 126 |
| 26 | Stapled Peptides Inhibitors: A New Window for Target Drug Discovery. Computational and Structural Biotechnology Journal, 2019, 17, 263-281. | 1.9 | 118 |
| 27 | Survivin Is a Therapeutic Target in Merkel Cell Carcinoma. Science Translational Medicine, 2012, 4, 133ra56. | 5.8 | 117 |
| 28 | Modern multicomponent reactions for better drug syntheses. Organic Chemistry Frontiers, 2014, 1, 834-837. | 2.3 | 116 |
| 29 | Biological evaluation of tubulysin A: a potential anticancer and antiangiogenic natural product. Biochemical Journal, 2006, 396, 235-242. | 1.7 | 114 |
| 30 | PROTACsâ€“ a game-changing technology. Expert Opinion on Drug Discovery, 2019, 14, 1255-1268. | 2.5 | 113 |
| 31 | Short and Diverse Route Toward Complex Natural Product-Like Macrocycles. Organic Letters, 2003, 5, 1047-1050. | 2.4 | 109 |
| 32 | Immune Checkpoint PDâ€1/PDâ€L1: Is There Life Beyond Antibodies?. Angewandte Chemie - International Edition, 2018, 57, 4840-4848. | 7.2 | 109 |
| 33 | Development of the Inhibitors That Target the PD-1/PD-L1 Interactionâ€”A Brief Look at Progress on Small Molecules, Peptides and Macrocycles. Molecules, 2019, 24, 2071. | 1.7 | 106 |
| 34 | A patent review on PD-1/PD-L1 antagonists: small molecules, peptides, and macrocycles (2015-2018). Expert Opinion on Therapeutic Patents, 2018, 28, 665-678. | 2.4 | 105 |
| 35 | The Groebkeâ€Blackburnâ€BienaymÃ© Reaction. European Journal of Organic Chemistry, 2019, 2019, 7007-7049. | 1.2 | 100 |
| 36 | Total Synthesis of Tubulysin U and V. Angewandte Chemie - International Edition, 2006, 45, 7235-7239. | 7.2 | 99 |

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| 37 | Chemistry and Biology of SARS-CoV-2. CheM, 2020, 6, 1283-1295. | 5.8 | 98 |
| 38 | A Novel Three-Component Butenolide Synthesis. Organic Letters, 2001, 3, 2875-2878. | 2.4 | 94 |
| 39 | Enabling Large-Scale Design, Synthesis and Validation of Small Molecule Protein-Protein Antagonists. PLoS ONE, 2012, 7, e32839. | 1.1 | 90 |
| 40 | Inhibitors of programmed cell death 1 (PD-1): a patent review (2010-2015). Expert Opinion on Therapeutic Patents, 2016, 26, 973-977. | 2.4 | 89 |
| 41 | Cyanoacetamide MCR (III): Three-Component Gewald Reactions Revisited. ACS Combinatorial Science, 2010, 12, 111-118. | 3.3 | 88 |
| 42 | Piperazine Scaffolds via Isocyanide-Based Multicomponent Reactions. Synthesis, 2010, 2010, 2859-2883. | 1.2 | 87 |
| 43 | How To Design a Successful p53â€“MDM2/X Interaction Inhibitor: A Thorough Overview Based on Crystal Structures. ChemMedChem, 2016, 11, 757-772. | 1.6 | 84 |
| 44 | Efficient and Diverse Synthesis of Indole Derivatives. Journal of Organic Chemistry, 2009, 74, 6895-6898. | 1.7 | 82 |
| 45 | One-pot synthesis and biological evaluation of aspergillamides and analogues. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 1701-1705. | 1.0 | 77 |
| 46 | Efficient Multicomponent Reaction Synthesis of the Schistosomiasis Drug Praziquantel. Chemistry - A European Journal, 2010, 16, 12296-12298. | 1.7 | 77 |
| 47 | Strategies for the production of long-acting therapeutics and efficient drug delivery for cancer treatment. Biomedicine and Pharmacotherapy, 2019, 113, 108750. | 2.5 | 73 |
| 48 | Polycyclic indole alkaloid-type compounds by MCR. Chemical Communications, 2010, 46, 770-772. | 2.2 | 71 |
| 49 | The p53-MDM2/MDMX axis â€“ A chemotype perspective. MedChemComm, 2011, 2, 246. | 3.5 | 68 |
| 50 | Arginase as a Potential Biomarker of Disease Progression: A Molecular Imaging Perspective. International Journal of Molecular Sciences, 2020, 21, 5291. | 1.8 | 66 |
| 51 | Praziquantel and Schistosomiasis. ChemMedChem, 2010, 5, 1420-1434. | 1.6 | 64 |
| 52 | Mdm2 and MdmX inhibitors for the treatment of cancer: a patent review (2011 â€“ present). Expert Opinion on Therapeutic Patents, 2013, 23, 425-448. | 2.4 | 64 |
| 53 | New MCRs: The first 4-component reaction leading to 2,4-disubstituted thiazoles. Molecular Diversity, 2000, 6, 297-313. | 2.1 | 63 |
| 54 | 1,4â€Thienodiazepineâ€2,5â€diones via MCR (I): Synthesis, Virtual Space and p53â€Mdm2 Activity. Chemical Biology and Drug Design, 2010, 76, 116-129. | 1.5 | 63 |

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| 55 | Efficient Isocyanide-less Isocyanide-Based Multicomponent Reactions. Organic Letters, 2015, 17, 2002-2005. | 2.4 | 63 |
| 56 | Programmed Deathâ€1: Therapeutic Success after More than 100â€...Years of Cancer Immunotherapy. Angewandte Chemie - International Edition, 2014, 53, 2286-2288. | 7.2 | 62 |
| 57 | Update on targeted cancer therapies, single or in combination, and their fine tuning for precision medicine. Biomedicine and Pharmacotherapy, 2020, 125, 110009. | 2.5 | 62 |
| 58 | Highly Substituted Pyrrolidinones and Pyridones by 4-CR/2-CR Sequence. Organic Letters, 2004, 6, 39-42. | 2.4 | 59 |
| 59 | Polycyclic Compounds by Ugiâ˜Pictetâ˜Spengler Sequence. Journal of Organic Chemistry, 2011, 76, 637-644. | 1.7 | 58 |
| 60 | Multicomponent Synthesis of Diverse 1,4-Benzodiazepine Scaffolds. Organic Letters, 2012, 14, 5916-5919. | 2.4 | 58 |
| 61 | MCR Synthesis of Praziquantel Derivatives. Chemical Biology and Drug Design, 2012, 79, 470-477. | 1.5 | 58 |
| 62 | Isocyanide Multicomponent Reactions on Solid-Phase-Coupled DNA Oligonucleotides for Encoded Library Synthesis. Organic Letters, 2019, 21, 7238-7243. | 2.4 | 58 |
| 63 | Repurposing the HCV NS3â€“4A protease drug boceprevir as COVID-19 therapeutics. RSC Medicinal Chemistry, 2021, 12, 370-379. | 1.7 | 58 |
| 64 | MCR V: the Seven-Component Reaction.. Acta Chemica Scandinavica, 1998, 52, 107-113. | 0.7 | 58 |
| 65 | Transient Protein States in Designing Inhibitors of the MDM2-p53 Interaction. Structure, 2013, 21, 2143-2151. | 1.6 | 57 |
| 66 | Versatile Multicomponent Reaction Macrocycle Synthesis Using Î±-Isocyano-ï‰-carboxylic Acids. Organic Letters, 2015, 17, 4980-4983. | 2.4 | 55 |
| 67 | Isocyanide 2.0. Green Chemistry, 2020, 22, 6902-6911. | 4.6 | 53 |
| 68 | Simultaneous assembly of the Î²-lactam and thiazole moiety by a new multicomponent reaction. Tetrahedron Letters, 2002, 43, 6897-6901. | 0.7 | 52 |
| 69 | Cyanoacetamide Multicomponent Reaction (I): Parallel Synthesis Of Cyanoacetamides. ACS Combinatorial Science, 2009, 11, 920-927. | 3.3 | 52 |
| 70 | Parallel Synthesis of Arrays of Amino-Acid-Derived Isocyanoamides Useful As Starting Materials in IMCR. ACS Combinatorial Science, 2006, 8, 872-880. | 3.3 | 51 |
| 71 | Design and modular parallel synthesis of a MCR derived Î±-helix mimetic proteinâ€“protein interaction inhibitor scaffold. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 1740-1743. | 1.0 | 51 |
| 72 | Triglyceride profiling in adipose tissues from obese insulin sensitive, insulin resistant and type 2 diabetes mellitus individuals. Journal of Translational Medicine, 2018, 16, 175. | 1.8 | 51 |

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| 73 | Efficient Assembly of Iminodicarboxamides by a â€œTrulyâ€•Fourâ€Component Reaction. Angewandte Chemie - International Edition, 2012, 51, 10280-10283. | 7.2 | 50 |
| 74 | Exhaustive Fluorine Scanning toward Potent p53â€“Mdm2 Antagonists. ChemMedChem, 2012, 7, 49-52. | 1.6 | 50 |
| 75 | Tritylamine as an Ammonia Surrogate in the Ugi Tetrazole Synthesis. Organic Letters, 2013, 15, 639-641. | 2.4 | 50 |
| 76 | TEADâ€“YAP Interaction Inhibitors and MDM2 Binders from DNAâ€Encoded Indoleâ€Focused Ugi Peptidomimetics. Angewandte Chemie - International Edition, 2020, 59, 20338-20342. | 7.2 | 50 |
| 77 | Atorvastatin (Lipitor) by MCR. ACS Medicinal Chemistry Letters, 2019, 10, 389-392. | 1.3 | 49 |
| 78 | Efficient Synthesis Of Arrays Of Amino Acid Derived Ugi Products With Subsequent Amidation. ACS Combinatorial Science, 2009, 11, 403-409. | 3.3 | 46 |
| 79 | An efficient Passerini tetrazole reaction (PT-3CR). Green Chemistry, 2016, 18, 3718-3721. | 4.6 | 44 |
| 80 | Die Siebenkomponentenreaktion. Angewandte Chemie, 1993, 105, 634-635. | 1.6 | 42 |
| 81 | Myxobacterial epothilones and tubulysins as promising anticancer agents. Molecular Diversity, 2005, 9, 141-147. | 2.1 | 42 |
| 82 | Terphenyl-Based Small-Molecule Inhibitors of Programmed Cell Death-1/Programmed Death-Ligand 1 Proteinâ€“Protein Interaction. Journal of Medicinal Chemistry, 2021, 64, 11614-11636. | 2.9 | 42 |
| 83 | Convergent multicomponent assembly of 2-acyloxymethyl thiazoles. Tetrahedron Letters, 2003, 44, 8947-8950. | 0.7 | 41 |
| 84 | Rational Development of a Potent 15-Lipoxygenase-1 Inhibitor with in Vitro and ex Vivo Anti-inflammatory Properties. Journal of Medicinal Chemistry, 2015, 58, 7850-7862. | 2.9 | 40 |
| 85 | Acoustic Droplet Ejection Enabled Automated Reaction Scouting. ACS Central Science, 2019, 5, 451-457. | 5.3 | 40 |
| 86 | Various cyclization scaffolds by a truly Ugi 4-CR. Organic and Biomolecular Chemistry, 2013, 11, 4792. | 1.5 | 38 |
| 87 | Discovery of Highly Potent p53-MDM2 Antagonists and Structural Basis for Anti-Acute Myeloid Leukemia Activities. ACS Chemical Biology, 2014, 9, 802-811. | 1.6 | 38 |
| 88 | Artificial Macrocycles by Ugi Reaction and Passerini Ring Closure. Journal of Organic Chemistry, 2016, 81, 8789-8795. | 1.7 | 37 |
| 89 | Twoâ€Step Synthesis of Complex Artificial Macrocyclic Compounds. Angewandte Chemie - International Edition, 2017, 56, 10725-10729. | 7.2 | 37 |
| 90 | P53 Mdm2 Inhibitors. Current Pharmaceutical Design, 2012, 18, 4668-4678. | 0.9 | 36 |

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| 91 | Convergent Threeâ€Component Tetrazole Synthesis. European Journal of Organic Chemistry, 2016, 2016, 2383-2387. | 1.2 | 36 |
| 92 | Automated and accelerated synthesis of indole derivatives on a nano-scale. Green Chemistry, 2019, 21, 225-232. | 4.6 | 36 |
| 93 | Molecular libraries in liquid phase via UGI-MCR. Research on Chemical Intermediates, 1996, 22, 625-644. | 1.3 | 35 |
| 94 | De Novo Assembly of Highly Substituted Morpholines and Piperazines. Organic Letters, 2017, 19, 642-645. | 2.4 | 35 |
| 95 | Rapid and Efficient Hydrophilicity Tuning of p53/mdm2 Antagonists. ACS Combinatorial Science, 2009, 11, 631-639. | 3.3 | 34 |
| 96 | Cyanoacetamides (IV): Versatile One-Pot Route to 2-Quinoline-3-carboxamides. ACS Combinatorial Science, 2012, 14, 316-322. | 3.8 | 34 |
| 97 | Two-Step Macrocycle Synthesis by Classical Ugi Reaction. Journal of Organic Chemistry, 2018, 83, 1441-1447. | 1.7 | 34 |
| 98 | Efficient C2 functionalisation of 2H-2-imidazolines. Organic and Biomolecular Chemistry, 2008, 6, 130-137. | 1.5 | 33 |
| 99 | Molecular hybridization design and synthesis of novel spirooxindole-based MDM2 inhibitors endowed with BCL2 signaling attenuation; a step towards the next generation p53 activators. Bioorganic Chemistry, 2021, 117, 105427. | 2.0 | 33 |
| 100 | 1-Isocyanomethylbenzotriazole and 2,2,4,4-tetramethylbutylisocyanideâ€"cleavable isocyanides useful for the preparation of Î±-aminomethyl tetrazoles. Tetrahedron Letters, 2006, 47, 4289-4291. | 0.7 | 32 |
| 101 | Robust NMR Screening for Lead Compounds Using Tryptophan-Containing Proteins. Journal of the American Chemical Society, 2009, 131, 7500-7501. | 6.6 | 32 |
| 102 | 2,3â€²-Bis(1â€²H-indole) heterocycles: New p53/MDM2/MDMX antagonists. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 5661-5666. | 1.0 | 32 |
| 103 | Concise Synthesis of Tetrazoleâ€"Ketopiperazines by Two Consecutive Ugi Reactions. European Journal of Organic Chemistry, 2015, 2015, 51-55. | 1.2 | 32 |
| 104 | Î±â€Amino Acidâ€Isosteric Î±â€Amino Tetrazoles. Chemistry - A European Journal, 2016, 22, 3009-3018. | 1.7 | 32 |
| 105 | The Catalytic Enantioselective Ugi Fourâ€Component Reactions. Angewandte Chemie - International Edition, 2018, 57, 16266-16268. | 7.2 | 32 |
| 106 | Novel anti-tuberculosis agents from MCR libraries. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 5483-5486. | 1.0 | 31 |
| 107 | A Unique Mdm2-Binding Mode of the 3-Pyrrolin-2-one- and 2-Furanone-Based Antagonists of the p53-Mdm2 Interaction. ACS Chemical Biology, 2016, 11, 3310-3318. | 1.6 | 31 |
| 108 | A new 5,6-dihydro-2H-1,3-oxazine synthesis via Asigner-type condensation. Tetrahedron, 1993, 49, 9495-9500. | 1.0 | 30 |

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| 109 | Design of a novel thiophene inhibitor of 15-lipoxygenase-1 with both anti-inflammatory and neuroprotective properties. European Journal of Medicinal Chemistry, 2016, 122, 786-801. | 2.6 | 30 |
| 110 | Rational design and synthesis of 1,5-disubstituted tetrazoles as potent inhibitors of the MDM2-p53 interaction. European Journal of Medicinal Chemistry, 2017, 126, 384-407. | 2.6 | 30 |
| 111 | Rapid approach to complex boronic acids. Science Advances, 2019, 5, eaaw4607. | 4.7 | 30 |
| 112 | Multicomponent Reactions: â€œKinderleichtâ€• Journal of Chemical Education, 2020, 97, 3739-3745. | 1.1 | 30 |
| 113 | Design, Synthesis, and Biological Evaluation of Imidazopyridines as PD-1/PD-L1 Antagonists. ACS Medicinal Chemistry Letters, 2021, 12, 768-773. | 1.3 | 30 |
| 114 | Cyanamide in isocyanide-based MCRs. Tetrahedron Letters, 2006, 47, 1745-1747. | 0.7 | 29 |
| 115 | (â^')-Bacillamide C: the convergent approach. Organic and Biomolecular Chemistry, 2010, 8, 529-532. | 1.5 | 29 |
| 116 | Screening Multicomponent Reactions for X-Linked Inhibitor of Apoptosis-Baculoviral Inhibitor of Apoptosis Protein Repeats Domain Binder. Journal of Medicinal Chemistry, 2011, 54, 890-900. | 2.9 | 29 |
| 117 | Tricycles by a New Ugi Variation and Pictetâ€“Spengler Reaction in One Pot. Chemistry - A European Journal, 2013, 19, 8048-8052. | 1.7 | 29 |
| 118 | 1,4,5-Trisubstituted Imidazole-Based p53â€“MDM2/MDMX Antagonists with Aliphatic Linkers for Conjugation with Biological Carriers. Journal of Medicinal Chemistry, 2017, 60, 4234-4244. | 2.9 | 29 |
| 119 | <scp>A</scp>nchor<scp>Q</scp>uery: <scp>R</scp>apid online virtual screening for smallâ€molecule proteinâ€“protein interaction inhibitors. Protein Science, 2018, 27, 229-232. | 3.1 | 29 |
| 120 | Multicomponent Peptide Stapling as a Diversityâ€Driven Tool for the Development of Inhibitors of Proteinâ€“Protein Interactions. Angewandte Chemie - International Edition, 2020, 59, 5235-5241. | 7.2 | 29 |
| 121 | A novel method to highly versatile monomeric PNA building blocks by multi component reactions. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 2871-2874. | 1.0 | 28 |
| 122 | Leuckartâ€“Wallach Route Toward Isocyanides and Some Applications. ACS Combinatorial Science, 2015, 17, 493-499. | 3.8 | 28 |
| 123 | Artificial Macrocycles as Potent p53â€“MDM2 Inhibitors. ACS Medicinal Chemistry Letters, 2017, 8, 1025-1030. | 1.3 | 28 |
| 124 | Novel nonpeptidic inhibitors of HIV-1 protease obtained via a new multicomponent chemistry strategy. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 3121-3125. | 1.0 | 26 |
| 125 | MCR synthesis of a tetracyclic tetrazole scaffold. Bioorganic and Medicinal Chemistry, 2015, 23, 2699-2715. | 1.4 | 26 |
| 126 | Unconventional Passerini Reaction toward Î±-Aminoxy-amides. Organic Letters, 2016, 18, 6396-6399. | 2.4 | 26 |

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| 127 | N-Hydroxyimide Ugi Reaction toward Î±-Hydrazino Amides. Organic Letters, 2017, 19, 1228-1231. | 2.4 | 26 |
| 128 | A Systematic Protein Refolding Screen Method using the DGR Approach Reveals that Time and Secondary TSA are Essential Variables. Scientific Reports, 2017, 7, 9355. | 1.6 | 26 |
| 129 | TheÎ²-Lactam-Nucleoside Chimera. Angewandte Chemie International Edition in English, 1995, 34, 2238-2239. | 4.4 | 25 |
| 130 | Employment of a steroidal aldehyde in a new synthesis of Î²-lactam derivatives. Tetrahedron, 1995, 51, 9519-9522. | 1.0 | 25 |
| 131 | 1,4â€Thienodiazepineâ€2,5â€diones via MCR (II): Scaffold Hopping by Gewald and Ugiâ€Deprotectionâ€Cyclization Strategy. Chemical Biology and Drug Design, 2010, 76, 130-141. | 1.5 | 25 |
| 132 | Hydrazine in the Ugi Tetrazole Reaction. Synthesis, 2016, 48, 1122-1130. | 1.2 | 25 |
| 133 | Multicomponent reactionâ€“derived covalent inhibitor space. Science Advances, 2021, 7, . | 4.7 | 24 |
| 134 | A Universal Isocyanide for Diverse Heterocycle Syntheses. Organic Letters, 2014, 16, 5736-5739. | 2.4 | 23 |
| 135 | Concise Synthesis of Tetrazole Macrocycle. Organic Letters, 2017, 19, 5078-5081. | 2.4 | 23 |
| 136 | Macrocycles: MCR synthesis and applications in drug discovery. Drug Discovery Today: Technologies, 2018, 29, 11-17. | 4.0 | 23 |
| 137 | Artificial Macrocycles. Synlett, 2018, 29, 1136-1151. | 1.0 | 23 |
| 138 | 1,3,4-Oxadiazoles by Ugi-Tetrazole and Huisgen Reaction. Organic Letters, 2019, 21, 7320-7323. | 2.4 | 23 |
| 139 | The tale of proteolysis targeting chimeras (PROTACs) for Leucineâ€Rich Repeat Kinase 2 (LRRK2). ChemMedChem, 2021, 16, 959-965. | 1.6 | 23 |
| 140 | TNF-Î±: The shape of small molecules to come?. Drug Discovery Today, 2022, 27, 3-7. | 3.2 | 23 |
| 141 | A new and efficient multicomponent solid-phase synthesis of 2-acylaminomethylthiazoles. Tetrahedron Letters, 2003, 44, 3679-3682. | 0.7 | 22 |
| 142 | Discovery of a Potent Allosteric Kinase Modulator by Combining Computational and Synthetic Methods. Angewandte Chemie - International Edition, 2015, 54, 13933-13936. | 7.2 | 22 |
| 143 | Multicomponent Reaction Based Synthesis of 1-Tetrazolylimidazo[1,5-a]pyridines. Organic Letters, 2018, 20, 3871-3874. | 2.4 | 22 |
| 144 | Synthetic Peptides That Antagonize the Angiotensin-Converting Enzyme-2 (ACE-2) Interaction with SARS-CoV-2 Receptor Binding Spike Protein. Journal of Medicinal Chemistry, 2022, 65, 2836-2847. | 2.9 | 22 |

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| 145 | Design, Synthesis, Chemical and Biochemical Insights Into Novel Hybrid Spirooxindole-Based p53-MDM2 Inhibitors With Potential Bcl2 Signaling Attenuation. Frontiers in Chemistry, 2021, 9, 735236. | 1.8 | 22 |
| 146 | Polymer-Bound 3-N,N-(Dimethylamino)-2-isocyanoacrylate for the Synthesis of Thiazoles via a Multicomponent Reaction. Synlett, 2003, 2003, 2410-2412. | 1.0 | 21 |
| 147 | Total Synthesis of Tubulysinâ€...U and V. Angewandte Chemie - International Edition, 2007, 46, 2347-2348. | 7.2 | 21 |
| 148 | Scaffold hopping via ANCHOR.QUERY: Î²-lactams as potent p53-MDM2 antagonists. MedChemComm, 2017, 8, 1046-1052. | 3.5 | 21 |
| 149 | Novel Compounds Targeting the RNA-Binding Protein HuR. Structure-Based Design, Synthesis, and Interaction Studies. ACS Medicinal Chemistry Letters, 2019, 10, 615-620. | 1.3 | 21 |
| 150 | Production of â€œbiobetterâ€•glucarpidase variants to improve drug detoxification and antibody directed enzyme prodrug therapy for cancer treatment. European Journal of Pharmaceutical Sciences, 2019, 127, 79-91. | 1.9 | 21 |
| 151 | Benzimidazole-2-one: A novel anchoring principle for antagonizing p53-Mdm2. Bioorganic and Medicinal Chemistry, 2013, 21, 3982-3995. | 1.4 | 20 |
| 152 | Towards a facile and convenient synthesis of highly functionalized indole derivatives based on multi-component reactions. Organic and Biomolecular Chemistry, 2014, 12, 1649-1651. | 1.5 | 20 |
| 153 | Artificial macrocycles as IL-17A/IL-17RA antagonists. MedChemComm, 2018, 9, 22-26. | 3.5 | 20 |
| 154 | Tubulysin Synthesis Featuring Stereoselective Catalysis and Highly Convergent Multicomponent Assembly. Organic Letters, 2020, 22, 5396-5400. | 2.4 | 20 |
| 155 | Nanoscale, automated, high throughput synthesis and screening for the accelerated discovery of protein modifiers. RSC Medicinal Chemistry, 2021, 12, 809-818. | 1.7 | 20 |
| 156 | The formation of Î²-lactam derivatives and a C3-symmetrical heterocycle from 5,6-dihydro-2H-1,3-oxazines. Tetrahedron, 1995, 51, 139-144. | 1.0 | 19 |
| 157 | 1-Isocyano-2-dimethylamino-alkenes: Versatile Reagents in Diversity-Oriented Organic Synthesis. Synthesis, 2005, 2005, 662-667. | 1.2 | 19 |
| 158 | Desosamine in multicomponent reactions. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 6360-6362. | 1.0 | 19 |
| 159 | Application of cyclic ketones in MCR: Ugi/amide coupling based synthesis of fused tetrazolo[1,5-a][1,4]benzodiazepines. Tetrahedron Letters, 2014, 55, 3263-3266. | 0.7 | 19 |
| 160 | Cleavable Î²-Cyanoethyl Isocyanide in the Ugi Tetrazole Reaction. Organic Letters, 2016, 18, 4762-4765. | 2.4 | 19 |
| 161 | Two Cycles with One Catch: Hydrazine in Ugi 4-CR and Its Postcyclizations. ACS Combinatorial Science, 2017, 19, 193-198. | 3.8 | 19 |
| 162 | Combining Highâ€Throughput Synthesis and Highâ€Throughput Protein Crystallography for Accelerated Hit Identification. Angewandte Chemie - International Edition, 2021, 60, 18231-18239. | 7.2 | 19 |

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