

# Andras Kotschy

## List of Publications by Year in descending order

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80  
papers

2,651  
citations

257450

24  
h-index

189892

50  
g-index

92  
all docs

92  
docs citations

92  
times ranked

4181  
citing authors

#	ARTICLE	IF	CITATIONS
1	The MCL1 inhibitor S63845 is tolerable and effective in diverse cancer models. <i>Nature</i> , 2016, 538, 477-482.	27.8	830
2	Sonogashira Coupling of Aryl Halides Catalyzed by Palladium on Charcoal. <i>Journal of Organic Chemistry</i> , 2003, 68, 3327-3329.	3.2	177
3	Aromatic Character of the Benzene Ring Present in Various Topological Environments in Benzenoid Hydrocarbons. Nonequivalence of Indices of Aromaticity. <i>Journal of Chemical Information and Computer Sciences</i> , 1995, 35, 203-210.	2.8	130
4	Tandem Sonogashira Coupling: An Efficient Tool for the Synthesis of Diarylalkynes. <i>Organic Letters</i> , 2004, 6, 4917-4920.	4.6	109
5	First Cross-Coupling Reactions on Tetrazines. <i>Organic Letters</i> , 2003, 5, 3495-3497.	4.6	70
6	Modular Synthesis of Heterocyclic Carbene Precursors. <i>Journal of Organic Chemistry</i> , 2006, 71, 5969-5979.	3.2	68
7	Efficient Copper-Catalyzed Trifluoromethylation of Aromatic and Heteroaromatic Iodides: The Beneficial Anchoring Effect of Borates. <i>Organic Letters</i> , 2014, 16, 4268-4271.	4.6	62
8	Selective Nucleophilic Substitutions on Tetrazines. <i>Heterocycles</i> , 2003, 60, 2653.	0.7	61
9	Small molecule glucokinase activators disturb lipid homeostasis and induce fatty liver in rodents: a warning for therapeutic applications in humans. <i>British Journal of Pharmacology</i> , 2013, 168, 339-353.	5.4	58
10	Development of a one-pot sequential Sonogashira coupling for the synthesis of benzofurans. <i>Tetrahedron</i> , 2008, 64, 8992-8996.	1.9	55
11	The Chemistry Behind ADCs. <i>Pharmaceuticals</i> , 2021, 14, 442.	3.8	55
12	The first total synthesis of Cicerfuran utilizing a one-pot synthesis of hydroxylated benzofurans. <i>Tetrahedron</i> , 2003, 59, 7509-7513.	1.9	46
13	Structure-Guided Discovery of a Selective Mcl-1 Inhibitor with Cellular Activity. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6913-6924.	6.4	45
14	Discovery of S64315, a Potent and Selective Mcl-1 Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 13762-13795.	6.4	43
15	Asymmetric Synthesis in Ionic Liquids. <i>Monatshefte für Chemie</i> , 2007, 138, 1115-1123.	1.8	40
16	Sequential and domino Sonogashira coupling: Efficient tools for the synthesis of diarylalkynes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 4453-4461.	1.8	37
17	Establishing Drug Discovery and Identification of Hit Series for the Anti-apoptotic Proteins, Bcl-2 and Mcl-1. <i>ACS Omega</i> , 2019, 4, 8892-8906.	3.5	35
18	Selective Palladium-Catalyzed ipso Arylation of 1,4-Disubstituted Benzo[b]thien-2-ylmethanols with Aryl Bromides using PCy <sub>3</sub> as Ligand. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1364-1368.	2.4	34

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19	Controlling Helix Handedness in Water-Soluble Quinoline Oligoamide Foldamers. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4265-4275.	2.4	33
20	The azaphilic addition of organometallic reagents on tetrazines: scope and limitations. <i>Tetrahedron</i> , 2004, 60, 1991-1996.	1.9	32
21	Ethynyl-cyclohexanol: an efficient acetylene surrogate in Sonogashira coupling. <i>Tetrahedron</i> , 2008, 64, 975-982.	1.9	32
22	Enantioselective Preparation of a Novel Chiral 1,2-Diamine. <i>Synthesis</i> , 2001, 2001, 0863-0866.	2.3	30
23	Quinoidal Tetrazines: Formation of a Fascinating Compound Class. <i>Organic Letters</i> , 2007, 9, 3437-3439.	4.6	27
24	Fragment-Derived Selective Inhibitors of Dual-Specificity Kinases DYRK1A and DYRK1B. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 8971-8991.	6.4	26
25	Structure-Based Design and Synthesis of Harmine Derivatives with Different Selectivity Profiles in Kinase versus Monoamine Oxidase Inhibition. <i>ChemMedChem</i> , 2017, 12, 932-939.	3.2	23
26	Computational Prediction and Rationalization, and Experimental Validation of Handedness Induction in Helical Aromatic Oligoamide Foldamers. <i>Chemistry - A European Journal</i> , 2017, 23, 3605-3615.	3.3	23
27	A Ni-Ir Dual Photocatalytic Liebeskind Coupling of Sulfonium Salts for the Synthesis of 2-Benzylpyrrolidines. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1466-1471.	2.4	23
28	Structure-Guided Discovery of Potent and Selective DYRK1A Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 6745-6764.	6.4	23
29	Structure-Activity Relationship of Azaindole-Based Glucokinase Activators. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 687-706.	6.4	22
30	The $\pi$ -inverse electron-demand Diels-Alder reaction in polymer synthesis. Part 5: Preparation and model reactions of some electron-rich bis-dienamines. <i>Tetrahedron</i> , 2004, 60, 3421-3425.	1.9	19
31	Synthesis of Azinylvinylpyridazines: A General Note on the Isomerization of Hetaryldienamines. <i>Journal of Organic Chemistry</i> , 1996, 61, 4423-4426.	3.2	18
32	The 'one-pot' preparation of substituted benzofurans. <i>Arkivoc</i> , 2004, 2004, 285-291.	0.5	18
33	Synthesis and transformations of tetrazolylacroleins. <i>Tetrahedron</i> , 2003, 59, 7485-7489.	1.9	17
34	Expected Selectivity and Unexpected Isomerization in the Inverse Diels-Alder Reaction of Azolyl Dienes. <i>Journal of Organic Chemistry</i> , 1995, 60, 4919-4921.	3.2	16
35	A novel double $\pi$ -inverse electron-demand Diels-Alder reaction of azolyldienamines and tetrazines. <i>Tetrahedron Letters</i> , 1999, 40, 6313-6316.	1.4	16
36	Computational study of the Sonogashira cross-coupling reaction in the gas phase and in dichloromethane solution. <i>Journal of Molecular Modeling</i> , 2012, 18, 3025-3033.	1.8	16

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37	Ferrocenyl-palladium complexes in cross-coupling reactions: a comparative study. <i>Tetrahedron</i> , 2005, 61, 9767-9774.	1.9	15
38	Study on ferrocenes, part 9 substrate selective transformations of some ferrocenylhydrazones. <i>Journal of Molecular Structure</i> , 2001, 569, 185-194.	3.6	14
39	Synthesis of 6-ethynylpurine derivatives. <i>Tetrahedron Letters</i> , 2008, 49, 3782-3784.	1.4	14
40	Synthesis and serum protein binding of novel ring-substituted harmine derivatives. <i>RSC Advances</i> , 2015, 5, 53809-53818.	3.6	14
41	Tandem $\pi$ -inverse electron-demand™ Diels-Alder reactions of dienamines with a 1,2,4,5-tetrazine. A new azo-bridged ring system. <i>Tetrahedron Letters</i> , 1998, 39, 1045-1048.	1.4	13
42	Computational Study on the Reactivity of Tetrazines toward Organometallic Reagents. <i>Journal of Organic Chemistry</i> , 2010, 75, 6196-6200.	3.2	13
43	Synthesis and Photochemical Application of Hydrofluoroolefin (HFO) Based Fluoroalkyl Building Block. <i>Organic Letters</i> , 2021, 23, 4925-4929.	4.6	12
44	Selective ring opening of linearly and angularly fused triazolium salts. <i>Tetrahedron</i> , 1996, 52, 1399-1410.	1.9	10
45	The influence of aryl substitution on the photophysics of 1-aryl-fluorenones. <i>Tetrahedron Letters</i> , 1997, 38, 5219-5222.	1.4	10
46	The Development of Conformational-Dynamics-Based Sensors. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2565-2567.	13.8	10
47	The Palladium-Catalyzed Preparation of Condensed Tetracyclic Heterocycles and their Application to the Synthesis of rac-Mangochinine. <i>Synthesis</i> , 2006, 2006, 1375-1385.	2.3	10
48	A multidimensional overpressured layer chromatographic method for the characterization of tetrazine libraries. <i>Journal of Proteomics</i> , 2007, 69, 239-249.	2.4	9
49	Abstract 4482: S64315 (MIK665) is a potent and selective Mcl1 inhibitor with strong antitumor activity across a diverse range of hematologic tumor models. <i>Cancer Research</i> , 2019, 79, 4482-4482.	0.9	9
50	Synthesis and spectroscopy of coumarin derivatives for saxitoxin detection. <i>Journal of Materials Chemistry</i> , 2005, 15, 3084.	6.7	8
51	Application of Industrially Relevant HydroFluoroOlefin (HFO) Gases in Organic Syntheses. <i>Synthesis</i> , 2021, 53, 4313-4326.	2.3	8
52	Reactivity of some condensed heterocyclic cations towards ortho-positronium atoms in acetonitrile solution. <i>Chemical Physics</i> , 2001, 266, 77-84.	1.9	7
53	Aromatic Foldamer Helices as $\pi$ -Helix Extended Surface Mimetics. <i>Chemistry - A European Journal</i> , 2020, 26, 17366-17370.	3.3	7
54	Synthesis and alkylation of some [1,2,4]triazolo[4,3-b]tetrazines. <i>Arkivoc</i> , 2000, 2000, 259-265.	0.5	7

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55	Targeting DYRK1A/B kinases to modulate p21/cyclin D1/p27 signalling and induce anti-tumour activity in a model of human glioblastoma. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 10650-10662.	3.6	7
56	Visible-Light Photoredox Alkylation of Heteroaromatic Bases Using Ethyl Acetate as Alkylating Agent. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 6447-6454.	2.4	6
57	Aryl-Diadamantyl Phosphine Ligands in Palladium-Catalyzed Cross-Coupling Reactions: Synthesis, Structural Analysis, and Application. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1122-1128.	2.4	6
58	Study of the Formation and Thermal Decomposition of an Azo-Bridged Tricyclic Ring System. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3358-3363.	2.4	5
59	Synthesis of Benzo[b]furans by Palladium-NHC Catalyzed Ring Closure of o-Bromobenzyl Ketones. <i>Synthesis</i> , 2009, 2009, 85-90.	2.3	5
60	Preparative and theoretical study on chain length-dependence and substrate selectivity in the cycloalkylation of condensed [1,2,4]triazolo[4,3-b]pyridazine-6(5H)-one-3(2H)-thiones. <i>Tetrahedron</i> , 2002, 58, 8963-8972.	1.9	4
61	Modular Synthesis of Chiral NHC Precursors and Their Silver and Gold Complexes. <i>Organometallics</i> , 2020, 39, 3572-3589.	2.3	4
62	The Selective Functionalization of Pyridazino[4,5-d]pyridazines Using Polar Organometallic Reagents. <i>Heterocycles</i> , 2007, 71, 141.	0.7	4
63	Synthesis and Vibrational Circular Dichroism Analysis of N-Heterocyclic Carbene Precursors Containing Remote Chirality Centers. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3471.	4.1	4
64	Structure Elucidation, Regioselective Alkylation, and Ring-Opening of 2-Phenyl-3H-pyridazino[6,1-b]quinazoline-3,10(5H)-dione. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 133-138.	2.4	3
65	The Modular Synthesis of Chiral N-Heterocyclic Carbene Precursors. <i>Letters in Organic Chemistry</i> , 2007, 4, 563-566.	0.5	3
66	Out of cross-conjugation: the unexpected structure of tetrazinones. <i>RSC Advances</i> , 2014, 4, 47762-47768.	3.6	3
67	Correlation of the Chemical Reactivity of Some Tetrazine Derivatives with Their Reactivity toward Ortho-positronium Atoms and Their LUMO Energies. <i>Journal of Physical Chemistry A</i> , 2004, 108, 1753-1756.	2.5	2
68	Copper-Catalyzed Trifluoromethylation of Alkoxy-pyridine Derivatives. <i>Molecules</i> , 2020, 25, 4766.	3.8	2
69	Synthesis, Structural Analysis and Application of Aryl-Diadamantyl Phosphine ligands in Palladium Catalyzed Cross-Coupling Reactions. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5634-5634.	2.4	2
70	Substituent dependent fluorescence response of diazacrown-based PET sensors. <i>Tetrahedron</i> , 2008, 64, 6191-6195.	1.9	1
71	Synthesis and Transformations of Oxygen Heterocycles. <i>Topics in Heterocyclic Chemistry</i> , 2014, , 231-303.	0.2	1
72	Chemo-enzymatic One-Pot Two-Step Functionalization of 1,2,3,4-tetrahydroisoquinolines by Monoamine Oxidase-Ugi Reaction Sequence. <i>European Journal of Organic Chemistry</i> , 0, , .	2.4	1

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73	Synthesis of thieno[2,3-c]pyridine derived GRK2 inhibitors. Monatshefte für Chemie, 0, , 1.	1.8	1
74	Sonogashira Coupling of Aryl Halides Catalyzed by Palladium on Charcoal.. ChemInform, 2003, 34, no.	0.0	0
75	Synthesis and Transformations of Tetrazolylacroleins.. ChemInform, 2004, 35, no.	0.0	0
76	First Cross-Coupling Reactions on Tetrazines.. ChemInform, 2004, 35, no.	0.0	0
77	Selective Nucleophilic Substitutions on Tetrazines.. ChemInform, 2004, 35, no.	0.0	0
78	Tandem Sonogashira Coupling: An Efficient Tool for the Synthesis of Diarylalkynes.. ChemInform, 2005, 36, no.	0.0	0
79	Sequential and Domino Sonogashira Coupling: Efficient Tools for the Synthesis of Diarylalkynes. ChemInform, 2006, 37, no.	0.0	0
80	The Effect of Core Replacement on S64315, a Selective MCL-1 Inhibitor, and Its Analogues. ACS Omega, 2021, 6, 22073-22102.	3.5	0