

# Sãindor B Ã-tvÃs

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enantioselective Flow Synthesis of Rolipram Enabled by a Telescoped Asymmetric Conjugate Additionâ€“Oxidative Aldehyde Esterification Sequence Using <i>in Situ</i> -Generated Persulfuric Acid as Oxidant. <i>Organic Letters</i> , 2022, 24, 1066-1071.	4.6	19
2	<i>in Situ</i> -Hydroxyphthalimide Catalyzed Aerobic Oxidation of Aldehydes under Continuous Flow Conditions. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1998-2008.	4.3	9
3	Continuous flow heterogeneous catalytic reductive aminations under aqueous micellar conditions enabled by an oscillatory plug flow reactor. <i>Green Chemistry</i> , 2021, 23, 5625-5632.	9.0	19
4	Exploiting a silverâ€“bismuth hybrid material as heterogeneous noble metal catalyst for decarboxylations and decarboxylative deuterations of carboxylic acids under batch and continuous flow conditions. <i>Green Chemistry</i> , 2021, 23, 4685-4696.	9.0	7
5	Sustainable Aldehyde Oxidations in Continuous Flow Using <i>in Situ</i> -Generated Performic Acid. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 5519-5525.	6.7	15
6	Bismuth Subnitrate-Catalyzed Markovnikov-Type Alkyne Hydrations under Batch and Continuous Flow Conditions. <i>Molecules</i> , 2021, 26, 2864.	3.8	2
7	Pharmacokinetics-Driven Evaluation of the Antioxidant Activity of Curcuminoids and Their Major Reduced Metabolitesâ€“A Medicinal Chemistry Approach. <i>Molecules</i> , 2021, 26, 3542.	3.8	10
8	Continuous-Flow Catalysis. <i>Catalysts</i> , 2021, 11, 1066.	3.5	0
9	Copper-Loaded Layered Bismuth Subcarbonateâ€“Efficient Multifunctional Heterogeneous Catalyst for Concerted S/Câ€“N Heterocyclization. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 42650-42661.	8.0	5
10	Continuous flow asymmetric synthesis of chiral active pharmaceutical ingredients and their advanced intermediates. <i>Green Chemistry</i> , 2021, 23, 6117-6138.	9.0	62
11	Continuousâ€“Flow Amide and Ester Reductions Using Neat Borane Dimethylsulfide Complex. <i>ChemSusChem</i> , 2020, 13, 1800-1807.	6.8	13
12	Telescoped Continuous Flow Synthesis of Optically Active <sup>13</sup> C-Nitrobutyric Acids as Key Intermediates of Baclofen, Phenibut, and Fluorophenibut. <i>Organic Letters</i> , 2020, 22, 8122-8126.	4.6	45
13	A mineralogically-inspired silverâ€“bismuth hybrid material: Structure, stability and application for catalytic benzyl alcohol dehydrogenations under continuous flow conditions. <i>Molecular Catalysis</i> , 2020, 498, 111263.	2.0	3
14	A Highâ€“Yielding Synthesis of EIDDâ€“2801 from Uridine**. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 6736-6739.	2.4	29
15	Bismuth(III)-Catalyzed Hydration of Terminal Alkynes: Sustainable Synthesis of Methyl Ketones in Batch and Flow. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13286-13293.	6.7	13
16	Continuousâ€“Flow Hydrogenation and Reductive Deuteration of Nitriles: a Simple Access to <sup>1,1</sup> -Dideutero Amines. <i>ChemPlusChem</i> , 2019, 84, 1508-1511.	2.8	11
17	Catalytic use of layered materials for fine chemical syntheses. <i>Catalysis Science and Technology</i> , 2019, 9, 47-60.	4.1	17
18	Continuous-flow synthesis of 3,5-disubstituted pyrazoles <i>via</i> sequential alkyne homocoupling and Cope-type hydroamination. <i>RSC Advances</i> , 2019, 9, 8197-8203.	3.6	15

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19	Less Cytotoxic Protoflavones as Antiviral Agents: Protoapigenone 1- <i>O</i> -isopropyl ether Shows Improved Selectivity Against the Epstein-Barr Virus Lytic Cycle. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6269.	4.1	4
20	Multigram-scale flow synthesis of the chiral key intermediate of ( <i>S</i> )-paroxetine enabled by solvent-free heterogeneous organocatalysis. <i>Chemical Science</i> , 2019, 10, 11141-11146.	7.4	56
21	Controlled Transformations of Aryl Halides in a Flow System: Selective Synthesis of Aryl Azides and Aniline Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1841-1849.	4.3	16
22	Synthesis of Nontoxic Protoflavone Derivatives through Selective Continuous-Flow Hydrogenation of the Flavonoid B-Ring. <i>ChemPlusChem</i> , 2018, 83, 71-71.	2.8	0
23	A mineralogically-inspired silver-bismuth hybrid material: an efficient heterogeneous catalyst for the direct synthesis of nitriles from terminal alkynes. <i>Green Chemistry</i> , 2018, 20, 1007-1019.	9.0	16
24	Synthesis of Nontoxic Protoflavone Derivatives through Selective Continuous-Flow Hydrogenation of the Flavonoid B-Ring. <i>ChemPlusChem</i> , 2018, 83, 72-76.	2.8	3
25	Potential solvents in coupling reactions catalyzed by Cu(II)Fe(III)-layered double hydroxide in a continuous-flow reactor. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2017, 121, 345-351.	1.7	2
26	Continuous-flow oxidative homocouplings without auxiliary substances: Exploiting a solid base catalyst. <i>Journal of Catalysis</i> , 2017, 348, 90-99.	6.2	24
27	Continuous-Flow Synthesis of Deuterium-Labeled Antidiabetic Chalcones: Studies towards the Selective Deuteration of the Alkynone Core. <i>Molecules</i> , 2016, 21, 318.	3.8	22
28	Harnessing the Versatility of Continuous-Flow Processes: Selective and Efficient Reactions. <i>Chemical Record</i> , 2016, 16, 1018-1033.	5.8	41
29	Heterogeneous Dipeptide-Catalyzed $\alpha$ -Amination of Aldehydes in a Continuous-Flow Reactor: Effect of Residence Time on Enantioselectivity. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3671-3680.	4.3	27
30	Strategic Application of Residence-Time Control in Continuous-Flow Reactors. <i>ChemistryOpen</i> , 2015, 4, 212-223.	1.9	67
31	Highly Selective Continuous-Flow Synthesis of Potentially Bioactive Deuterated Chalcone Derivatives. <i>ChemPlusChem</i> , 2015, 80, 859-864.	2.8	32
32	Flow chemistry as a versatile tool for the synthesis of triazoles. <i>Catalysis Science and Technology</i> , 2015, 5, 4926-4941.	4.1	44
33	A layered double hydroxide, a synthetically useful heterogeneous catalyst for azide-alkyne cycloadditions in a continuous-flow reactor. <i>Applied Catalysis A: General</i> , 2015, 501, 63-73.	4.3	22
34	Exploring New Parameter Spaces for the Oxidative Homocoupling of Aniline Derivatives: Sustainable Synthesis of Azobenzenes in a Flow System. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 3388-3397.	6.7	23
35	6. Experimental procedures for conducting organic reactions in continuous flow. , 2014, , 157-190.		0
36	Continuous-Flow Solid-Phase Peptide Synthesis: A Revolutionary Reduction of the Amino Acid Excess. <i>ChemSusChem</i> , 2014, 7, 3172-3176.	6.8	47

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37	Continuous-flow azide-alkyne cycloadditions with an effective bimetallic catalyst and a simple scavenger system. <i>RSC Advances</i> , 2014, 4, 46666-46674.	3.6	16
38	Stereoselective syntheses and transformations of chiral 1,3-aminoalcohols and 1,3-diols derived from nopinone. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 1138-1145.	1.8	25
39	Alkyne-Azide Cycloadditions with Copper Powder in a High-Pressure Continuous-Flow Reactor: High-Temperature Conditions versus the Role of Additives. <i>Chemistry - an Asian Journal</i> , 2013, 8, 800-808.	3.3	49
40	Efficient continuous-flow synthesis of novel 1,2,3-triazole-substituted $\beta$ -aminocyclohexanecarboxylic acid derivatives with gram-scale production. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 1508-1516.	2.2	28
41	Asymmetric aldol reaction in a continuous-flow reactor catalyzed by a highly reusable heterogeneous peptide. <i>Journal of Catalysis</i> , 2012, 295, 179-185.	6.2	44
42	Highly Efficient 1,4-Addition of Aldehydes to Nitroolefins: Organocatalysis in Continuous Flow by Solid-Supported Peptidic Catalysts. <i>ChemSusChem</i> , 2012, 5, 266-269.	6.8	65
43	Highly selective deuteration of pharmaceutically relevant nitrogen-containing heterocycles: a flow chemistry approach. <i>Molecular Diversity</i> , 2011, 15, 605-611.	3.9	21
44	Synthesis and Spectroscopic and Computational Characterization of Zn <sub>4</sub> O(Alicyclic or Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2010, 49, 4620-4625.	4.0	10