

Hans-RenÅ© BjÅ, rsvik

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Quantitative Structure-Activity Relationships of Ruthenium Catalysts for Olefin Metathesis. <i>Journal of the American Chemical Society</i> , 2006, 128, 6952-6964.	13.7	202
2	Fine Chemicals from Lignosulfonates. 1. Synthesis of Vanillin by Oxidation of Lignosulfonates. <i>Organic Process Research and Development</i> , 1999, 3, 330-340.	2.7	163
3	Organic Processes to Pharmaceutical Chemicals Based on Fine Chemicals from Lignosulfonates. <i>Organic Process Research and Development</i> , 2002, 6, 279-290.	2.7	68
4	High Selectivity in the Oxidation of Mandelic Acid Derivatives and in O-Methylation of Protocatechualdehyde: A New Processes for Synthesis of Vanillin, iso-Vanillin, and Heliotropin. <i>Organic Process Research and Development</i> , 2000, 4, 534-543.	2.7	48
5	Ruthenium Alkylidene Complexes of Chelating Amine Ligands. <i>Organometallics</i> , 2007, 26, 5803-5814.	2.3	40
6	Synthesis of a new bidentate NHC-Ag(I) complex and its unanticipated reaction with the Hoveyda-Grubbs first generation catalyst. <i>Tetrahedron</i> , 2009, 65, 7186-7194.	1.9	39
7	The First Imidazolium-Substituted Metal Alkylidene. <i>Organometallics</i> , 2007, 26, 4383-4385.	2.3	38
8	Separation of Reaction Product and Palladium Catalyst after a Heck Coupling Reaction by means of Organic Solvent Nanofiltration. <i>ChemSusChem</i> , 2012, 5, 188-193.	6.8	33
9	Organocatalyzed Epoxidation of Alkenes in Continuous Flow using a Multi-Jet Oscillating Disk Reactor. <i>ChemSusChem</i> , 2012, 5, 261-265.	6.8	31
10	Synthesis of the Carbazole Scaffold Directly from 2-Aminobiphenyl by Means of Tandem C-H Activation and C-N Bond Formation. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5474-5479.	2.4	31
11	Synthesis of 2-Nitro- and 2,2-Dinitrobiphenyls by Means of the Suzuki Cross-Coupling Reaction. <i>Journal of Organic Chemistry</i> , 2005, 70, 9591-9594.	3.2	30
12	A Three-Way Switchable Process for Suzuki Cross-Coupling, Hydrodehalogenation, or an Assisted Tandem Hydrodehalogenation and Suzuki Cross-Coupling Sequence. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3231-3243.	4.3	30
13	4-Alkylated Silver-N-Heterocyclic Carbene (NHC) Complexes with Cytotoxic Effects in Leukemia Cells. <i>ChemMedChem</i> , 2015, 10, 1522-1527.	3.2	28
14	Investigations of a Novel Process to the Framework of Benzo[c]cinnoline. <i>Journal of Organic Chemistry</i> , 2004, 69, 7720-7727.	3.2	27
15	A New Modified Montanari Oxidation Process by Means of Chlorine Dissolved in the Reaction Solvent as Oxidant and TEMPO as Catalyst: Oxidation of 3-S-Quinuclidinol to 3-Quinuclidinone. <i>Organic Process Research and Development</i> , 2002, 6, 197-200.	2.7	26
16	A Novel Efficient Deoxygenation Process for N-Heteroarene N-Oxides. <i>Journal of Organic Chemistry</i> , 2005, 70, 3218-3224.	3.2	26
17	A Highly Selective Aerobic Oxidation Process Catalyzed by Electron-Deficient Nitroarenes via Single Electron Transfer Processes. <i>Journal of Organic Chemistry</i> , 2002, 67, 7493-7500.	3.2	23
18	Green and Efficient Synthesis of Bidentate Schiff Base Ru Catalysts for Olefin Metathesis. <i>Journal of Organic Chemistry</i> , 2007, 72, 3561-3564.	3.2	23

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19	Highly Selective and Efficient Conversion of Alkyl Aryl and Alkyl Cyclopropyl Ketones to Aromatic and Cyclopropane Carboxylic Acids by Aerobic Catalytic Oxidation: A Free-radical Redox Chain Mechanism.. Synlett, 2002, 2002, 0610-0612.	1.8	21
20	Efficient and Green Telescoped Process to 2-Methoxy-3-methyl-[1,4]benzoquinone. Journal of Organic Chemistry, 2006, 71, 1703-1706.	3.2	21
21	A Highly Efficient Pd(PPh ₃) ₄ -Catalyzed Suzuki Cross-Coupling Method for the Preparation of 2-NitrobiAphenyls from 1-Chloro-2-nitrobenzAenes and Phenylboronic Acids. European Journal of Organic Chemistry, 2016, 2016, 1344-1354.	2.4	21
22	Carboxylic acids from methyl aryl ketones by means of a new composite aerobic oxidation process. Tetrahedron Letters, 2002, 43, 4985-4987.	1.4	20
23	Synthesis of Phenylboronic Acids in Continuous Flow by Means of a Multijet Oscillating Disc Reactor System Operating at Cryogenic Temperatures. Organic Process Research and Development, 2012, 16, 1121-1130.	2.7	20
24	Synthesis of Amides from Alcohols and Amines Through a Domino Oxidative Amidation and Telescoped Transamidation Process. European Journal of Organic Chemistry, 2018, 2018, 4436-4445.	2.4	19
25	Fine Chemicals from Lignosulfonates. 2. Synthesis of Veratric Acid from Acetovanillon. Organic Process Research and Development, 1999, 3, 341-346.	2.7	18
26	Synthesis of Methoxy-Substituted Phenols by Peracid Oxidation of the Aromatic Ring. Journal of Organic Chemistry, 2005, 70, 7290-7296.	3.2	18
27	A novel simple and efficient bromination protocol for activated arenes. Tetrahedron Letters, 2009, 50, 831-833.	1.4	16
28	A bromine-catalysed free-radical oxidation of acetamides from primary and secondary alkylamines by H ₂ O ₂ . Chemical Communications, 2001, , 523-524.	4.1	15
29	New Selective Oxidation Reactions by Nitroarenes in Basic Medium Involving Electron-Transfer Processes. Organic Process Research and Development, 2001, 5, 136-140.	2.7	14
30	Scope and Mechanistic Limitations of a Sonogashira Coupling Reaction on an Imidazole Backbone. European Journal of Organic Chemistry, 2015, 2015, 4658-4666.	2.4	14
31	Stille Cross-Coupling for the Functionalization of the Imidazole Backbone: Revisit, Improvement, and Applications of the Method. European Journal of Organic Chemistry, 2015, 2015, 3506-3512.	2.4	14
32	Continuous flow synthesis concatenated with continuous flow liquid-liquid extraction for work-up and purification: selective mono- and di-iodination of the imidazole backbone. Reaction Chemistry and Engineering, 2016, 1, 436-444.	3.7	14
33	Principal Properties of Monodentate Phosphorus Ligands. Predictive Model for the Carbonyl Absorption Frequencies in Ni(CO) ₃ L Complexes.. Acta Chemica Scandinavica, 1997, 51, 733-741.	0.7	14
34	Continuous flow synthesis of the iodination agent 1,3-diiodo-5,5-dimethyl-imidazolidine-2,4-dione telescoped with semi-continuous product isolation. Reaction Chemistry and Engineering, 2016, 1, 379-386.	3.7	13
35	Nitroarene catalyzed oxidation with sodium percarbonate or sodium perborate as the terminal oxidant. Tetrahedron Letters, 2004, 45, 8615-8620.	1.4	12
36	Indium powder as the reducing agent in the synthesis of 2-amino-1,1'-biphenyls. Tetrahedron Letters, 2016, 57, 1224-1226.	1.4	11

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37	Fast Halogenation of Some N-Heterocycles by Means of N,N -Dihalo-5,5-dimethylhydantoin. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 499-507.	4.3	10
38	Synthesis of Imidazole Alkaloids Originated in Marine Sponges. <i>Studies in Natural Products Chemistry</i> , 2014, 42, 33-57.	1.8	10
39	Synthesis of Boscalid via a three-step telescoped continuous flow process implemented on a MJOD reactor platform. <i>Reaction Chemistry and Engineering</i> , 2018, 3, 550-558.	3.7	10
40	Continuous Flow Olefin Metathesis Using a Multijet Oscillating Disk Reactor as the Reaction Platform. <i>Organic Process Research and Development</i> , 2014, 18, 1509-1515.	2.7	8
41	A Co^{2+} Mediated $NaBH_4$ Reduction Protocol Applicable to a Selection of Functional Groups in Organic Synthesis. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3416-3425.	2.4	8
42	Functionalization of the Imidazole Backbone by Means of a Tailored and Optimized Oxidative Heck Cross-Coupling. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5079-5092.	4.3	8
43	Online Spectroscopy and Multivariate Data Analysis as a Combined Tool for Process Monitoring and Reaction Optimization. <i>Organic Process Research and Development</i> , 2004, 8, 495-503.	2.7	7
44	A Concise Synthesis to Benzo[c]cinnolines via 2,2-Dinitro-1,1-Biphenyls Attained from a Novel Tailored Suzuki Cross-Coupling. <i>ChemistrySelect</i> , 2017, 2, 9387-9390.	1.5	7
45	Synthesis of Aryl- and Alkyl-Substituted Imidazolium Silver Complexes: Cytotoxic Screening by Using Human Cell Lines Modelling Acute Myeloid Leukaemia. <i>ChemMedChem</i> , 2020, 15, 1509-1514.	3.2	7
46	Structure-Activity-Relationship Aided Design and Synthesis of xCT Antiporter Inhibitors. <i>ChemMedChem</i> , 2021, 16, 2650-2668.	3.2	6
47	The Baeyer-Villiger oxidation versus aromatic ring hydroxylation: competing organic peracid oxidation mechanisms explored by multivariate modelling of designed multi-response experiments. <i>Journal of Physical Organic Chemistry</i> , 2015, 28, 619-628.	1.9	5
48	Carbazomycin G: Method Development and Total Synthesis. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1984-1992.	2.4	5
49	Amino-TEMPO Grafted on Magnetic Multi-Walled Nanotubes: An Efficient and Recyclable Heterogeneous Oxidation Catalyst. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1405-1412.	2.4	4
50	An environmentally benign and high-rate Appel type reaction. <i>Reaction Chemistry and Engineering</i> , 2022, 7, 1650-1659.	3.7	3
51	Imidazole backbone functionalization with olefin crossmetathesis. <i>European Journal of Organic Chemistry</i> , 0, , .	2.4	3
52	Multivariate Optimization of a Cyclopropanation, the Key Step in the Synthesis of 3,3,4,4-Tetraethoxybut-1-yne. <i>Organic Process Research and Development</i> , 2014, 18, 891-896.	2.7	2
53	A two-step telescoped continuous flow switchable process leading to nitriles, diaziridine or hydrazine derivatives. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 41-51.	3.7	2
54	Hit to Leads with Cytotoxic Effect in Leukemic Cells: Total Synthesis Intermediates as a Molecule Treasure Chest. <i>ChemMedChem</i> , 2020, 15, 862-870.	3.2	2

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55	The Styryl Benzoic Acid Derivative DC10 Potentiates Radiotherapy by Targeting the xCT-Glutathione Axis. <i>Frontiers in Oncology</i> , 2022, 12, 786739.	2.8	2
56	Extraction, isolation, and purification of analytes from samples of marine origin â€“ A multivariate task. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 910, 46-53.	2.3	1
57	Controlling the Course of a Twoâ€Way Switchable Pdâ€Catalyzed Process by means of Empirical Multivariate Models. <i>ChemCatChem</i> , 2015, 7, 2196-2205.	3.7	1
58	A Scalable Highâ€Yielding and Selective Oxidative Heck Crossâ€Coupling â€“ A Key Step for the Synthesis of transâ€Stilbenes. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5519.	2.4	0
59	EXTH-32. NOVEL THIORIDAZINE DERIVATES: ANTIPROLIFERATIVE AND APOPTOSIS-INDUCING ACTIVITY ON GLIOBLASTOMA CELLS IN VITRO. <i>Neuro-Oncology</i> , 2021, 23, vi170-vi170.	1.2	0