

Peter Langer

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

491
papers

6,413
citations

32
h-index

45
g-index

653
ext. papers

7,467
ext. citations

3
avg, IF

5.96
L-index

#	Paper	IF	Citations
491	Synthesis of chromeno[2,3-c]pyrrol-9(2H)-ones by domino Michael-Claisen-SNAr reactions of amino acid esters with 2-chlorophenylpropynones. <i>Tetrahedron</i> , 2022 , 104, 132608	2.4	
490	Synergistic effect of plasma-activated medium and novel indirubin derivatives on human skin cancer cells by activation of the AhR pathway.. <i>Scientific Reports</i> , 2022 , 12, 2528	4.9	0
489	Synthesis and properties of Tetraaryl-1,8-naphthyridines. <i>Tetrahedron</i> , 2021 , 103, 132537	2.4	0
488	Synthesis and permethylation of methyl 5-(2-chloropyridin-3-yl)pentanoates. <i>Chemistry of Heterocyclic Compounds</i> , 2021 , 57, 1146	1.4	
487	Synthesis of Dibenzotropones by Alkyne-Carbonyl Metathesis. <i>Journal of Organic Chemistry</i> , 2021 , 86, 14420-14432	4.2	2
486	Synthesis of Pyrrolo[1,2-a][1,6]- and [1,8]naphthyridines by Alkyne-Carbonyl Metathesis. <i>Synthesis</i> , 2021 , 53, 1237-1246	2.9	1
485	Copper-Catalyzed Synthesis of β and ϵ Carbolines by Double N-Arylation of Primary Amines. <i>Synlett</i> , 2021 , 32, 1004-1008	2.2	0
484	Designing of small molecule non-fullerene acceptors with cyanobenzene core for photovoltaic application. <i>Computational and Theoretical Chemistry</i> , 2021 , 1197, 113154	2	18
483	Recent Advances in Transition-Metal-Catalyzed Reactions of N-Tosylhydrazones. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 3616-3654	5.6	8
482	Tuning the optoelectronic properties of oligothieryl silane derivatives and their photovoltaic properties. <i>Journal of Molecular Graphics and Modelling</i> , 2021 , 106, 107918	2.8	8
481	Efficient Copper-Catalysed Synthesis of Carbazoles by Double N-Arylation of Primary Amines with 2,2'-Dibromobiphenyl in the Presence of Air. <i>Synlett</i> , 2021 , 32, 611-615	2.2	5
480	2,4-Bis(arylethynyl)-9-chloro-5,6,7,8-tetrahydroacridines: synthesis and photophysical properties. <i>Beilstein Journal of Organic Chemistry</i> , 2021 , 17, 1629-1640	2.5	1
479	Chemoenzymatic Asymmetric Synthesis of Pyridine-Based β -Fluorinated Secondary Alcohols. <i>ChemBioChem</i> , 2021 , 22, 3314-3318	3.8	1
478	Synthesis and investigation on optical and electrochemical properties of 2,4-diaryl-9-chloro-5,6,7,8-tetrahydroacridines. <i>Beilstein Journal of Organic Chemistry</i> , 2021 , 17, 2450-2461	2.5	0
477	Site-Selective Suzuki-Miyaura Reaction of 6,8-Dichloro-1,2,4-triazolo[4,3-a]pyridines. <i>Synlett</i> , 2020 , 31, 1277-1281	2.2	1
476	Designing 2D fused ring materials for small molecules organic solar cells. <i>Computational and Theoretical Chemistry</i> , 2020 , 1183, 112848	2	23
475	NMR Spectroscopic and Theoretical Studies on Tautomerism and Isomerism of Perfluoroalkyl-Substituted 1,5-Benzodiazepines. <i>ChemistrySelect</i> , 2020 , 5, 4221-4230	1.8	1

474	Synthesis of cinnamyl substituted dihydrofuranones by the Heck cross-coupling reaction. <i>Mendeleev Communications</i> , 2020 , 30, 236-237	1.9	
473	Highly Potent and Selective Ectonucleoside Triphosphate Diphosphohydrolase (ENTPDase1, 2, 3 and 8) Inhibitors Having 2-substituted-7- trifluoromethyl-thiadiazolopyrimidones Scaffold. <i>Medicinal Chemistry</i> , 2020 , 16, 689-702	1.8	2
472	Synthesis of glycosides of 1H-Pyrazolo[3,4-b]pyridin-3(2H)-ones. <i>Tetrahedron</i> , 2020 , 76, 131522	2.4	0
471	Synthesis of thieno[2,3-]/[3,2-]quinolines and thieno[2,3-] quinolines by Brønsted acid mediated cycloisomerisation. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 6531-6536	3.9	2
470	Synthesis and Properties of Dibenzo[a,j]acridines. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 5867-5875	3.2	2
469	Synthesis of 2-Azapyrenes and Their Photophysical and Electrochemical Properties. <i>Journal of Organic Chemistry</i> , 2020 , 85, 12823-12842	4.2	9
468	Efficient synthesis of pentacyclic benzosultam-annulated thiopyranoindoles via domino Knoevenagel / intramolecular hetero-Diels-Alder reactions in water. <i>Chemistry of Heterocyclic Compounds</i> , 2020 , 56, 392-398	1.4	2
467	Synthesis of non-symmetrical alkynylpyridines by chemoselective Sonogashira cross-coupling reactions. <i>Tetrahedron</i> , 2019 , 75, 130559	2.4	0
466	Synthesis of chromeno[2,3-c]pyrrol-9(2H)-ones by domino reactions of amino acids with ynones. <i>Chemistry of Heterocyclic Compounds</i> , 2019 , 55, 465-468	1.4	1
465	Synthesis and Inhibitory Activity towards Monoamine Oxidase A and B of 8-Functionalized 3-Fluoro-2-methyl-benzo[4,5]thiazolo[3,2-a]pyrimidin-4-ones. <i>ChemistrySelect</i> , 2019 , 4, 7284-7291	1.8	3
464	Synthesis of Enantiomerically Enriched Non-Proteinogenic α -Amino Acids Using the Suzuki Reaction. <i>ChemistrySelect</i> , 2019 , 4, 4686-4688	1.8	7
463	Synthesis of Acridones by Palladium-Catalyzed Buchwald-Hartwig Amination. <i>Synlett</i> , 2019 , 30, 817-820	2.2	9
462	Benzo[b]carbazoliones Synthesis and Inhibitory Effects on Nucleotide Pyrophosphatases/Phosphodiesterases. <i>ChemistrySelect</i> , 2019 , 4, 2545-2550	1.8	1
461	Key Role of Reactive Oxygen Species (ROS) in Indirubin Derivative-Induced Cell Death in Cutaneous T-Cell Lymphoma Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
460	Brønsted Acid Mediated Synthesis and Properties of Dibenzoacridine Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 2981-2991	5.6	13
459	Site-Selective Synthesis of 3,17-Diaryl-1,3,5,16-estratetraenes. <i>Synlett</i> , 2019 , 30, 600-604	2.2	2
458	Exploration of quinolone and quinoline derivatives as potential anticancer agents. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019 , 27, 613-626	3.9	4
457	Synthesis of Tetrahydropyrazolo[4',3':5,6]pyrano[3,4-c]quinolones by Domino Knoevenagel/Hetero Diels-Alder Reactions. <i>Synlett</i> , 2019 , 30, 1782-1786	2.2	3

456	Synthesis of Benzoacridines and Benzophenanthridines by Regioselective Pd-Catalyzed Cross-Coupling Reactions Followed by Acid-Mediated Cycloisomerizations. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 6177-6197	3.2	8
455	NMR spectroscopic and theoretical studies on the isomerism of 1,5-benzodiazepin-2-one derivatives containing a perfluorinated side chain. <i>Journal of Molecular Structure</i> , 2019 , 1196, 215-221	3.4	2
454	Synthesis of 2-Aryl-12H-benzothiazolo[2,3-b]quinazolin-12-ones and Their Activity Against Monoamine Oxidases. <i>ChemistrySelect</i> , 2019 , 4, 11071-11076	1.8	0
453	Regioselective Synthesis of Thieno[3,2-b]quinolones by Acylation/Two-Fold Buchwald-Hartwig Reactions. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 7255-7263	3.2	8
452	Palladium-catalyzed synthesis and nucleotide pyrophosphatase inhibition of benzo[4,5]furo[3,2- <i>b</i>]indoles. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 2830-2839	2.5	3
451	Synthesis of Enantiomerically Enriched Alkynylaryl-Substituted α -Amino Acids through Sonogashira Reactions. <i>ChemistrySelect</i> , 2019 , 4, 13806-13809	1.8	2
450	Synthesis of 2-Alkynyl- and 2-Amino-12H-benzothiazolo[2,3-b]quinazolin-12-ones and Their Inhibitory Potential against Monoamine Oxidase A and B. <i>ChemistrySelect</i> , 2019 , 4, 13760-13767	1.8	3
449	Total Synthesis of Dabigatran Revisited; Synthesis of Amidine-Tosylated Dabigatran. <i>ChemistrySelect</i> , 2019 , 4, 13802-13805	1.8	0
448	Synthesis of Chlorinated Arenes and Hetarenes by One-Pot Cyclizations of 1,3-Bis-silyl Enol Ethers. <i>Synlett</i> , 2019 , 30, 665-673	2.2	3
447	Synthesis of 5-Aryl-5H-pyrido[2',1':2,3]imidazo[4,5-b]indoles by Domino Pd- and Cu-Catalyzed C-N Coupling Reactions. <i>Synlett</i> , 2019 , 30, 303-306	2.2	3
446	C-Glycosyl Styrene Type Compounds by Pd-Catalyzed Cross-Coupling Reactions of Anhydro-Aldose Tosylhydrazones with Benzyl Bromides. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 105-117	5.6	5
445	Crucial role of reactive oxygen species (ROS) for the proapoptotic effects of indirubin derivative DKP-073 in melanoma cells. <i>Molecular Carcinogenesis</i> , 2019 , 58, 258-269	5	5
444	Pd-catalyzed coupling reactions of anhydro-aldose tosylhydrazones with aryl bromides to produce substituted exo-glycals. <i>Carbohydrate Research</i> , 2018 , 466, 30-38	2.9	8
443	Deazapurine Analogues Bearing a 1H-Pyrazolo[3,4-b]pyridin-3(2H)-one Core: Synthesis and Biological Activity. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 2629-2644	3.2	4
442	Chemoselective Suzuki-Miyaura reactions of 4-bromo-3-O-triflyl-estrone. Synthesis and atropisomerism of arylated estrones. <i>Tetrahedron</i> , 2018 , 74, 2825-2836	2.4	2
441	Synthesis of Optically Pure (S,E)-2-Amino-5-arylpent-4-enoic Acids by Heck Reactions of Nickel Complexes. <i>Synlett</i> , 2018 , 29, 793-798	2.2	5
440	A domino reaction of 3-chlorochromones with aminoheterocycles. Synthesis of pyrazolopyridines and benzofuopyridines and their optical and ecto-5'-nucleotidase inhibitory effects. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 717-732	3.9	20
439	Convenient synthesis of 10H-indolo[3,2-b]quinolines and 6H-indolo[2,3-b]quinolines by sequential chemoselective Suzuki reaction followed by double C-N coupling. <i>Tetrahedron</i> , 2018 , 74, 1024-1032	2.4	11

438	Chemoselective Synthesis of Arylpyridines through Suzuki-Miyaura Cross-Coupling Reactions. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 990-1003	3.2	6
437	Chemoselective Synthesis and Human Ecto-5'-nucleotidase Inhibitory Activity of 2-Trifluoromethyl-4,6-diarylquinolines. <i>ChemistrySelect</i> , 2018 , 3, 8587-8592	1.8	1
436	Synthesis of Unsymmetrical Aza-Ullazines by Intramolecular Alkynyl-Carbonyl Metathesis. <i>Organic Letters</i> , 2018 , 20, 122-125	6.2	12
435	2-Substituted 7-trifluoromethyl-thiadiazolopyrimidones as alkaline phosphatase inhibitors. Synthesis, structure activity relationship and molecular docking study. <i>European Journal of Medicinal Chemistry</i> , 2018 , 144, 116-127	6.8	5
434	Synthesis of novel 16-E-(arylidene)-3-methoxy-estrone esters via a palladium catalysed Suzuki-Miyaura reaction. <i>Tetrahedron Letters</i> , 2018 , 59, 26-28	2	2
433	Synthesis of Novel Benzothiazolo[3,2-a]pyridimidin-4-ones with Potential Cytotoxic and Pro-Apoptotic Potential. <i>ChemistrySelect</i> , 2018 , 3, 12213-12218	1.8	1
432	PTSA-Catalyzed Cyclization of 6-Aminouracils with Diimines: Efficient Synthesis of Functionalized Tetrahydropyrimido[4,5-d]pyrimidine-2,4-diones. <i>ChemistrySelect</i> , 2018 , 3, 11671-11676	1.8	2
431	Identification of New Chromenone Derivatives as Cholinesterase Inhibitors and Molecular Docking Studies. <i>Medicinal Chemistry</i> , 2018 , 14, 809-817	1.8	1
430	Synthesis of 7H-Indolo[2,3-c]quinolines by Chemoselective Suzuki Reaction Followed by a Ring-Closing Two-Fold Buchwald-Hartwig Reaction of 3-Bromo-4-iodoquinoline. <i>ChemistrySelect</i> , 2018 , 3, 11177-11179	1.8	3
429	One-Pot Synthesis of Dibenzo[b, d]oxepines via Olefinic C-F Bond Functionalization and Intramolecular Pd-Catalyzed C-H Arylation. <i>Journal of Organic Chemistry</i> , 2018 , 83, 14195-14202	4.2	4
428	The first general synthesis of 2-C-(β-D-glycopyranosyl)pyrimidines and their evaluation as inhibitors of some glycoenzymes. <i>New Journal of Chemistry</i> , 2018 , 42, 17439-17446	3.6	7
427	Synthesis of furo[3,2-b:4,5-b']diindoles and their optical and electrochemical properties. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 6543-6551	3.9	3
426	Sonogashira cross-coupling reactions of 3,5-dibromo-2,6-dichloropyridine. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 1510-1520	3.9	3
425	Synthesis of 6,7-Dibromoflavone and Its Regioselective Diversification via Suzuki-Miyaura Reactions. <i>Synthesis</i> , 2017 , 49, 1983-1992	2.9	3
424	Palladium(0)-catalyzed Domino C-N Coupling/Hydroamination/C-H Arylation: Efficient Synthesis of Benzothieno[2',3':4,5]pyrrolo[1,2-f]phenanthridines. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 1402-1406	5.6	4
423	Palladium-Catalyzed Synthesis and Fluorescence Study of Ethynylated Naphthalene Derivatives. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 2238-2244	3.2	3
422	Synthesis of functionalised fluorinated pyridine derivatives by site-selective Suzuki-Miyaura cross-coupling reactions of halogenated pyridines. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017 , 72, 263-279	1	1
421	ZnBr ₂ catalyzed domino Knoevenagel-hetero-Diels-Alder reaction: An efficient route to polycyclic thiopyranoindol annulated [3,4-c]quinolone derivatives. <i>Tetrahedron</i> , 2017 , 73, 3040-3047	2.4	5

420	Synthesis of Quinolino[3',4':4,5]pyrrolo[1,2-f]phenanthridines by Regioselective Sonogashira Reaction Followed by Domino C-N Coupling/Hydroamination/C-N Arylation. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 3865-3873	3.2	4
419	Synthesis of 16-E-((arylidene)-3-methoxy-estrone)s by a palladium catalysed Mizoroki-Heck reaction. <i>Tetrahedron Letters</i> , 2017 , 58, 2801-2803	2	4
418	Synthesis and Properties of Aza-ullazines. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4575-4578	6.4	34
417	Synthesis and properties of 5,7-disubstituted 5,7-dihydropyrido[2,3-b:6,5-b']diindoles. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 1758-1769	5.6	6
416	Synthesis of pyrrolo[1,2-a]naphthyridines by Lewis acid mediated cycloisomerization. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 3216-3231	3.9	9
415	Synthesis, functionalization and biological activity of arylated derivatives of (+)-estrone. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 949-962	3.4	7
414	Synthesis of Pyrimido[5',4':4,5]pyrrolo[1,2-f]phenanthridines by a One-Pot C-N-Coupling/Hydroamination/C-N-Arylation Sequence. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 989-995	3.2	1
413	Domino Reactions of Chromone-3-carboxylic Acids with Aminoheterocycles: Synthesis of Heteroannulated Pyrido[2,3-c]coumarins and their Optical and Biological Activity. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 7148-7159	3.2	10
412	Ultrasound-assisted, ZnBr ₂ -catalyzed regio- and stereoselective synthesis of novel 3,3'-dispiropyrrrolidine bisoxindole derivatives via 1,3-dipolar cycloaddition reaction of an azomethine ylide. <i>Arkivoc</i> , 2017 , 2017, 20-31	0.9	5
411	Convenient Synthesis of 11-Substituted 11H-Indolo[3,2-c]quinolines by Sequential Chemoselective Suzuki Reaction/Double C-N Coupling. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 5554-5565	3.2	9
410	Synthesis of Alkynylated Dihydrofuran-2(3H)-ones as Potent and Selective Inhibitors of Tissue Non-Specific Alkaline Phosphatase. <i>ChemistrySelect</i> , 2017 , 2, 5677-5683	1.8	4
409	Chemoselective synthesis and biological evaluation of arylated 2-(Trifluoromethyl) quinolines as nucleotide pyrophosphatase (NPPs) inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017 , 138, 816-829	6.8	3
408	Synthesis and Properties of Aza-ullazines. <i>Angewandte Chemie</i> , 2017 , 129, 4646-4649	3.6	9
407	Palladium-Catalysed Sonogashira Reactions of 16-(Hydroxymethylidene)-3-methoxy-estrone. <i>Synlett</i> , 2017 , 28, 2647-2649	2.2	1
406	Reactions of 3-Acylchromones with Heterocyclic Ketene Aminals: One-Pot Synthesis and Phosphatase Inhibitory Activity of Fused Pyridine Derivatives. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 186-202	3.2	8
405	Convenient Synthesis of Thieno[3,2-b]indoles and Thieno[3,4-b]indoles by Sequential Site-Selective Suzuki and Double C-N Coupling Reactions. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 538-550	3.2	6
404	Synthesis, alkaline phosphatase inhibition studies and molecular docking of novel derivatives of 4-quinolones. <i>European Journal of Medicinal Chemistry</i> , 2017 , 126, 408-420	6.8	23
403	Synthesis of 3,3'-carbonyl-bis(chromones) and their activity as mammalian alkaline phosphatase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 495-502	3.9	19

402	Synthesis of arylated coumarins by Suzuki-Miyaura cross-coupling. Reactions and anti-HIV activity. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 5115-5126	3.4	14
401	New one-pot synthesis of N-fused isoquinoline derivatives by palladium-catalyzed C-H arylation: potent inhibitors of nucleotide pyrophosphatase-1 and -3. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 11402-11414	3.9	28
400	Synthesis of 2-arylated thiadiazolopyrimidones by Suzuki-Miyaura cross-coupling: a new class of nucleotide pyrophosphatase (NPPs) inhibitors. <i>RSC Advances</i> , 2016 , 6, 107556-107571	3.7	14
399	Regioselective Synthesis of Naphtho-fused Heterocycles via Palladium(0)-Catalyzed Tandem Reaction of N-Tosylhydrazones. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 1328-1336	5.6	17
398	Synthesis and photophysical properties of tetra and pentaarylated fluorobenzenes. <i>Tetrahedron</i> , 2016 , 72, 1076-1082	2.4	2
397	A general protocol for the efficient synthesis of polyarylated benzenes by multiple Suzuki-Miyaura reactions of polychlorinated benzenes. <i>Tetrahedron</i> , 2016 , 72, 1083-1094	2.4	8
396	Synthesis and phosphatase inhibitory activity of 3-alkynylestrones and their derivatives. <i>RSC Advances</i> , 2016 , 6, 11118-11127	3.7	5
395	Straightforward synthesis of tetraalkynylpyrazines and their photophysical properties. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 1442-9	3.9	9
394	Pd(0)-catalyzed domino C-N coupling/hydroamination/C-H arylation reactions: efficient synthesis and photophysical properties of azaindolo[1,2-f]phenanthridines. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 1293-301	3.9	6
393	Synthesis and Solution Structure of 1H-Benzo-1,5-diazepine Derivatives with a Perfluoroalkyl Side Chain. <i>Helvetica Chimica Acta</i> , 2016 , 99, 361-372	2	5
392	Suzuki-Miyaura reactions of 3,5-dichloro-2,4,6-trifluoropyridine. <i>Tetrahedron Letters</i> , 2016 , 57, 3060-3062		8
391	Synthesis of aminomethyl derivatives of 5-substituted-3-(prop-2-ynyl)dihydrofuran-2(3H)-ones. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016 , 71, 267-271	1	1
390	The role of naked fluoride ion as base or catalyst in organic synthesis. <i>Tetrahedron</i> , 2016 , 72, 2763-2812	2.4	19
389	Comparative enzyme inhibition study of 1-deazapurines. <i>Medicinal Chemistry Research</i> , 2016 , 25, 2599-2606		8
388	Synthesis and bioactivity of N-glycosylated 3-(2-oxo-2-arylethylidene)-indolin-2-ones. <i>RSC Advances</i> , 2015 , 5, 20769-20782	3.7	4
387	Synthesis of 2,3,3a,9a-Tetrahydro-1H-cyclopenta[b]quinoxaline-1,3,4,9-tetracarboxylate by Cyclization of 1,5-Bis[(trimethylsilyl)oxy]penta-1,4-dienes with Quinoxalines. <i>Helvetica Chimica Acta</i> , 2015 , 98, 308-317	2	0
386	Diversity oriented synthesis of 6-nitro- and 6-aminoquinolones and their activity as alkaline phosphatase inhibitors. <i>RSC Advances</i> , 2015 , 5, 60054-60078	3.7	8
385	Site-selective synthesis of arylated pyridines by Suzuki-Miyaura reactions of 2,3,5,6-tetrachloropyridine. <i>Tetrahedron</i> , 2015 , 71, 5371-5384	2.4	15

- 384 Efficient one-pot synthesis of 5-perfluoroalkylpyrazoles by cyclization of hydrazone dianions. *Organic and Biomolecular Chemistry*, **2015**, 13, 8277-90 3.9 19
- 383 Synthesis of tetraaryl- and tetraalkenylpyrazines by Suzuki-Miyaura reactions of tetrachloropyrazine. *Tetrahedron*, **2015**, 71, 6803-6812 2.4 8
- 382 Synthesis of 4-quinolones, benzopyran derivatives and other fused systems based on the domino ANRORC reactions of (ortho-fluoro)-3-benzoylchromones. *RSC Advances*, **2015**, 5, 28717-28724 3.7 16
- 381 Facile synthesis of 4- and 7-azaindoles from the corresponding imines by palladium-catalyzed cascade C-C and C-N coupling. *Organic and Biomolecular Chemistry*, **2015**, 13, 6047-58 3.9 9
- 380 Regioselective Direct Arylation of Fused 3-Nitropyridines and Other Nitro-Substituted Heteroarenes: The Multipurpose Nature of the Nitro Group as a Directing Group. *ChemCatChem*, **2015**, 7, 316-324 5.2 19
- 379 Synthesis of pyrrolocoumarins via Pd-catalyzed domino C-N coupling/hydroamination reactions. *Tetrahedron Letters*, **2015**, 56, 86-88 2 12
- 378 Synthesis of Imidazo[2,1-b][2H-1,3,4]thiadiazines and 1,2,4-Triazolo[3,4-b][2H-1,3,4]thiadiazines. *Journal of Heterocyclic Chemistry*, **2015**, 52, 463-467 1.9 4
- 377 Synthesis and Reactivity of 2-Pyrrolidino-, 2-N-Methylpiperazino-, 2-Piperidino-, and 2-Morpholino-1,3,4-thiadiazines. *Journal of Heterocyclic Chemistry*, **2015**, 52, 450-462 1.9 2
- 376 Efficient synthesis of β - and γ -carbolines by sequential Pd-catalyzed site-selective C-C and twofold C-N coupling reactions. *Organic and Biomolecular Chemistry*, **2015**, 13, 1375-86 3.9 15
- 375 Novel synthesis of 5-methyl-5,10-dihydroindolo[3,2-b]indoles by Pd-catalyzed C-C and two-fold C-N coupling reactions. *Organic and Biomolecular Chemistry*, **2015**, 13, 583-91 3.9 25
- 374 Synthesis of functionalized 2-salicyloylfurans, furo[3,2-b]chromen-9-ones and 2-benzoyl-8H-thieno[2,3-b]indoles by one-pot cyclizations of 3-halochromones with β -ketoamides and 1,3-dihydroindole-2-thiones. *Organic and Biomolecular Chemistry*, **2015**, 13, 729-50 3.9 19
- 373 Synthesis of 2-Unsubstituted 1,3-Selenazoles by Cyclization of Selenoformamide with β -Bromocarbonyl Compounds. *Journal of Heterocyclic Chemistry*, **2015**, 52, 592-596 1.9 3
- 372 Synthesis of tetraarylpyridines by chemo-selective Suzuki-Miyaura reactions of 3,5-dibromo-2,6-dichloropyridine. *Organic and Biomolecular Chemistry*, **2015**, 13, 6832-8 3.9 21
- 371 Regioselective Suzuki-Miyaura reactions of 4,7-dichloro-N-methylisatin. Synthesis, anti-HIV activity and modeling study. *RSC Advances*, **2015**, 5, 107360-107369 3.7 3
- 370 Synthesis of optically pure (S)-2-amino-5-arylpent-4-ynoic acids by Sonogashira reactions and their potential use as highly selective potent inhibitors of aldose reductase. *RSC Advances*, **2015**, 5, 107400-107412 3.7 8
- 369 One-Pot Palladium-Catalyzed Synthesis of Benzo[b]carbazolediones. *Synlett*, **2015**, 26, 2429-2433 2.2 7
- 368 Site-Selective Suzuki-Miyaura Reaction of 6,8-Dibromoflavone. *Synlett*, **2015**, 26, 2601-2605 2.2 2
- 367 Chemoselective Suzuki-cross coupling reactions of 5-bromoquinolin-8-yl trifluoromethanesulfonate. *Tetrahedron Letters*, **2015**, 56, 554-557 2 11

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149	Synthesis and antimicrobial activity of 2-alkenylchroman-4-ones, 2-alkenylthiochroman-4-ones and 2-alkenylquinol-4-ones. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 10319-25	3.4	38
148	Synthesis of 2-benzoyl-4-(2-hydroxybenzoyl)phenols by catalytic domino Michael-Retro-Michael-Mukaiyama-aldol reactions of 1-aryl-1,3-bis(silyloxy)buta-1,3-dienes with 3-formylchromones. <i>Tetrahedron</i> , 2008 , 64, 894-900	2.4	8
147	Regioselective synthesis of sterically encumbered diaryl ethers based on one-pot cyclizations of 4-aryloxy-1,3-bis(trimethylsilyloxy)-1,3-dienes. <i>Tetrahedron</i> , 2008 , 64, 529-535	2.4	5
146	Synthesis of pyrazole-3-carboxylates and pyrazole-1,5-dicarboxylates by one-pot cyclization of hydrazone dianions with diethyl oxalate. <i>Tetrahedron</i> , 2008 , 64, 2207-2215	2.4	23
145	Synthesis and reactions of functionalized spirocyclopropanes by cyclization of ketosulfones, cyanoacetone and diethyl 2-oxopropylphosphonate with 1,1-diacetylcyclopropane. <i>Tetrahedron</i> , 2008 , 64, 3246-3252	2.4	6
144	Synthesis of functionalized diaryl sulfides based on regioselective one-pot cyclizations of 1,3-bis(trimethylsilyloxy)-1,3-butadienes. <i>Tetrahedron</i> , 2008 , 64, 3782-3793	2.4	18
143	Synthesis of 1-azaxanthenes by condensation of 1,3-bis(trimethylsilyloxy)-1,3-butadienes with 3-(cyano)benzopyrylium triflates and subsequent domino Retro-Michael/nitrile-addition/heterocyclization reaction. <i>Tetrahedron</i> , 2008 , 64, 5416-5425	2.4	14
142	Regioselective synthesis of 6-halomethyl-5,6-dihydro-4H-1,2-oxazines based on cyclizations of arylalkenyl-oximes. <i>Tetrahedron</i> , 2008 , 64, 8010-8015	2.4	15
141	Synthesis of 4-hydroxy- and 2,4-dihydroxy-homophthalates by [4+2] cycloaddition of 1,3-bis(silyloxy)-1,3-butadienes with dimethyl allene-1,3-dicarboxylate. <i>Tetrahedron</i> , 2008 , 64, 8003-8009	2.4	10
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139	First synthesis of oxa-analogous isoindigo-N-glycosides. <i>Tetrahedron Letters</i> , 2008 , 49, 289-291	2	7
138	Synthesis of heterospiranes by cyclization of dinucleophiles with 1,1-bis(tosyloxymethyl)cyclopropane and -cyclobutane. <i>Tetrahedron Letters</i> , 2008 , 49, 675-677	2	2
137	Regioselective Suzuki cross-coupling reactions of 2,3,4,5-tetrabromo-1-methylpyrrole. <i>Tetrahedron Letters</i> , 2008 , 49, 1698-1700	2	49
136	The first 4-chloro-1,3-bis(trimethylsilyloxy)-1,3-diene and its application to the regioselective synthesis of chlorinated arenes. <i>Tetrahedron Letters</i> , 2008 , 49, 2329-2332	2	8
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45	Synthesis of 1,3-Selenazoles and Bis(selenazoles) from Primary Selenocarboxylic Amides and Selenourea. <i>Synthesis</i> , 2004 , 2004, 875-884	2.9	37
44	Synthesis of N-Aryl-5-alkylidene-2,5-dihydropyrrol-2-ones by Cyclization/Dimroth Rearrangement/ Reactions of 1,3-Dicarbonyl Dianions with Diimidoyl Dichlorides of Oxalic Acid. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 1897-1910	3.2	12
43	Synthesis and reactivity of 1-hydroxyspiro[2.5]cyclooct-4-en-3-ones. <i>Tetrahedron Letters</i> , 2004 , 45, 3861-3863	2.0	

42	Efficient synthesis of tricyclic quinazolines by one-pot cyclizations of 2-(dichloroisocyanido)benzotrile. <i>Tetrahedron Letters</i> , 2004 , 45, 8741-8743	2	13
41	Synthesis of functionalized acetophenones by [3+3] cyclizations of 1,3-bis-silyl enol ethers with 2-acetyl-3-silyloxyalk-2-en-1-ones. <i>Tetrahedron Letters</i> , 2004 , 45, 9177-9179	2	18
40	Peroxidase catalyzed formation of azine pigments--a convenient and sensitive method for the identification of human cells with positive myeloperoxidase reactivity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 1509-11	2.9	15
39	Domino "[3+3]-cyclization-homo-Michael" reactions of 1,3-bissilyl enol ethers with 1,1-diacetylcyclopropanes. <i>Journal of Organic Chemistry</i> , 2004 , 69, 9128-34	4.2	38
38	Synthesis of 4,5-benzotropones by cyclization of 1,3-bis-silyl enol ethers with 1,2-dialdehydes. <i>Journal of Organic Chemistry</i> , 2004 , 69, 3417-24	4.2	15
37	Suzuki cross-coupling reactions of gamma-alkylidenebutenolides: application to the synthesis of vulpinic acid. <i>Journal of Organic Chemistry</i> , 2004 , 69, 3753-7	4.2	25
36	Cyclization reactions of dianions in organic synthesis. <i>Chemical Reviews</i> , 2004 , 104, 4125-50	68.1	114
35	Michael-Michael-Wittig Reactions of (2,4-Dioxobutylidene)phosphoranes with 3-Formylchromones. <i>Synlett</i> , 2003 , 2003, 0402-0404	2.2	9
34	Efficient Synthesis of 2-Unsubstituted 1,3-Selenazoles. <i>Synlett</i> , 2003 , 2003, 1195-1197	2.2	11
33	Synthesis and Functionalization of 4-Halomethyl-1,3-selenazoles. <i>Synthesis</i> , 2003 , 2003, 1215-1220	2.9	16
32	Synthesis and Reactivity of 3,4-Dimethyl-4H-1,3,4-thiadiazines. <i>Synlett</i> , 2003 , 2003, 2392-2394	2.2	13
31	Sequential Cyclizations of 2-Isothiocyanatobenzotrile with Amino Carboxylic Esters and Acids. <i>Synlett</i> , 2003 , 2003, 1743-1745	2.2	8
30	Domino Michael-retro-Michael-aldol Reactions of 1,3-bis-silyl enol ethers with 3-formylchromones. <i>Tetrahedron Letters</i> , 2003 , 44, 7921-7923	2	23
29	Domino Cyclization of 2-Isothiocyanatobenzotrile with Carboxylic Hydrazides One-Pot Synthesis of 1,2,4-Triazolo[1,5-c]quinazoline-5(6H)-thiones. <i>European Journal of Organic Chemistry</i> , 2003 , 2003, 182-189	3.2	17
28	[3+3]-Cyclisierungsreaktionen von 1,3-Bis-Silylenolethern mit 1,1-Diacetylcyclopentan und 1,1-Diacetylcyclopropan. <i>Angewandte Chemie</i> , 2003 , 115, 4165-4168	3.6	12
27	Efficient synthesis of 2-alkylidene-3-iminoindoles, indolo[1,2-b]isoquinolin-5-ones, delta-carbolines, and indirubines by domino and sequential reactions of functionalized nitriles. <i>Chemistry - A European Journal</i> , 2003 , 9, 3951-64	4.8	17
26	[3+3] cyclizations of 1,3-bis(silyl enol ether)s with 1,1-diacetylcyclopentane and 1,1-diacetylcyclopropane. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 4033-6	16.4	65
25	Efficient synthesis of benzopyrano[2,3-b]pyridines by sequential reactions of 1,3-bis-silyl enol ethers with 3-cyanobenzopyrylium triflates. <i>Tetrahedron Letters</i> , 2003 , 44, 5133-5135	2	27

24	Sequential cyclizations of 2-isothiocyanatobenzonitrile and 2-isocyanatobenzonitrile with α -aminoketones. <i>Tetrahedron Letters</i> , 2003 , 44, 5965-5967	2	34
23	Chemoselective, regioselective, and E/Z-diastereoselective synthesis of 2-alkylidenetetrahydrofurans by sequential reactions of ambident dianions and monoanions. <i>Journal of Organic Chemistry</i> , 2003 , 68, 9742-6	4.2	25
22	Efficient and stereoselective synthesis of bicyclo[3.2.1]octan-8-ones: synthesis and palladium-catalyzed isomerization of functionalized 2-vinyl-2,3,3a,4,5,6-hexahydro-2,3-benzofurans. <i>Chemistry - A European Journal</i> , 2002 , 8, 917-28	4.8	25
21	Synthesis of functionalized 2-alkylidenetetrahydrofurans by cyclization of 1,3-bis(trimethylsilyloxy)-1,3-butadienes with epoxides. <i>Chemistry - A European Journal</i> , 2002 , 8, 1443-55	4.8	26
20	Efficient Synthesis of Nitrogen Heterocycles by Cyclization of Bis(nucleophiles) with Oxaldiimidoyl Dichlorides. <i>European Journal of Organic Chemistry</i> , 2002 , 2002, 221-234	3.2	29
19	Efficient Synthesis of Primary Selenocarboxylic Amides by Reaction of Nitriles with Phosphorous(V) Selenide. <i>Synlett</i> , 2002 , 2002, 1983-1986	2.2	29
18	Cyclization Reactions of 1,3-Bis-Silyl Enol Ethers and Related Masked Dianions. <i>Synthesis</i> , 2002 , 2002, 441-459	2.9	173
17	Efficient and regioselective synthesis of functionalized pyrroles by cyclocondensation of 1,3-dicarbonyl dianions with α -azidoketones. <i>Chemical Communications</i> , 2002 , 2668-9	5.8	19
16	Efficient synthesis of biaryl lactones by domino retro-Michael-aldol-lactonization reactions. <i>Chemical Communications</i> , 2002 , 168-9	5.8	18
15	New Strategies for the Efficient Synthesis of Medium-Sized Bicyclic α -Alkylidenebutenolides Based on Regioselective Cyclizations of 1,3-Bis(trimethylsilyloxy)-1,3-butadienes with Oxalyl Chloride. <i>European Journal of Organic Chemistry</i> , 2001 , 2001, 3657	3.2	20
14	Regio- and stereoselective synthesis of Nor-nonactinic acid derivatives--kinetic reaction control in the Lewis acid mediated domino reaction of 1,3-dicarbonyl dianions with 1-bromo-2,3-epoxypropanes. <i>Chemistry - A European Journal</i> , 2001 , 7, 565-72	4.8	32
13	Chemo-, regio-, and stereoselective cyclizations of 1,3-bis(trimethylsilyloxy)-1,3-butadienes with α -chloroacetic acid chlorides and α -chloroacetic acetals. <i>Chemistry - A European Journal</i> , 2001 , 7, 1720-7	4.8	42
12	Regio- and diastereoselective cyclization reactions of free and masked 1,3-dicarbonyl dianions with 1,2-dielectrophiles. <i>Chemistry - A European Journal</i> , 2001 , 7, 3859-66	4.8	58
11	Regio- and Diastereoselective Synthesis of N-Aryl-5-alkylidene-5H-pyrrol-2-ones by a new Domino Reaction of 1,3-Dicarbonyl Dianions with Oxalic Acid-bis(imidoyl)chlorides. <i>Synlett</i> , 2001 , 2001, 1437-1439	3.2	6
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