

# Gyrgy Keglevich

## 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.

523  
papers

7,603  
citations

38  
h-index

54  
g-index

600  
ext. papers

8,412  
ext. citations

2  
avg, IF

6.45  
L-index

#	Paper	IF	Citations
523	MW-assisted hydrolysis of phosphinates in the presence of PTSA as the catalyst, and as a MW absorber. <i>Green Processing and Synthesis</i> , <b>2022</b> , 11, 176-183	3.9	
522	Enantioseparation of $\alpha$ -Stereogenic Secondary Phosphine Oxides and Their Stereospecific Transformation to Various Tertiary Phosphine Oxides and a Thiophosphinate. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 14493-14507	4.2	2
521	Greener Synthesis of Zoledronic Acid from Imidazol-1-yl-acetic Acid and P-Reagents Using Diethyl Carbonate as the Solvent Component. <i>Letters in Organic Chemistry</i> , <b>2021</b> , 18, 8-12	0.6	1
520	The surprising diacylation of diethyl (ethoxycarbonylmethyl)phosphonate. <i>Mendeleev Communications</i> , <b>2021</b> , 31, 244-245	1.9	1
519	Alcoholysis Versus Fission of the Ester Group During the Reaction of Dialkyl Phenylphosphonates in the Presence of Ionic Liquids. <i>Current Organic Chemistry</i> , <b>2021</b> , 25, 842-848	1.7	3
518	Novel Ring Systems: Spiro[Cycloalkane] Derivatives of Triazolo- and Tetrazolo-Pyridazines. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
517	Synthesis of $\beta$ -Aminophosphonates and Related Derivatives; the Last Decade of the Kabachnik-Fields Reaction. <i>Molecules</i> , <b>2021</b> , 26,	4.8	13
516	Synthesis of Spiro[cycloalkane-pyridazinones] with High Fsp3 Character Part 2*. <i>Letters in Organic Chemistry</i> , <b>2021</b> , 18, 373-381	0.6	3
515	The Hydrolysis of Phosphinates and Phosphonates: A Review. <i>Molecules</i> , <b>2021</b> , 26,	4.8	4
514	MW-Promoted Cu(I)-Catalyzed $P\pi$ Coupling Reactions without the Addition of Conventional Ligands; an Experimental and a Theoretical Study. <i>Catalysts</i> , <b>2021</b> , 11, 933	4	1
513	Application of microwave irradiation in the synthesis of P-heterocycles <b>2021</b> , 111-142		0
512	Microwaves as "Co-Catalysts" or as Substitute for Catalysts in Organophosphorus Chemistry. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
511	Synthesis of 3-diethylphosphonyl-2-hydroxy-prop-2-ylphosphonate and -phosphine oxide derivatives via the Pudovik reaction of diethyl 2-oxopropylphosphonate on the surface of Al <sub>2</sub> O <sub>3</sub> /KF. <i>Tetrahedron Letters</i> , <b>2021</b> , 68, 152902	2	2
510	Unexpected Formation of 4-aryl-1-(Propane-2-ylidenehydrazono)-2,3-diazaspiro[5.5]undec-3-ene by the Reaction of Pyridazinethiones Derivatives with Hydrazine. <i>MolBank</i> , <b>2021</b> , 2021, M1243	0.5	
509	Microwave-Assisted Ionic Liquid-Catalyzed Selective Monoesterification of Alkylphosphonic Acids-An Experimental and a Theoretical Study. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
508	Synthesis of Phosphonates, Phosphinates and Tertiary Phosphine Oxides by Pd- or Ni-Catalyzed Microwave-Assisted $P\pi$ Coupling Reactions without the Addition of Conventional Ligands. <i>Current Organic Chemistry</i> , <b>2021</b> , 25, 1472-1482	1.7	0
507	Optical Resolution of Dimethyl $\beta$ -Hydroxy-Arylmethylphosphonates via Diastereomer Complex Formation Using Calcium Hydrogen O,O'-Dibenzoyl-(2R,3R)-Tartrate; X-Ray Analysis of the Complexes and Products. <i>Symmetry</i> , <b>2020</b> , 12, 758	2.7	2

506	Experimental and Theoretical Study on the "2,2'-Bipyridyl-Ni-Catalyzed" Hirao Reaction of >P(O)H Reagents and Halobenzenes: A Ni(0) -> Ni(II) or a Ni(II) -> Ni(IV) Mechanism?. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 14486-14495	4.2	9
505	Microwave-assisted synthesis of $\beta$ -aminophosphonates with sterically demanding $\beta$ -aryl substituents. <i>Synthetic Communications</i> , <b>2020</b> , 50, 1446-1455	1.7	4
504	Scalable Enantiomeric Separation of Dialkyl-Arylphosphine Oxides Based on Host-Guest Complexation with TADDOL-Derivatives, and their Recovery. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 1840-1852	3.2	3
503	Two step acidic hydrolysis of dialkyl arylphosphonates. <i>Mendeleev Communications</i> , <b>2020</b> , 30, 38-39	1.9	11
502	Enantioselective cyclopropanation of conjugated cyanosulfones using carbohydrate-based crown ether catalysts. <i>Tetrahedron</i> , <b>2020</b> , 76, 130965	2.4	8
501	A surprising mechanism lacking the Ni(0) state during the Ni(II)-catalyzed Pd cross-coupling reaction performed in the absence of a reducing agent [An experimental and a theoretical study. <i>Pure and Applied Chemistry</i> , <b>2020</b> , 92, 493-503	2.1	8
500	Microwave-assisted simple synthesis of 2-anilinopyrimidines by the reaction of 2-chloro-4,6-dimethylpyrimidine with aniline derivatives.. <i>RSC Advances</i> , <b>2020</b> , 10, 12249-12254	3.7	1
499	$\beta$ -Hydroxyphosphonates as intermediates in the Kabachnik-Fields reaction: New proof of their reversible formation. <i>Tetrahedron Letters</i> , <b>2020</b> , 61, 151961	2	5
498	Preparation of 2-phospholene oxides by the isomerization of 3-phospholene oxides. <i>Beilstein Journal of Organic Chemistry</i> , <b>2020</b> , 16, 818-832	2.5	2
497	MW irradiation and ionic liquids as green tools in hydrolyses and alcoholyses. <i>Green Processing and Synthesis</i> , <b>2020</b> , 10, 001-010	3.9	5
496	A Study on the Rearrangement of Dialkyl 1-Aryl-1-hydroxymethylphosphonates to Benzyl Phosphates. <i>Current Organic Chemistry</i> , <b>2020</b> , 24, 465-471	1.7	8
495	A Study on the Reactivity of Monosubstituted Benzenes in the MW-Assisted Pd(OAc) <sub>2</sub> -catalyzed Hirao Reaction with Ph <sub>2</sub> P(O)H and (EtO) <sub>2</sub> P(O)H Reagents. <i>Current Organic Chemistry</i> , <b>2020</b> , 24, 1048-1054	1.7	5
494	Synthesis of Spiro[cycloalkane-pyridazinones] with High Fsp <sup>3</sup> Character. <i>Letters in Drug Design and Discovery</i> , <b>2020</b> , 17, 731-744	0.8	4
493	Continuous Flow Esterification of $\alpha$ -Phosphinic Acid, and Transesterification of $\alpha$ -phosphinates and $\alpha$ -Phosphonates under Microwave Conditions. <i>Molecules</i> , <b>2020</b> , 25,	4.8	11
492	Enantioselective Michael Addition of Malonates to Enones. <i>Current Organic Chemistry</i> , <b>2020</b> , 24, 746-773	1.7	1
491	Preparation of Palladium(II) Complexes of 1-substituted-3-phospholene Ligands and their Evaluation as Catalysts in Hydroalkoxycarbonylation. <i>Current Organic Chemistry</i> , <b>2020</b> , 23, 2873-2879	1.7	1
490	Synthesis of xylal- and arabinal-based crown ethers and their application as asymmetric phase transfer catalysts. <i>Chirality</i> , <b>2020</b> , 32, 107-119	2.1	4
489	The Synthesis of Hydrobenzoin-Based Monoaza Crown Ethers and Their Application as Recyclable Enantioselective Catalysts. <i>Catalysis Letters</i> , <b>2020</b> , 150, 930-938	2.8	1

488	Focusing on the Catal. of the Pd- and Ni-Catalyzed Hirao Reactions. <i>Molecules</i> , <b>2020</b> , 25,	4.8	5
487	Optimization and a Kinetic Study on the Acidic Hydrolysis of Dialkyl $\beta$ -Hydroxybenzylphosphonates. <i>Molecules</i> , <b>2020</b> , 25,	4.8	6
486	The Synthesis of $\beta$ -Hydroxy- and $\beta$ -Chlorophosphonic Acid Derivatives Starting from Benzaldehydes and Phosphorous Acid or Dimethyl Phosphite. <i>Current Organic Chemistry</i> , <b>2019</b> , 23, 968-973	1.7	
485	Microwave-Assisted Hirao Reaction of Heteroaryl Bromides and $>P(O)H$ Reagents Using $Pd(OAc)_2$ as the Catalyst Precursor in the Absence of Added P-Ligands. <i>Current Organic Chemistry</i> , <b>2019</b> , 23, 1151-1157	1.7	7
484	Microwave irradiation and catalysis in organophosphorus chemistry. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2019</b> , 194, 391-395	1	
483	Research Papers from the 22nd International Conference on Phosphorus Chemistry (ICPC-22). <i>Pure and Applied Chemistry</i> , <b>2019</b> , 91, 1-2	2.1	2
482	Resolution of acyclic phosphine oxides with TADDOL- and tartaric acid derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2019</b> , 194, 556-557	1	
481	Synthesis of chiral crown ethers derived from d-galactose and their application in enantioselective reactions. <i>Tetrahedron</i> , <b>2019</b> , 75, 3993-4004	2.4	11
480	The typical crystal structures of a few representative $\beta$ -aryl- $\beta$ -hydroxyphosphonates. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2019</b> , 75, 283-293	0.8	2
479	Phosphorylation of (1-aryl-1-hydroxymethyl)phosphonates. <i>Mendeleev Communications</i> , <b>2019</b> , 29, 153-154	1.4	3
478	Microwave-Assisted Kabachnik-Fields Reaction with Amino Alcohols as the Amine Component. <i>Molecules</i> , <b>2019</b> , 24,	4.8	7
477	Synthesis of phosphonates in a continuous flow manner. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2019</b> , 194, 285-286	1	2
476	Microwave-assisted synthesis of $\beta$ -aminophosphonates and related derivatives by the Kabachnik-Fields reaction. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2019</b> , 194, 379-381	1	3
475	Application of the Microwave Technique in Continuous Flow Processing of Organophosphorus Chemical Reactions. <i>Materials</i> , <b>2019</b> , 12,	3.5	14
474	Microwave-assisted synthesis of $\beta$ -aminophosphine oxides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2019</b> , 194, 345-348	1	1
473	Microwave-assisted synthesis of $\beta$ -aminophosphine oxides by the Kabachnik-Fields reaction applying amides as the starting materials. <i>Synthetic Communications</i> , <b>2019</b> , 49, 1047-1054	1.7	4
472	Microwave irradiation and catalysis in organophosphorus reactions. <i>Pure and Applied Chemistry</i> , <b>2019</b> , 91, 145-157	2.1	2
471	A Study on the Synthesis of Risedronic Acid: The Role of an Ionic Liquid Additive. <i>Letters in Drug Design and Discovery</i> , <b>2019</b> , 16, 238-244	0.8	3

470	Synthesis and anticancer cytotoxicity with structural context of an $\alpha$ -hydroxyphosphonate based compound library derived from substituted benzaldehydes. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 14028-14035	3.6	8
469	Synthesis of phosphonates from phenylphosphonic acid and its monoesters. <i>Synthetic Communications</i> , <b>2019</b> , 49, 2642-2650	1.7	9
468	New Developments on the Hirao Reactions, Especially from "Green" Point of View. <i>Current Organic Synthesis</i> , <b>2019</b> , 16, 523-545	1.9	19
467	Synthesis of Phenyl- and Pyridyl-substituted Benzyloxybenzaldehydes by Suzuki-Miyaura Coupling Reactions. <i>Letters in Drug Design and Discovery</i> , <b>2019</b> , 16, 1248-1257	0.8	1
466	Newer Developments in the Synthesis of P-Heterocycles. <i>Current Organic Chemistry</i> , <b>2019</b> , 23, 1342-1355	1.7	6
465	New bis-rhodium complex with a bidentate 3-phosphino-1,2,3,6-tetrahydrophosphinine P-ligand. <i>Mendeleev Communications</i> , <b>2019</b> , 29, 573-574	1.9	1
464	A Mechanistic Study on the Tautomerism of $\alpha$ -Phosphonates, $\alpha$ -Phosphinates and Secondary Phosphine Oxides. <i>Molecules</i> , <b>2019</b> , 24,	4.8	11
463	Palladium-catalyzed microwave-assisted Hirao reaction utilizing the excess of the diarylphosphine oxide reagent as the P-ligand; a study on the activity and formation of the PdP2O catalyst. <i>Pure and Applied Chemistry</i> , <b>2019</b> , 91, 121-134	2.1	15
462	Oxidative P-C Couplings and Related Reactions <b>2019</b> , 309-328		
461	Microwave-assisted synthesis of $\alpha$ -bis(phosphinoylmethyl)amines and $\alpha$ -tris(phosphinoylmethyl)amines bearing different substituents on the phosphorus atoms. <i>Beilstein Journal of Organic Chemistry</i> , <b>2019</b> , 15, 469-473	2.5	4
460	Isomerization and application of phospholene oxides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2019</b> , 194, 610-613	1	2
459	Direct esterification of phosphinic and phosphonic acids enhanced by ionic liquid additives. <i>Pure and Applied Chemistry</i> , <b>2019</b> , 91, 59-65	2.1	11
458	Continuous flow synthesis of $\alpha$ -aryl- $\alpha$ -aminophosphonates. <i>Pure and Applied Chemistry</i> , <b>2019</b> , 91, 67-76	2.1	10
457	The preparation and application of optically active organophosphorus compounds. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2019</b> , 194, 591-594	1	3
456	Rational synthesis of $\alpha$ -hydroxyphosphonic derivatives including dronic acids. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2019</b> , 194, 386-387	1	3
455	The Impact of Microwaves on Organophosphorus Chemistry. <i>Chemical Record</i> , <b>2019</b> , 19, 65-76	6.6	5
454	Synthesis of platinum, palladium and rhodium complexes of $\alpha$ -aminophosphine ligands. <i>Dalton Transactions</i> , <b>2018</b> , 47, 4755-4778	4.3	23
453	Preparation of enantiopure 1-isopentyl-3-methyl-3-phospholene 1-oxide via the formation of diastereomeric complexes. <i>Heteroatom Chemistry</i> , <b>2018</b> , 29, e21411	1.2	

452	Microwave-assisted direct esterification of a cyclic phosphinic acid with phenols. <i>Mendeleev Communications</i> , <b>2018</b> , 28, 31-32	1.9	10
451	Efficient syntheses of zoledronic acid as an active ingredient of a drug against osteoporosis. <i>Synthetic Communications</i> , <b>2018</b> , 48, 663-671	1.7	7
450	Synthesis of d-mannitol-based crown ethers and their application as catalyst in asymmetric phase transfer reactions. <i>Chirality</i> , <b>2018</b> , 30, 407-419	2.1	13
449	Asymmetric cyclopropanation reactions catalyzed by carbohydrate-based crown ethers. <i>Tetrahedron</i> , <b>2018</b> , 74, 3512-3526	2.4	13
448	The resolution of acyclic P-stereogenic phosphine oxides via the formation of diastereomeric complexes: A case study on ethyl-(2-methylphenyl)-phenylphosphine oxide. <i>Chirality</i> , <b>2018</b> , 30, 509-522	2.1	10
447	Esterification of benzoic acid in a continuous flow microwave reactor. <i>Journal of Flow Chemistry</i> , <b>2018</b> , 8, 11-19	3.3	11
446	Continuous Flow Alcoholysis of Dialkyl H-Phosphonates with Aliphatic Alcohols. <i>Molecules</i> , <b>2018</b> , 23,	4.8	14
445	Dynamic kinetic resolution of 1-substituted-3-methyl-3-phospholene oxides via the formation of diastereomeric alkoxyphospholenium salts. <i>Tetrahedron</i> , <b>2018</b> , 74, 5850-5857	2.4	5
444	Potential and Scope of Microwave Heating: A Case Study on the Synthesis of Phosphinates. <i>Current Green Chemistry</i> , <b>2018</b> , 5, 60-66	1.3	2
443	Synthesis and Reactions of $\beta$ -Hydroxyphosphonates. <i>Molecules</i> , <b>2018</b> , 23,	4.8	32
442	Organophosphorus Chemistry <b>2018</b> ,		8
441	Synthesis of alkyl $\beta$ - and $\mu$ -glucopyranoside-based chiral crown ethers and their application as enantioselective phase-transfer catalysts. <i>Research on Chemical Intermediates</i> , <b>2018</b> , 44, 1627-1645	2.8	11
440	Efficient Synthesis of Ibandronate in the Presence of an Ionic Liquid. <i>Letters in Drug Design and Discovery</i> , <b>2018</b> , 15, 713-720	0.8	6
439	7. The use of the T3P $\square$ reagent in the synthesis of phosphinic and phosphonic derivatives <b>2018</b> , 148-157		2
438	An Overview of the Applications of Ionic Liquids as Catalysts and Additives in Organic Chemical Reactions. <i>Current Organic Chemistry</i> , <b>2018</b> , 22, 533-556	1.7	48
437	Synthetic and Mechanistic Study on the Microwave Assisted Fries Rearrangement of 1-Methylidene-3,4-dihydroisoquinoline-2(1H)-yl-methanones. <i>Current Organic Chemistry</i> , <b>2018</b> , 22, 912-922	1.7	2
436	Meet Our Editor-in-Chief. <i>Current Organic Chemistry</i> , <b>2018</b> , 22, 1861-1861	1.7	
435	Pd-Catalyzed microwave-assisted synthesis of phosphonated 13 $\beta$ -estrone as potential OATP2B1, 17 $\beta$ -HSD1 and/or STS inhibitors. <i>Beilstein Journal of Organic Chemistry</i> , <b>2018</b> , 14, 2838-2845	2.5	13

434	Perspectives in Green Chemistry [Microwave Irradiation as a Substitute for Catalysts; Case Studies from Organophosphorus Chemistry. <i>Current Green Chemistry</i> , <b>2018</b> , 5, 131-135	1.3	
433	Synthesis of Secondary Phosphine Oxides by Substitution at Phosphorus by Grignard Reagents. <i>Letters in Organic Chemistry</i> , <b>2018</b> , 15, 387-393	0.6	3
432	Green synthesis and cytotoxic activity of dibenzyl $\beta$ -hydroxyphosphonates and $\beta$ -hydroxyphosphonic acids. <i>Heteroatom Chemistry</i> , <b>2018</b> , 29, e21436	1.2	12
431	5. Synthesis of $\beta$ -hydroxyphosphonates, an important class of bioactive compounds <b>2018</b> , 91-107		2
430	10. Dronic acid derivatives [An important group of phosphorus-containing drugs <b>2018</b> , 199-213		
429	2. Methods for the preparation of phosphinates and phosphonates with a focus on recent advances <b>2018</b> , 35-52		5
428	3. The importance of organophosphorus compounds as biologically active agents <b>2018</b> , 53-65		8
427	Synthesis of Polyphosphoesters by Esterification or Transesterification Under Microwave Conditions. <i>Current Green Chemistry</i> , <b>2018</b> , 5, 185-190	1.3	1
426	Microwave-assisted alcoholysis of dialkyl H-phosphonates by diols and amino alcohols. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2017</b> , 192, 769-775	1	3
425	NMR and symmetry in bisphosphonates R <sub>1</sub> R <sub>2</sub> N-CH[P(O)(OMe) <sub>2</sub> ] <sub>2</sub> . <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2017</b> , 192, 643-650	1	
424	Revisiting the reaction of phosphole oxide dimers with borane-dimethylsulfide. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2017</b> , 192, 695-699	1	4
423	Synthesis of l-threitol-based crown ethers and their application as enantioselective phase transfer catalyst in Michael additions. <i>Chirality</i> , <b>2017</b> , 29, 257-272	2.1	13
422	Investigation of the effect of medium in the preparation of alendronate: till now the best synthesis in the presence of an ionic liquid additive. <i>Heteroatom Chemistry</i> , <b>2017</b> , 28, e21370	1.2	5
421	Advantages of the Microwave Tool in Organophosphorus Syntheses. <i>Synthesis</i> , <b>2017</b> , 49, 3069-3083	2.9	22
420	Recalling my memories with Professor Harry R. Hudson. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2017</b> , 192, 581-581	1	
419	Proton dissociation properties of arylphosphonates: Determination of accurate Hammett equation parameters. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 143, 101-109	3.5	7
418	A novel preparation of chlorophospholenium chlorides and their application in the synthesis of phospholene boranes. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 458-461	2	7
417	The Palladium Acetate-Catalyzed Microwave-Assisted Hirao Reaction without an Added Phosphorus Ligand as a "Green" Protocol: A Quantum Chemical Study on the Mechanism. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 4322-4331	5.6	29



416	A study on the acidic hydrolysis of cyclic phosphinates: 1-Alkoxy-3-phospholene 1-oxides, 1-ethoxy-3-methylphospholane 1-oxide, and 1-ethoxy-3-methyl-1,2,3,4,5,6-hexahydrophosphinine 1-oxide. <i>Heteroatom Chemistry</i> , <b>2017</b> , 28, e21394	1.2	13
415	A Comparative Study on the Thermal and Microwave-assisted Direct Esterification of Phenyl-H-phosphinic Acid - Modeling the Rate Enhancing Effect of MWs. <i>Current Physical Chemistry</i> , <b>2017</b> , 6, 307-311	0.5	4
414	A Theoretical Study on the Conformation of 5- and 6-Membered P-Heterocycles: 1- Substituted 2,3,4,5-Tetrahydro-1H-Phosphole 1-Oxides and 1,2,3,4,5,6-Hexahydrophosphinine 1-Oxides. <i>Current Organic Chemistry</i> , <b>2017</b> , 21,	1.7	1
413	A study on the deoxygenation of trialkyl-, dialkyl-phenyl- and alkyl-diphenyl phosphine oxides by hydrosilanes. <i>Heteroatom Chemistry</i> , <b>2017</b> , 28, e21376	1.2	7
412	Synthesis and utilization of optically active $\beta$ -aminophosphonate derivatives by Kabachnik-Fields reaction. <i>Tetrahedron</i> , <b>2017</b> , 73, 5659-5667	2.4	21
411	Green chemical syntheses and applications within organophosphorus chemistry. <i>Structural Chemistry</i> , <b>2017</b> , 28, 431-443	1.8	9
410	To date the greenest method for the preparation of $\beta$ -hydroxyphosphonates from substituted benzaldehydes and dialkyl phosphites. <i>Green Processing and Synthesis</i> , <b>2017</b> , 6,	3.9	7
409	4. Interpretation of the rate enhancing effect of microwaves <b>2017</b> , 53-64		8
408	The synthesis of $\beta$ -aryl- $\beta$ -aminophosphonates and $\beta$ -aryl- $\beta$ -aminophosphine oxides by the microwave-assisted Pudovik reaction. <i>Beilstein Journal of Organic Chemistry</i> , <b>2017</b> , 13, 76-86	2.5	28
407	The Reduction of Tertiary Phosphine Oxides by Silanes. <i>Current Organic Chemistry</i> , <b>2017</b> , 21, 569-585	1.7	33
406	The Role of Phosphorus Trichloride and Phosphorous Acid in the Formation of $\beta$ -Hydroxymethylenebisphosphonic Acids from the Corresponding Carboxylic Acids A Mechanistic Overview. <i>Current Organic Chemistry</i> , <b>2017</b> , 21,	1.7	4
405	Synthesis of $\beta$ -aminophosphonates from $\beta$ -hydroxyphosphonates; a theoretical study. <i>Heteroatom Chemistry</i> , <b>2016</b> , 27, 260-268	1.2	16
404	Preparation of P-heterocyclic phosphine boranes and optically active phosphine oxides via phosphonium salts. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2016</b> , 191, 1656-1657	1	2
403	Synthesis of alkyl $\beta$ -aminomethyl-phenylphosphinates and N,N-bis(alkoxyphenylphosphinylmethyl)amines by the microwave-assisted Kabachnik-Fields reaction. <i>Heteroatom Chemistry</i> , <b>2016</b> , 27, 323-335	1.2	11
402	The resolution and application of P-stereogenic phosphine oxides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2016</b> , 191, 1459-1461	1	2
401	Milestones in microwave-assisted organophosphorus chemistry. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2016</b> , 191, 1416-1420	1	3
400	New P-alkyl 7-phospanorbornenes; Synthesis, oxidation, fragmentation-related phosphorylation, and deoxygenation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2016</b> , 191, 1595-1596	1	0
399	Reduction of phosphine oxides under green chemical conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2016</b> , 191, 1597-1598	1	3



398	Computational study on the synthesis of 1-phenyl-3,4-dihydro- $\beta$ -carboline: T3P $\square$ -promoted one-pot formation from tryptamine vs. POCl <sub>3</sub> -mediated ring closure of Nb-benzoyltryptamine. The first DFT investigation of the Bischler-Napieralski reaction. <i>Computational and Theoretical Chemistry</i> , <b>2016</b> , 1097, 48-60	2	2
397	The synthesis of dronic acid derivatives in sulfolane or in the presence of ionic liquids as additives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2016</b> , 191, 1619-1620	1	
396	Syntheses and complexing ability of $\beta$ -gluco- and $\beta$ -xylofuranoside-based lariat ethers. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2016</b> , 85, 19-32	1.7	3
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387	The Synthesis of (Iodobenzyl)oxybenzaldehydes, Useful Intermediates for Biologically Active Targets. <i>Letters in Drug Design and Discovery</i> , <b>2016</b> , 14, 233-239	0.8	2
386	The Synthesis of 3-Phenylpropidronate Applying Phosphorus Trichloride and Phosphorous Acid in Methanesulfonic Acid. <i>Current Organic Chemistry</i> , <b>2016</b> , 20, 1745-1752	1.7	5
385	Synthesis of Ethyl Octyl $\beta$ Aminophosphonate Derivatives. <i>Current Organic Synthesis</i> , <b>2016</b> , 13, 638-645	1.9	19
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383	Efficient Synthesis of Pamidronic Acid Using an Ionic Liquid Additive. <i>Letters in Drug Design and Discovery</i> , <b>2016</b> , 13, 475-478	0.8	6
382	Synthesis of Hydroxymethylenebisphosphonic Acid Derivatives in Different Solvents. <i>Molecules</i> , <b>2016</b> , 21,	4.8	9
381	Synthesis, Characterization, and Application of Platinum(II) Complexes Incorporating Racemic and Optically Active 4-Chloro-5-Methyl-1-Phenyl-1,2,3,6-Tetrahydrophosphinine Ligand. <i>Heteroatom Chemistry</i> , <b>2016</b> , 27, 91-101	1.2	9

380	Milestones in microwave-assisted organophosphorus chemistry. <i>Pure and Applied Chemistry</i> , <b>2016</b> , 88, 931-939	2.1	9
379	Microwave-Assisted Syntheses in Organic Chemistry. <i>Springer Briefs in Molecular Science</i> , <b>2016</b> , 11-45	0.6	9
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144	Application of ionic liquids in palladium(II) catalyzed homogenous transfer hydrogenation. <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 6203-6204	2	24
143	Synthesis of d-mannose-based azacrown ethers and their application in enantioselective reactions. <i>Tetrahedron: Asymmetry</i> , <b>2005</b> , 16, 1861-1871		53
142	New P-ligands: The aromaticity and reactivity of 2,4,6-trialkylphenylphospholes. <i>Heteroatom Chemistry</i> , <b>2005</b> , 16, 104-110	1.2	15
141	2-Ethyl-2-phosphabicyclo[2.2.2]oct-7-ene derivatives: Synthesis and use in fragmentation-related phosphorylations. <i>Heteroatom Chemistry</i> , <b>2005</b> , 16, 196-199	1.2	9
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139	Synthesis of 2-phosphinoxidomethyl- and 2-phosphonomethyl glutaric acid derivatives. <i>Heteroatom Chemistry</i> , <b>2005</b> , 16, 562-565	1.2	23
138	A theoretical study on the conformation of 3-phosphinoxido- and 3-phosphono-1,2,3,4,5,6-hexahydrophosphinine 1-oxides. <i>Heteroatom Chemistry</i> , <b>2005</b> , 16, 520-524	1.2	8
137	BSHC (sopron) plenary lecture Exciting fields in P-heterocyclic chemistry. <i>Journal of Heterocyclic Chemistry</i> , <b>2005</b> , 42, 451-462	1.9	3
136	Rhodium(III) and palladium(II) complexes of some P-heterocycles; synthesis and X-ray structures. <i>Journal of Organometallic Chemistry</i> , <b>2005</b> , 690, 704-712	2.3	8
135	Diastereoselective Synthesis of 3-Phosphinoxido- and 3-Phosphono-1,2,3,4,5,6-Hexahydrophosphinine Oxides as Potential Precursors of Bidentate P-Ligands. <i>Letters in Organic Chemistry</i> , <b>2005</b> , 2, 608-612	0.6	21
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122	Carbonylation reactions catalysed by rhodium(III) and palladium(II) complexes containing novel phosphine ligands. <i>Comptes Rendus Chimie</i> , <b>2004</b> , 7, 779-784	2.7	10
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35	Photochemical fragmentation of the 2-phosphabicyclo[2.2.2]octa-5,7-diene ring system as a versatile method for generating 3-coordinate methylene phosphine oxides and sulfides. <i>Heteroatom Chemistry</i> , <b>1993</b> , 4, 189-196	1.2	33
34	P-Substituted 3-phosphabicyclo [3.1.0] hexane 3-oxides from diastereoselective substitution at phosphorus. <i>Heteroatom Chemistry</i> , <b>1993</b> , 4, 329-335	1.2	20
33	Generation of methylenephosphine oxides by thermal fragmentation of derivatives of the 2-phosphabicyclo [2.2.2] octa-5,7-diene oxide ring system. <i>Heteroatom Chemistry</i> , <b>1993</b> , 4, 559-563	1.2	16
32	FACILE SYNTHESIS OF 1,2,3,4,5,6-HEXAHYDROPHOSPHININE 1-OXIDES BY THE HYDROGENATION OF 1,2-DIHYDROPHOSPHININE 1-OXIDES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>1992</b> , 70, 219-227	1	11
31	Conformational studies of benzophosphabicyclooctenes. <i>Magnetic Resonance in Chemistry</i> , <b>1992</b> , 30, 449-454	2.1	
30	Diels-Alder adducts of 4-chloro-1,6-dihydrophosphinine derivatives: A new precursor of 2-phosphapropene. <i>Heteroatom Chemistry</i> , <b>1991</b> , 2, 283-295	1.2	25
29	THE FORMATION OF THE BENZO[f]-3-PHOSPHABICYCLO[3.3.0]OCT-6-ENE RING SYSTEM IN THE FRIEDEL-CRAFTS REACTION OF THE ADDUCTS OF 2,5-DIHYDRO-1H-PHOSPHOLE 1-OXIDES WITH DICHLOROCARBENE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>1991</b> , 63, 131-141	1	4
28	Synthesis of Organophosphorus Compounds Using Phase Transfer Catalysis. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>1990</b> , 49-50, 259-262	1	4
27	Convenient synthesis of 1-alkoxy-1,2-dihydrophosphinine 1-oxides by ring enlargement. <i>Heteroatom Chemistry</i> , <b>1990</b> , 1, 419-424	1.2	37
26	Ring Enlargement of Phospholenes to Phosphorin Derivatives Through Dichlorocarbene Adducts. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>1990</b> , 51, 274-274	1	0
25	The Effect of Silver Perchlorate of the Reaction of Trialkyl Phosphite with $\beta$ -Halogenoketones. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>1990</b> , 51, 231-231	1	2
24	The Formation of Phosphacycloheptatrienes in Ring Enlargement Reaction. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>1990</b> , 51, 273-273	1	0
23	THE STEREOCHEMISTRY OF THE DICHLOROCYCLOPROPANATION REACTION OF 2,5-DIHYDRO-LH-PHOSPHOLE1-OXIDES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>1990</b> , 54, 73-79	1	9
22	Formation of the 4-methylene-1,4-dihydrophosphinine ring system in the reaction of 2,5-dihydro-3,4-dimethyl-1H-phosphole 1-oxides with dichlorocarbene. <i>Journal of Organic Chemistry</i> , <b>1990</b> , 55, 6361-6362	4.2	23
21	The Structure and Spectroscopy of $\beta$ -Hydroxyphosphonates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>1990</b> , 51, 230-230	1	1

20	Synthesis of dihydrophosphorins by the thermal transformation of phosphole-dichlorocarbene adducts. <i>Journal of Organic Chemistry</i> , <b>1988</b> , 53, 4106-4108	4.2	36
19	Mechanism of the reaction of trialkyl phosphites with $\alpha$ -halogenoacetophenones in alcoholic solvents. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1988</b> , 127-132		6
18	ON THE REACTIVITY OF PHOSPHOLENE-DICHLOROCARBENE ADDUCTS: RING EXPANSION EFFECTED BY MERCURY ACETATE. <i>Phosphorous and Sulfur and the Related Elements</i> , <b>1988</b> , 36, 61-68		2
17	Products in the Reactions of Trialkyl Phosphites with $\alpha$ -Halogeno-acetophenones in Alcoholic Media. <i>Phosphorous and Sulfur and the Related Elements</i> , <b>1987</b> , 30, 736-736		1
16	Reaction of Trialkyl Phosphites with $\alpha$ -Unsaturated Carbonyl Compounds. <i>Phosphorous and Sulfur and the Related Elements</i> , <b>1987</b> , 30, 718-718		
15	FACTORS IN THE CONTROL OF PRODUCT COMPOSITION IN THE REACTIONS OF TRIALKYL PHOSPHITES WITH $\alpha$ -HALOGENOACETOPHENONES IN ALCOHOLIC MEDIA. <i>Phosphorous and Sulfur and the Related Elements</i> , <b>1987</b> , 29, 341-349		9
14	PHOSPHINIMINES DERIVED FROM PHOSPHOLE DIMERS BY THE STAUDINGER REACTION. <i>Phosphorous and Sulfur and the Related Elements</i> , <b>1987</b> , 31, 133-140		8
13	DIHALOCARBENE ADDITION TO ARYLSUBSTITUTED VINYL PHOSPHATES UNDER PHASE TRANSFER CATALYTIC CONDITIONS. <i>Phosphorous and Sulfur and the Related Elements</i> , <b>1987</b> , 33, 77-82		1
12	Ring expansion in the addition of dichlorocarbene to 2,5-dihydro-1H-phosphole 1-oxides. <i>Journal of Organic Chemistry</i> , <b>1987</b> , 52, 3983-3986	4.2	52
11	Synthesis of 1,2,5,6-tetrahydrophosphorin 1-oxides and 1,2-dihydrophosphorin 1-oxides from 2,5-dihydro-1H-phosphole 1-oxide-dichlorocarbene adducts. <i>Journal of Organic Chemistry</i> , <b>1987</b> , 52, 5721-5727	4.2	16
10	REACTION OF GRIGNARD REAGENTS WITH PHOSPHINOUS CHLORIDES HAVING THE ANTI-7-PHOSPHANORBORNENE FRAMEWORK. <i>Phosphorous and Sulfur and the Related Elements</i> , <b>1986</b> , 26, 129-137		8
9	Stereochemistry of the reaction of oxygen nucleophiles with a phosphinous chloride in the 7-phosphanorbornene series. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1986</b> , 1029		11
8	Newer developments in the green synthesis of tertiary phosphine oxides, phosphinates, phosphonates and their derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1-6		1
7	Microwave-assisted esterification of P-acids. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1-3		1
6	Hydrolysis and alcoholysis of phosphinates and phosphonates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1-3		1
5	Synthesis of Cyclic Phosphinates by Microwave-Assisted Ionic Liquid-Promoted Alcoholysis. <i>Synthesis</i> ,	2.9	3
4	The synthesis of hydroxymethylenebisphosphonic- (dronic-) and acyl-ethoxycarbonyl-methylphosphonate derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1-3		1
3	Ionic liquid-promoted synthesis of phosphinates and other derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1-3		1

- 2 Synthesis of novel  $\alpha$ -hydroxyphosphonates along with  $\alpha$ -aminophosphonates as intermediates. *Phosphorus, Sulfur and Silicon and the Related Elements*,1-4 1
- 1 Microwave assisted Pd coupling reactions without directly added P-ligands. *Phosphorus, Sulfur and Silicon and the Related Elements*,1-4 1