

Paul-Alain Jaffrs

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.

123
papers

3,446
citations

31
h-index

54
g-index

129
ext. papers

3,777
ext. citations

4.5
avg, IF

4.91
L-index

#	Paper	IF	Citations
123	Development of pyrene-based fluorescent ether lipid as inhibitor of SK3 ion channels. <i>European Journal of Medicinal Chemistry</i> , 2021 , 209, 112894	6.8	2
122	Thio-ether functionalized glycolipid amphiphilic compounds reveal a potent activator of SK3 channel with vasorelaxation effect. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 2753-2766	3.9	
121	Phosphonodithioester-amine coupling in water: a fast reaction to modify the surface of liposomes. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 6392-6396	3.9	1
120	M(HO)(POCHOH)I(HO) (M = Co, Mn, Zn, Cu): a new series of layered metallophosphonate compounds obtained from 6-hydroxy-2-naphthylphosphonic acid. <i>Dalton Transactions</i> , 2020 , 49, 3877-3891	4.3	1
119	Branched lipid chains to prepare cationic amphiphiles producing hexagonal aggregates: supramolecular behavior and application to gene delivery. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 337-345	3.9	5
118	Lipidic synthetic alkaloids as SK3 channel modulators. Synthesis and biological evaluation of 2-substituted tetrahydropyridine derivatives with potential anti-metastatic activity. <i>European Journal of Medicinal Chemistry</i> , 2020 , 186, 111854	6.8	6
117	Designing of a Magnetodielectric System in Hybrid Organic/Inorganic Framework, a Perovskite Layered Phosphonate MnO ₃ PC ₆ H ₄ -m-Br·H ₂ O. <i>Advanced Functional Materials</i> , 2019 , 29, 1901878	15.6	6
116	Lipid-Based Quaternary Ammonium Sphorolipid Amphiphiles with Antimicrobial and Transfection Activities. <i>ChemSusChem</i> , 2019 , 12, 3642-3653	8.3	11
115	Aerosol Delivery to the Airways Using Cationic Lipid Nanocomplexes in a Perspective of Cystic Fibrosis Treatment. <i>ACS Symposium Series</i> , 2019 , 35-58	0.4	
114	Substitution of unsaturated lipid chains by thioether-containing lipid chains in cationic amphiphiles: physicochemical consequences and application for gene delivery. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 3609-3616	3.9	6
113	Bis-Thioether-Containing Lipid Chains in Cationic Amphiphiles: Physicochemical Properties and Applications in Gene Delivery. <i>ChemPhysChem</i> , 2019 , 20, 2187-2194	3.2	4
112	Antibacterial and transfection activities of nebulized formulations incorporating long n-alkyl chain silver N-heterocyclic carbene complexes. <i>International Journal of Pharmaceutics</i> , 2019 , 567, 118500	6.5	10
111	Antibacterial effect and DNA delivery using a combination of an arsonium-containing lipophosphoramidate with an N-heterocyclic carbene-silver complex - Potential benefits for cystic fibrosis lung gene therapy. <i>International Journal of Pharmaceutics</i> , 2018 , 536, 29-41	6.5	8
110	Dendritic Cell Targeting mRNA Lipopolyplexes Combine Strong Antitumor T-Cell Immunity with Improved Inflammatory Safety. <i>ACS Nano</i> , 2018 , 12, 9815-9829	16.7	46
109	Synthesis of Alkyl-Glycerolipids Standards for Gas Chromatography Analysis: Application for Chimera and Shark Liver Oils. <i>Marine Drugs</i> , 2018 , 16,	6	3
108	Manganese Fluorene Phosphonates: Formation of Isolated Chains. <i>Inorganics</i> , 2018 , 6, 92	2.9	2
107	One-Dimensional Fluorene-Based Co(II) Phosphonate Co(H ₂ O) ₂ PO ₃ Ca ₁₂ H ₉ ·H ₂ O: Structure and Magnetism. <i>Inorganics</i> , 2018 , 6, 93	2.9	2

106	Incipient spin-dipole coupling in a 1D helical-chain metal-organic hybrid. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 10207-10210	7.1	3
105	Synthesis and Biological Evaluation of Bolaamphiphilic Sophorolipids. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 8992-9005	8.3	14
104	Excimer and Red Luminescence Due to Aggregation-Induced Emission in Naphthalene Based Zinc Phosphonate. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 3095-3103	2.3	9
103	Synthesis of Amino-lipophosphonates as cationic lipids or co-lipids for DNA transfection in dendritic cells. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 6869-6881	7.3	8
102	Fluorenyl Zinc Phosphonate $Zn(H_2O)PO_3 \cdot 13H_9 \cdot H_2O$: Hybrid Columnar Structure with Strong C-H...O Interactions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 250-255	1.3	4
101	Singular Interaction between an Antimetastatic Agent and the Lipid Bilayer: The Ohmline Case. <i>ACS Omega</i> , 2017 , 2, 6361-6370	3.9	10
100	Layered Simple Hydroxides Functionalized by Fluorene-Phosphonic Acids: Synthesis, Interface Theoretical Insights, and Magnetoelectric Effect. <i>Advanced Functional Materials</i> , 2017 , 27, 1703576	15.6	13
99	Phosphonic acid: preparation and applications. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 2186-2213	35	79
98	Hydrothermal synthesis for new multifunctional materials: A few examples of phosphates and phosphonate-based hybrid materials. <i>Journal of Solid State Chemistry</i> , 2016 , 236, 236-245	3.3	11
97	The Dimeric Pyramidal $Cu_2O_6(H_2O)_2$ Unit: A Structural Invariant of a Homologous Series of Copper-Layered Phosphonates. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 4643-4648	2.3	3
96	Rigid phosphonic acid for the construction of crystalline organic-inorganic hybrid materials. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 1482-1484	1	
95	Synthesis of a trimannosylated-equipped archaeal diether lipid for the development of novel glycoliposomes. <i>Carbohydrate Research</i> , 2016 , 435, 142-148	2.9	9
94	Topochemical Route from Supramolecular to Hybrid Materials: Tetraphenylmethane-Based Tectons and Lanthanum Phosphonate Derivative. <i>Crystal Growth and Design</i> , 2016 , 16, 6781-6789	3.5	14
93	Alkyl ether lipids, ion channels and lipid raft reorganization in cancer therapy. <i>Pharmacology & Therapeutics</i> , 2016 , 165, 114-31	13.9	47
92	Important role of phosphoramido linkage in imidazole-based dioleoyl helper lipids for liposome stability and primary cell transfection. <i>Journal of Gene Medicine</i> , 2016 , 18, 3-15	3.5	18
91	Lipophosphoramidate-based bipolar amphiphiles: their syntheses and transfection properties. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 2846-53	3.9	12
90	New Disaccharide-Based Ether Lipids as SK3 Ion Channel Inhibitors. <i>ChemMedChem</i> , 2016 , 11, 1531-9	3.7	13
89	Copper-Fluorene-phosphonate $Cu[(PO_3-C_{13}H_9)] \cdot H_2O$: A Layered Antiferromagnetic Hybrid. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 266-271	2.3	16

88	Triggering bilayer to inverted-hexagonal nanostructure formation by thiol-ene click chemistry on cationic lipids: consequences on gene transfection. <i>Soft Matter</i> , 2016 , 12, 4516-20	3.6	13
87	Efficient in vivo transfection and safety profile of a CpG-free and codon optimized luciferase plasmid using a cationic lipophosphoramidate in a multiple intravenous administration procedure. <i>Biomaterials</i> , 2015 , 59, 1-11	15.6	24
86	Enhanced Achilles tendon healing by fibromodulin gene transfer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 1735-44	6	39
85	Cationic lipophosphoramidates containing a hydroxylated polar headgroup for improving gene delivery. <i>Molecular Pharmaceutics</i> , 2015 , 12, 1902-10	5.6	18
84	Synthesis of lipid-based unsymmetrical O,O-dialkylphosphites. <i>Tetrahedron Letters</i> , 2015 , 56, 2345-2348	2	5
83	Biophysical properties of cationic lipophosphoramidates: Vesicle morphology, bilayer hydration and dynamics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 136, 192-200	6	1
82	Cationic dialkylarylphosphates: a new family of bio-inspired cationic lipids for gene delivery. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 1122-32	3.9	22
81	Rigid Phosphonic Acids as Building Blocks for Crystalline Hybrid Materials 2015 , 341-393		2
80	Synthetic vectors for gene delivery: An overview of their evolution depending on routes of administration. <i>Biotechnology Journal</i> , 2015 , 10, 1370-89	5.6	25
79	Evaluation of New Fluorescent Lipophosphoramidates for Gene Transfer and Biodistribution Studies after Systemic Administration. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 26055-76	6.3	3
78	Study of the Stability of O,O-Dialkyl-O-Arylthiophosphate: Evidence of the Formation of O,S-Dialkyl-O-Arylphosphate. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015 , 190, 747-750 [†]		
77	Silver-based hybrid materials from meta- or para-phosphonobenzoic acid: influence of the topology on silver release in water. <i>Inorganic Chemistry</i> , 2015 , 54, 2152-9	5.1	38
76	Influence of the Lipid Domain on the Supramolecular Assemblies of Cationic Lipids. Characterization by Solid-State ³¹ P and ² H NMR Spectroscopy. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015 , 190, 896-898	1	
75	Synthetic Phospholipids for pDNA Delivery and Antibacterial Action. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015 , 190, 754-757	1	
74	Cationic lipophosphoramidates with two different lipid chains: synthesis and evaluation as gene carriers. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 1463-74	3.9	26
73	Lipopolyplexes comprising imidazole/imidazolium lipophosphoramidate, histidinylated polyethyleneimine and siRNA as efficient formulation for siRNA transfection. <i>International Journal of Pharmaceutics</i> , 2014 , 460, 264-72	6.5	41
72	Effects of a novel archaeal tetraether-based colipid on the in vivo gene transfer activity of two cationic amphiphiles. <i>Molecular Pharmaceutics</i> , 2014 , 11, 2973-88	5.6	16
71	Functionalized Phospholipid Molecular Platform: Use for Production of Cationic Fluorescent Lipids. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 1076-1083	3.2	8

70	Atherton-Todd reaction: mechanism, scope and applications. <i>Beilstein Journal of Organic Chemistry</i> , 2014 , 10, 1166-96	2.5	114
69	Cationic Trialkylphosphates: Synthesis and Transfection Efficacies Compared to Phosphoramidate Analogues. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 8041-8048	3.2	13
68	Silver-Phosphonate Based Metal Organic Frameworks: Synthesis and Antibacterial Action. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013 , 188, 76-78	1	9
67	Trimethylarsonium-Based Cationic Phospholipids for Gene Delivery. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013 , 188, 91-94	1	
66	Physicochemical properties of cationic lipophosphoramidates with an arsonium head group and various lipid chains: A structure-activity approach. <i>Biophysical Chemistry</i> , 2013 , 171, 46-53	3.5	8
65	DiGalactosyl-Glycero-Ether Lipid: synthetic approaches and evaluation as SK3 channel inhibitor. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 4479-87	3.9	17
64	Cationic lipophosphoramidates with two disulfide motifs: synthesis, behaviour in reductive media and gene transfection activity. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 1650-8	3.9	31
63	Pivotal role of the lipid Raft SK3-Orai1 complex in human cancer cell migration and bone metastases. <i>Cancer Research</i> , 2013 , 73, 4852-61	10.1	133
62	Arsonium-containing lipophosphoramides, poly-functional nano-carriers for simultaneous antibacterial action and eukaryotic cell transfection. <i>Advanced Healthcare Materials</i> , 2013 , 2, 1513-24	10.1	28
61	Gene transfer by histidylated lipopolyplexes: A dehydration method allowing preservation of their physicochemical parameters and transfection efficiency. <i>International Journal of Pharmaceutics</i> , 2012 , 423, 144-50	6.5	17
60	Gene transfer by chemical vectors, and endocytosis routes of polyplexes, lipoplexes and lipopolyplexes in a myoblast cell line. <i>Biomaterials</i> , 2012 , 33, 2980-90	15.6	86
59	The gene transfection properties of a lipophosphoramidate derivative with two phytanyl chains. <i>Biomaterials</i> , 2012 , 33, 6240-53	15.6	38
58	Lipothiophosphoramidates for gene delivery: critical role of the cationic polar headgroup. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 2051-8	3.9	20
57	Structural study of hydrated/dehydrated manganese thiophene-2,5-diphosphonate metal organic frameworks, $Mn_2(O_3P-C_4H_2S-PO_3)_2 \cdot 2H_2O$. <i>Inorganic Chemistry</i> , 2012 , 51, 10251-61	5.1	31
56	Lipophosphonate/lipophosphoramidates: a family of synthetic vectors efficient for gene delivery. <i>Biochimie</i> , 2012 , 94, 33-41	4.6	44
55	Synthesis of lipophosphoramidyl-cyclodextrins and their supramolecular properties. <i>Biochimie</i> , 2012 , 94, 66-74	4.6	18
54	Glyco-Phospho-Glycero Ether Lipids (GPGEL): synthesis and evaluation as small conductance Ca^{2+} -activated K^+ channel (SK3) inhibitors. <i>MedChemComm</i> , 2012 , 3, 1471	5	12
53	Copper(II) n-Alkylphosphonates Used as Nanofillers: Single Crystal, Powder Structure Studies and Influence of the Alkyl Chain Length on the Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2193-2202	2.3	10

52	Cationic lipo-thiophosphoramidates for gene delivery: synthesis, physico-chemical characterization and gene transfection activity--comparison with lipo-phosphoramidates. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 2422-32	3.9	30
51	Selective gene delivery in dendritic cells with mannosylated and histidylated lipopolyplexes. <i>Journal of Drug Targeting</i> , 2011 , 19, 315-25	5.4	49
50	Enhancement of dendritic cells transfection in vivo and of vaccination against B16F10 melanoma with mannosylated histidylated lipopolyplexes loaded with tumor antigen messenger RNA. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011 , 7, 445-53	6	161
49	Modular Construction of Fluorescent Lipophosphoramidates by Click Chemistry. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 6294-6303	3.2	26
48	A silver-based metal-organic framework material as a reservoir of bactericidal metal ions. <i>New Journal of Chemistry</i> , 2011 , 35, 1000	3.6	124
47	Synthesis of Aryl-Thiophosphonates via A [1,2] or [1,3] Phospho-Fries Rearrangement. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011 , 186, 790-791	1	2
46	New Lipo-Phosphoramidates for Gene Delivery. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011 , 186, 918-920	1	2
45	Rigid Aryl-Phosphonic Acids: Building Blocks for Hybrid Materials. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011 , 186, 906-907	1	
44	A novel cationic lipophosphoramidate with diunsaturated lipid chains: synthesis, physicochemical properties, and transfection activities. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 1496-508	8.3	64
43	An unexpected base-induced [1,4]-phospho-Fries rearrangement. <i>Dalton Transactions</i> , 2010 , 39, 11314-64.3	9	
42	Construction of a monoanionic S,N,S-pincer ligand with a pyrrole core by sequential [1,2] phospho-Fries rearrangement. Characterization of palladium and silver coordination complexes. <i>Dalton Transactions</i> , 2010 , 39, 2942-6	4.3	16
41	Highly efficient gene transfer into hepatocyte-like HepaRG cells: new means for drug metabolism and toxicity studies. <i>Biotechnology Journal</i> , 2010 , 5, 314-20	5.6	39
40	The dimeric unit [La(H ₂ O) ₄ (m-PO ₃ C ₆ H ₄ COOH)(m-PO ₂ (OH)C ₆ H ₄ COOH)(m-PO(OH) ₂ C ₆ H ₄ COOH)] ₂ as building block of layered hybrid material. <i>Solid State Sciences</i> , 2009 , 11, 812-817	3.4	12
39	Lead(II) Hybrid Materials from 3- or 4-Phosphonobenzoic Acid. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 4870-4876	2.3	22
38	Chemical vectors for gene delivery: a current review on polymers, peptides and lipids containing histidine or imidazole as nucleic acids carriers. <i>British Journal of Pharmacology</i> , 2009 , 157, 166-78	8.6	449
37	Application of a base-induced [1,2]-rearrangement to synthesize thiophosphonate bidentate S(sp ²)-monoanionic ligand: Characterization of its silver and palladium complexes. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 4001-4007	2.3	13
36	3,5-Diphosphonobenzoic Acid, a New Rigid Heterotrifunctional Building Block to Design Metal Organic Frameworks. Illustration with the Characterization of Cu ₅ [(O ₃ P) ₂ -C ₆ H ₃ -CO ₂] ₂ (H ₂ O) ₆ . <i>Crystal Growth and Design</i> , 2009 , 9, 4262-4268	3.5	20
35	Synthesis of Phosphorus-Containing Chitosan Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009 , 184, 872-889	1	14

34	Remarkable thermal stability of Eu(4-phosphonobenzoate): structure investigations and luminescence properties. <i>Dalton Transactions</i> , 2009 , 10614-20	4.3	39
33	m-phosphonobenzoic acid and copper(II) as precursors of helical chain and lamellar hybrid materials. <i>CrystEngComm</i> , 2009 , 11, 556	3.3	37
32	Novel neutral imidazole-lipophosphoramides for transfection assays. <i>Chemical Communications</i> , 2008 , 3124-6	5.8	54
31	An efficient and straightforward access to sulfur substituted [2.2]paracyclophanes: application to stereoselective sulfenate salt alkylation. <i>Organic Letters</i> , 2008 , 10, 1271-4	6.2	28
30	Polyethylene nanocomposites based on intercalation of N-alkyl amines within KTiNbO5 structure. <i>Polymer</i> , 2008 , 49, 488-496	3.9	18
29	Fluorescence study of lipid-based DNA carriers properties: influence of cationic lipid chemical structure. <i>Journal of Fluorescence</i> , 2008 , 18, 835-41	2.4	8
28	Synthesis and transfection activity of new cationic phosphoramidate lipids: high efficiency of an imidazolium derivative. <i>ChemBioChem</i> , 2008 , 9, 1462-71	3.8	79
27	Synthesis, Crystal Structure and Thermal Properties of Phosphorylated Cyclotriphosphazenes. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 138-143	2.3	39
26	meta-Phosphonobenzoic Acid: A Rigid Heterobifunctional Precursor for the Design of Hybrid Materials. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 4117-4125	2.3	31
25	(N,N) vs. (N,S) chelation of palladium in asymmetric allylic substitution using bis(thiazoline) ligands: A theoretical and experimental study. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 2499-2508	2.3	20
24	Synthesis of functionalized alkoxyalkylidene gem-bisphosphonates. <i>Tetrahedron</i> , 2008 , 64, 6537-6543	2.4	12
23	Progress in cationic lipid-mediated gene transfection: a series of bio-inspired lipids as an example. <i>Current Gene Therapy</i> , 2008 , 8, 296-312	4.3	130
22	Lipophosphoramidates as lipidic part of lipospermines for gene delivery. <i>Bioconjugate Chemistry</i> , 2007 , 18, 1575-82	6.3	36
21	A Supramolecular Ladderlike Structure Formed by the Auto-Assembly of Benzene-1,3,5-triphosphonic Acid. <i>Crystal Growth and Design</i> , 2007 , 7, 208-211	3.5	36
20	Alkyne-Mono- and Diphosphonates Synthesis and Sonogashira Cross-Coupling Reaction with Aryl Halides. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 1274-1286	3.2	8
19	Synthesis of triazolyl-alkylphosphonate starting from azidoalkylphosphonates or alkynylphosphonates. <i>Tetrahedron</i> , 2007 , 63, 9677-9684	2.4	17
18	Dicationic lipophosphoramidates as DNA carriers. <i>Bioconjugate Chemistry</i> , 2007 , 18, 1604-11	6.3	47
17	Design of sulfides with a locked conformation as promoters of catalytic and asymmetric sulfonium ylide epoxidation. <i>Journal of Organic Chemistry</i> , 2005 , 70, 4166-9	4.2	75

16	Michael addition of phosphorus derivatives on tetraethyl ethylidenediphosphonate. <i>Tetrahedron</i> , 2005 , 61, 6602-6609	2.4	7
15	One pot diastereoselective synthesis of new chiral spiro-1,3,4-thiadiazoles and 1,4,2-oxathiazoles from (1R)-thiocamphor. <i>Journal of Heterocyclic Chemistry</i> , 2004 , 41, 731-735	1.9	24
14	Assembly of benzene-1,3,5-tris(methylenephosphonic acid) and guanidinium salt: Single crystal-X-ray characterisation and ³¹ P solid state NMR investigations. <i>New Journal of Chemistry</i> , 2004 , 28, 1244-1249	3.6	13
13	Palladium complex immobilised on zirconium-phosphite: characterisation by ³¹ P MAS NMR and TEM and behaviour towards reducing agents. <i>Journal of Molecular Structure</i> , 2003 , 659, 135-142	3.4	5
12	Synthesis of aldehyde functionalised polyhedral oligomeric silsesquioxanes. <i>Dalton Transactions RSC</i> , 2001 , 1123-1127		28
11	Synthesis of Substituted Butenolides. An Undergraduate Organic Laboratory Experiment Utilizing Two 3-Step Preparatory Sequences. <i>Journal of Chemical Education</i> , 2001 , 78, 654	2.4	11
10	A one step process for grafting organic pendants on alumina via the reaction of alumina and phosphonate under microwave irradiation. <i>Chemical Communications</i> , 2001 , 2060-1	5.8	22
9	Potassium exchanged zirconium hydrogen phosphate Zr(O ₃ POK) ₂ : a heterogeneous basic catalyst for Knoevenagel reaction without solvent. <i>Green Chemistry</i> , 2001 , 3, 52-56	10	40
8	A direct access to layered zirconium-phosphonate materials from dialkylphosphonates. <i>Chemical Communications</i> , 1999 , 1997-1998	5.8	21
7	A direct and new convenient oxidation: Synthesis of substituted arylphosphonates from aromatics. <i>Tetrahedron</i> , 1998 , 54, 10111-10118	2.4	18
6	RAPID AND EFFICIENT ARBUZOV REACTION UNDER MICROWAVE IRRADIATION. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1998 , 133, 209-213	1	39
5	Phosphonation of 1,1'-binaphthalene-2,2'-diol (BINOL): synthesis of (R)- and (S)-2,2'-dihydroxy-1,1'-binaphthalene-6,6'-diylidiphosphonic acid. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998 , 2083-2090		24
4	RAPID AND EFFICIENT PHOSPHONATION OF ARYL HALIDES CATALYSED BY PALLADIUM UNDER MICROWAVES IRRADIATION. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1997 , 130, 59-63	1	38
3	An abnormal reaction of esters of 3-hydroxy-3-methylbutan-2-one. A rapid synthesis of bullatenone and geiparvarin. <i>Tetrahedron Letters</i> , 1997 , 38, 537-538	2	19
2	Palladium complexes supported on hybrid organic-inorganic zirconium phosphite: selectivity in the Heck reaction. <i>Tetrahedron Letters</i> , 1997 , 38, 6581-6584	2	38
1	Phosphonodithioformate-amine coupling reaction: from basic discovery to application for the functionalization of liposomes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1-6	1	