

# Nader Ghaffari Khaligh

## List of Publications by Year in descending order

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132  
papers

1,885  
citations

236833

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377752

34  
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141  
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141  
docs citations

141  
times ranked

1272  
citing authors

#	ARTICLE	IF	CITATIONS
1	Green and Solid-Phase Synthesis of New Dihydro-[1,2,4]Triazolo[1,5- <i>a</i> ]Pyrimidine Scaffolds by Using Poly-Melamine-Formaldehyde as a Nitrogen-Rich Porous Organocatalyst. Polycyclic Aromatic Compounds, 2022, 42, 942-950.	1.4	6
2	A novel sublimable organic salt: Synthesis, characterization, thermal behavior, and catalytic activity for the synthesis of arylidene, heteroarylidene, and alkylidene malonates. Research on Chemical Intermediates, 2022, 48, 361-377.	1.3	4
3	3,4-Dichloro-1,2,5-thiadiazole: a commercially available electrophilic sulfur transfer agent and safe resource of ethanedinitrile. Journal of Sulfur Chemistry, 2022, 43, 169-179.	1.0	7
4	Metal-free and green synthesis of a series of new bis(2-alkylsulfanyl-[1,3,4]thiadiazolyl)-5,5- $\alpha$ -disulfides and 2,2-Dibenzothiazyl disulfide via oxidative self-coupling using hydrogen peroxide. Polyhedron, 2022, 213, 115610.	1.0	4
5	Influence of Nanovesicle Type, Nanoliposome and Nanoniosome, on Antioxidant and Antimicrobial Activities of Encapsulated Myrtle Extract: A Comparative Study. Food and Bioprocess Technology, 2022, 15, 144-164.	2.6	9
6	4-(Dimethylamino)pyridinium chlorosulfonate: A new ionic liquid exhibiting chlorosulfonic acid action as monoprotic Brønsted acid and no sulfonating reagent. Journal of Molecular Liquids, 2022, 345, 118261.	2.3	0
7	The liquid phase of 4,4'-trimethylenedipiperidine: a safe and greener dual-task agent for clean and facile synthesis of coumarin derivatives. Molecular Diversity, 2022, 26, 3047-3055.	2.1	5
8	Ashless and non-corrosive disulfide compounds as excellent extreme pressure additives in naphthenic oil. Journal of Molecular Liquids, 2022, 351, 118553.	2.3	8
9	An overview of metal-free sustainable nitrogen-based catalytic Knoevenagel condensation reaction. Organic and Biomolecular Chemistry, 2022, 20, 2164-2186.	1.5	20
10	4,4'-Trimethylenedipiperidine, a safe and greener alternative for piperidine, catalyzed the synthesis of N-methyl imines. Research on Chemical Intermediates, 2022, 48, 2035-2045.	1.3	2
11	Meet the Section Editor. Mini-Reviews in Organic Chemistry, 2022, 19, 545-545.	0.6	0
12	Influence of tween nature and type on physicochemical properties and stability of spearmint essential oil ( <i>Mentha spicata</i> L.) stabilized with basil seed mucilage nanoemulsion. Journal of Molecular Liquids, 2022, 359, 119379.	2.3	14
13	One-Pot Synthesis of Coumarins Using 1-Butylenebis(3-sulfo-3H-imidazol-1-ium) Chloride as an Efficient Task-Specific Ionic Liquid. Polycyclic Aromatic Compounds, 2021, 41, 1712-1721.	1.4	5
14	Application of nitrogen-rich porous organic polymer for the solid-phase synthesis of 2-amino-4H-benzo[b]pyran scaffolds using ball milling process. Molecular Diversity, 2021, 25, 323-332.	2.1	14
15	Solar energy and $\text{TiO}_2$ nanotubes: Biodiesel production from waste cooking olive oil. Environmental Progress and Sustainable Energy, 2021, 40, e13537.	1.3	9
16	Practical and efficient recyclable oxidative system for the preparation of symmetrical disulfides under aerobic conditions. Journal of Sulfur Chemistry, 2021, 42, 281-294.	1.0	10
17	Preparation and characterization of the encapsulated myrtle extract nanoliposome and nanoniosome without using cholesterol and toxic organic solvents: A comparative study. Food Chemistry, 2021, 342, 128342.	4.2	22
18	Synthesis, Characterisation, and Determination of Physical Properties of New Two-Protonic Acid Ionic Liquid and its Catalytic Application in the Esterification. Australian Journal of Chemistry, 2021, 74, 165.	0.5	4

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19	Synthesis and characterization of a new acid molten salt and the study of its thermal behavior and catalytic activity in Fischer esterification. <i>New Journal of Chemistry</i> , 2021, 45, 7081-7088.	1.4	8
20	4,4- <sup>TM</sup> -trimethylenedipiperidine as a nitrogen heterocycle solvent and/or catalyst: Liquid phase tandem Knoevenagel-Michael condensation. <i>Turkish Journal of Chemistry</i> , 2021, 45, 261-268.	0.5	8
21	Solid-phase synthesis of arylidene and alkylidene malonates, as versatile intermediates, catalyzed using mesoporous poly-melamine-formaldehyde as a nitrogen-rich porous organic polymer (POP). <i>Research on Chemical Intermediates</i> , 2021, 47, 3529-3536.	1.3	3
22	Carbon Nanomaterials for Wastewater Treatment. <i>ChemBioEng Reviews</i> , 2021, 8, 463-489.	2.6	22
23	Surface modification of Carbon-Based Nanoadsorbents for the Advanced Wastewater Treatment. <i>Journal of Molecular Structure</i> , 2021, 1235, 130148.	1.8	43
24	An Overview of Recent Advances in the Synthesis of Organic Unsymmetrical Disulfides. <i>Helvetica Chimica Acta</i> , 2021, 104, e2100053.	1.0	17
25	Synthesis, structure elucidation, vibrational and thermal behavior study of new one-core dication molten-salt. <i>Journal of Molecular Structure</i> , 2021, 1235, 130134.	1.8	2
26	Synthesis, characterization, and a study of the influence of [HSO <sub>4</sub> ] <sup>-</sup> and [SO <sub>4</sub> ] <sup>2-</sup> on thermal phase transition and thermal stability of two new organic acid salts containing dication cyclic amine. <i>Journal of Molecular Liquids</i> , 2021, 336, 116856.	2.3	9
27	Synthesis and characterization of two new molten acid salts: Safe and greener alternatives to sulfuric acid for the hydrolytic conversion of 1,1,1,3-tetrachloro-3-phenylpropane to cinnamic acid. <i>Journal of Molecular Structure</i> , 2021, 1245, 130977.	1.8	4
28	Synthesis of Tetrahydrotriazoloacridine Derivatives Using an Efficient and Reusable Poly-Organocatalyst. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 304-312.	1.4	0
29	Synthesis of Quinoline Derivatives via the FriedlÄnder Annulation Using a Sulfonic Acid Functionalized Liquid Acid as Dual Solvent-Catalyst. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 1223-1237.	1.4	9
30	4,4- <sup>E2</sup> -Trimethylenedipiperidine (TMDP): An Efficient Organocatalyst for the Mechanochemistry of Pyrano[4,3- <i>b</i> ]pyrans under Solid-state Conditions. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 1606-1615.	1.4	16
31	Novel zwitterionic and ionic structures of imidazolium propane sulfonate salts on basis of NMR analysis. <i>Journal of Molecular Structure</i> , 2020, 1202, 127335.	1.8	2
32	Design, synthesis, characterization, and physical property determination of a new ionic liquid: the preparation of triazolo-pyrimidines at room temperature under metal-free conditions. <i>Research on Chemical Intermediates</i> , 2020, 46, 4645-4658.	1.3	5
33	Greener and facile synthesis of 4,4- <sup>E2</sup> -(arylmethylene)bis(3-methyl-1-phenyl-1H-pyrazol-5-ol)s through a conventional heating procedure. <i>Synthetic Communications</i> , 2020, 50, 3276-3286.	1.1	10
34	Facile and green synthesis of a series of dihydro-[1,2,4]triazolo[1,5- <i>a</i> ]pyrimidine scaffolds. <i>Canadian Journal of Chemistry</i> , 2020, 98, 630-634.	0.6	2
35	Arene diazonium saccharin intermediates: a greener and cost-effective alternative method for the preparation of aryl iodide. <i>Turkish Journal of Chemistry</i> , 2020, 44, 535-542.	0.5	1
36	Greener and practical synthesis of 4,4- <sup>E2</sup> -(arylmethylene)bis(3-methyl-1-phenyl-1H-pyrazol-5-ol)s through a conventional heating and a mechanochemical procedure. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 4036-4043.	1.4	3

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37	1 <i>H</i> ,4 <i>H</i> -Piperazine-dium Dichlorosulfonate: Structure Elucidation and its Dual Solventâ€Catalyst Activity for the Synthesis of New Dihydro-[1,2,4]triazolo[1,5- <i>a</i> ]pyrimidine Scaffolds. Australian Journal of Chemistry, 2020, 73, 1118.	0.5	7
38	Catalytic Application of 1,4-Piperazinediethanesulfonic Acid (PIPES) for the One-pot Multicomponent Synthesis of Pyrano[4,3- <i>b</i> ]pyrans. Organic Preparations and Procedures International, 2020, 52, 368-373.	0.6	3
39	The structure elucidation of new ionic liquid and its application for the synthesis of a series of novel triazolo[1,5- <i>a</i> ]pyrimidine scaffolds. Journal of Molecular Structure, 2020, 1219, 128592.	1.8	10
40	The structure elucidation of new mono-core dicationic salt-containing chlorosulfonate counterion: Raman study of a pure sample of chlorosulfonate anion in the solid and liquid state. Journal of Molecular Structure, 2020, 1216, 128182.	1.8	4
41	Recent Advances and Applications of tert-Butyl Nitrite (TBN) in Organic Synthesis. Mini-Reviews in Organic Chemistry, 2020, 17, 3-25.	0.6	20
42	Synthesis of a series of novel dihydro-[1,2,4]triazolo [1,5- <i>a</i> ]pyrimidine scaffolds: Dual solvent-catalyst activity of a low viscous and acid-functionalized ionic liquid. Synthetic Communications, 2020, 50, 1633-1640.	1.1	9
43	Recent Catalytic Advances in the Synthesis of Organic Symmetric Disulfides. Current Organic Chemistry, 2020, 24, 550-581.	0.9	14
44	Recent Advances in Water Treatment Using Graphene-based Materials. Mini-Reviews in Organic Chemistry, 2020, 17, 74-90.	0.6	6
45	Recent Advances in the Nano-Catalytic Knoevenagel Condensation. Mini-Reviews in Organic Chemistry, 2020, 17, 828-842.	0.6	9
46	A Green Alternative for Aryl Iodide Preparation from Aromatic Amines. Current Organic Synthesis, 2020, 17, 131-135.	0.7	0
47	New protocols for the synthesis of 5-amino-7-(4-phenyl)-4,7-dihydro-[1,2,4]triazolo[1,5- <i>a</i> ]pyrimidine-6-carboxylate esters using an efficient additive. Turkish Journal of Chemistry, 2020, 44, 1100-1109.	0.5	1
48	An Overview of Recent Advances in Biological and Pharmaceutical Developments of Fluoro-containing Drugs. Current Organic Chemistry, 2020, 23, 2916-2944.	0.9	2
49	Green one-pot multicomponent synthesis of pyrrolidinones using planetary ball milling process under solvent-free conditions. Synthetic Communications, 2019, 49, 1334-1342.	1.1	13
50	An alternative, practical, and ecological protocol for synthesis of arylidene analogues of Meldrumâ€™s acid as useful intermediates. Research on Chemical Intermediates, 2019, 45, 3291-3300.	1.3	18
51	1,1â€²-Butylenebis(3-sulfo-3 <i>H</i> -imidazol-1-ium) hydrogensulfate: a versatile task-specific ionic liquid catalyst for the synthesis of 4 <i>H</i> -pyran scaffolds through non-conventional process. Monatshefte für Chemie, 2019, 150, 655-662.	0.9	6
52	Microwave-assisted synthesis of pyrrolidinone derivatives using 1,1â€²-butylenebis(3-sulfo-3 <i>H</i> -imidazol-1-ium) chloride in ethylene glycol. Green Processing and Synthesis, 2019, 8, 373-381.	1.3	3
53	Mechanosynthesis of. Australian Journal of Chemistry, 2019, 72, 194-199.	0.5	13
54	Synthesis of new low-viscous sulfonic acid-functionalized ionic liquid and its application as a Brønsted liquid acid catalyst for the one-pot mechanosynthesis of 4 <i>H</i> -pyrans through the ball milling process. Journal of Molecular Liquids, 2019, 277, 794-804.	2.3	43

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55	4-Imidazol-1-yl-butane-1-sulfonic acid or a novel liquid salt? The NMR analysis and dual solvent-catalytic efficiency for one-pot synthesis of xanthenes. <i>Journal of Molecular Liquids</i> , 2019, 278, 19-32.	2.3	6
56	Identification of novel chemical structures of sulfo-imidazolium zwitterionic-type salt basis on 2D NMR analysis. <i>Journal of Molecular Structure</i> , 2019, 1180, 280-284.	1.8	5
57	4-Imidazol-1-yl-butane-1-sulfonic acid ionic liquid: Synthesis, structural analysis, physical properties and catalytic application as dual solvent-catalyst. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 866-878.	0.8	7
58	Saccharin: a cheap and mild acidic agent for the synthesis of azo dyes via telescoped dediazotization. <i>Green Processing and Synthesis</i> , 2019, 8, 24-29.	1.3	4
59	Telescopic Synthesis of Azo Compounds via Stable Arenediazonium Tosylates by Using <i>n</i> -Butyl Nitrite as Diazotization Reagent. <i>Polycyclic Aromatic Compounds</i> , 2019, 39, 346-352.	1.4	2
60	Nanocatalysis and their Application in Water and Wastewater Treatment. , 2019, , 167-223.		1
61	Poly(vinyl pyridine): A Versatile Polymer in Catalysis. <i>Current Organic Chemistry</i> , 2019, 23, 439-479.	0.9	3
62	Saccharin: an efficient organocatalyst for the one-pot synthesis of 4-amidocinnolines under metal and halogen-free conditions. <i>Monatshefte für Chemie</i> , 2018, 149, 1083-1087.	0.9	8
63	Synthesis and characterization of novel binuclear task-specific ionic liquid: an efficient and sustainable sulfonic-functionalized ionic liquid for one-pot synthesis of xanthenes. <i>Research on Chemical Intermediates</i> , 2018, 44, 4045-4062.	1.3	11
64	Application of TiO <sub>2</sub> nanoparticles for eco-friendly biodiesel production from waste olive oil. <i>International Journal of Green Energy</i> , 2018, 15, 69-75.	2.1	27
65	Two novel binuclear sulfonic-functionalized ionic liquids: Influence of anion and carbon-spacer on catalytic efficiency for one-pot synthesis of bis(indolyl)methanes. <i>Journal of Molecular Liquids</i> , 2018, 259, 260-273.	2.3	28
66	One-Pot Multicomponent Synthesis of Pyrazolo[3,4- <i>d</i> ]pyrimidine-6-one Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2018, 38, 189-198.	1.4	6
67	Synthesis and characterization of some novel 4-aryl glyoxal-chromene derivatives in the presence of a polymeric catalyst and biological evaluation against <i>Escherichia coli</i> . <i>Monatshefte für Chemie</i> , 2018, 149, 33-38.	0.9	12
68	The recent catalytic role of poly(vinyl pyridine) and its derivatives in organic reactions. <i>Mini-Reviews in Organic Chemistry</i> , 2018, 15, .	0.6	0
69	Efficient chemical fixation of CO <sub>2</sub> into cyclic carbonates using poly(4-vinylpyridine) supported iodine as an eco-friendly and reusable heterogeneous catalyst. <i>Heteroatom Chemistry</i> , 2018, 29, .	0.4	7
70	Recent Application of the Various Nanomaterials and Nanocatalysts for the Heavy Metals™ Removal from Wastewater. <i>Nano</i> , 2018, 13, 1830006.	0.5	15
71	Saccharin and <i>tert</i> -Butyl Nitrite: Cheap and Efficient Reagents for the Synthesis of 1,2,3-Benzotriazine-4-(3H)-ones from 2-Aminobenzamides under Metal-Free Conditions. <i>Australian Journal of Chemistry</i> , 2018, 71, 186.	0.5	9
72	A facile and sustainable protocol to the preparation of aryl iodides using stable arenediazonium bis(trifluoromethylsulfonyl)imide salts via the telescopic process. <i>Heteroatom Chemistry</i> , 2018, 29, .	0.4	3

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73	An Efficient Synthesis of Pyrrolidinone Derivatives in the Presence of 1,1â€²-Butylenebis(3-sulfo-3H-imidazol-1-ium) Chloride. Australian Journal of Chemistry, 2018, 71, 566.	0.5	8
74	Recently Applications of tert-butyl Nitrite in Organic Synthesis-Part I. Current Organic Chemistry, 2018, 22, 1120-1138.	0.9	11
75	GCâ€‘MS study of thermochemical conversion of guaifenesin in the presence of 1-butyl-3-methylimidazolium-based ionic liquids. Research on Chemical Intermediates, 2017, 43, 4007-4021.	1.3	3
76	Microwave-assisted degradation of guaifenesin (GGE) to produce novel compounds in the presence of imidazolium-based ionic liquids. Journal of Thermal Analysis and Calorimetry, 2017, 130, 1513-1529.	2.0	1
77	TiO <sub>2</sub> nanotubes catalyzed the synthesis of azo-linked xanthenes under ultrasonic conditions. Inorganic and Nano-Metal Chemistry, 2017, 47, 1057-1063.	0.9	1
78	Telescopic synthesis of azo compounds via stable arenediazonium bis(trifluoromethane)sulfonimide salts by using tert -butyl nitrite. Dyes and Pigments, 2017, 139, 556-560.	2.0	17
79	Synthesis of Tetrahydrotriazoloacridines: A Synergistic Effect of Microwave Irradiation and BrÃ¶nsted Acidic Ionic Liquids. Journal of Heterocyclic Chemistry, 2017, 54, 3350-3357.	1.4	7
80	TiO <sub>2</sub> nanotubes and sonication: Synthesis of azo-linked xanthenes. Inorganic and Nano-Metal Chemistry, 2017, 47, 1468-1474.	0.9	4
81	Succinimide- <i>N</i> -sulfonic Acid as a Recyclable BrÃ¶nsted Acid Catalyst for Synthesis of Pyrano[4,3- <i>b</i> ]pyran Derivatives by Using Solar Energy Under Solvent-Free Conditions. Polycyclic Aromatic Compounds, 2017, 37, 31-38.	1.4	16
82	Synthesis of N-methyl imines in the presence of poly(N-vinylpyridine) as a reusable solid base catalyst by a mechanochemical process. Research on Chemical Intermediates, 2017, 43, 901-910.	1.3	21
83	Ultrasonically promoted synthesis of tacrine analogs in the presence of TiO <sub>2</sub> nanotubes. Chemistry of Heterocyclic Compounds, 2016, 52, 958-963.	0.6	0
84	4-(Succinimido)-1-butane Sulfonic Acid as a BrÃ¶nsted Acid Catalyst for Synthesis of 4,4â€²-(arylmethylene)bis(1H-pyrazol-5-ol)s Derivatives under Solvent-Free Conditions. Polycyclic Aromatic Compounds, 2016, 36, 716-728.	1.4	12
85	Eco-friendly biodiesel production from olive oil waste using solar energy. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 3668-3672.	1.2	11
86	N -Methylimidazolium perchlorate as a new ionic liquid for the synthesis of bis(pyrazol-5-ol)s under solvent-free conditions. Chinese Chemical Letters, 2016, 27, 104-108.	4.8	37
87	1,1â€²-butylenebis(3-methyl-3H-imidazol-1-ium) Hydrogen Sulfate Catalyzed One-Pot Multi-Component Synthesis of Unsymmetrical Polyhydroquinoline Derivatives. Polycyclic Aromatic Compounds, 2016, 36, 284-294.	1.4	15
88	4-(Succinimido)-1-butane sulfonic acid as a BrÃ¶nsted acid catalyst for the synthesis of pyrano[4,3- <i>b</i> ]pyran derivatives using thermal and ultrasonic irradiation. Chinese Journal of Catalysis, 2015, 36, 728-733.	6.9	11
89	Introduction 1,1â€²-butylenebis(3-methyl-3H imidazol-1-ium) Hydrogen Sulfate as an Efficient Binuclear BrÃ¶nsted Acidic Ionic Liquid for Three-Component and One-Pot Synthesis of Benzo[ <i>f</i> ]indenoquinoline Derivatives. Polycyclic Aromatic Compounds, 2015, 35, 428-438.	1.4	5
90	1,1â€²-Butylenebis(3-methyl-3H-imidazol-1-ium) hydrogen sulfate as an efficient binuclear BrÃ¶nsted ionic liquid for the synthesis of tacrine analogues. Monatshefte FÃ¼r Chemie, 2015, 146, 321-326.	0.9	8

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91	3-Methyl-1-sulfonic acid imidazolium hydrogen sulfate-catalyzed three-component, one-pot synthesis of 13-aryl-12H-benzo[f]indeno[1,2-b]quinoline-12-one derivatives. <i>Research on Chemical Intermediates</i> , 2015, 41, 5411-5421.	1.3	13
92	Poly(4-vinylpyridinium) hydrogen sulfate catalyzed synthesis of 12-aryl-12-hydro-5H-benzo[g]indeno[2,1-b]quinoline-6,11,13-trione derivatives. <i>Research on Chemical Intermediates</i> , 2015, 41, 4569-4579.	1.3	12
93	N-Sulfonic acid poly(4-vinylpyridinium) hydrogen sulfate as an efficient and reusable solid acid catalyst for one-pot synthesis of xanthene derivatives in dry media under ultrasound irradiation. <i>Ultrasonics Sonochemistry</i> , 2015, 22, 397-403.	3.8	33
94	4-(Succinimido)-1-butane sulfonic acid as a Brønsted acid catalyst for synthesis of pyrano[4,3-b]pyran derivatives under solvent-free conditions. <i>Chinese Chemical Letters</i> , 2015, 26, 26-30.	4.8	27
95	Synthesis of benzo[g]indeno[2,1-b]quinoline derivatives via four-component and one-pot synthesis in presence of 3-methyl-1-sulfonic acid imidazolium hydrogen sulfate. <i>Chinese Journal of Catalysis</i> , 2014, 35, 1858-1863.	6.9	7
96	Poly(n-butyl-4-vinylpyridinium) borohydride as a new stable and efficient reducing agent in organic synthesis. <i>Comptes Rendus Chimie</i> , 2014, 17, 23-29.	0.2	3
97	Solvent-free synthesis of quinoline derivatives via the Friedländer reaction using 1,3-disulfonic acid imidazolium hydrogen sulfate as an efficient and recyclable ionic liquid catalyst. <i>Comptes Rendus Chimie</i> , 2014, 17, 370-376.	0.2	28
98	Three-component, one-pot synthesis of benzo[f]indenoquinoline derivatives catalyzed by poly(4-vinylpyridinium) hydrogen sulfate. <i>Chinese Journal of Catalysis</i> , 2014, 35, 474-480.	6.9	12
99	The chemoselective N-Boc protection of amines in the presence of solid-supported perchloric acid as an efficient and reusable solid acid. <i>Monatshefte für Chemie</i> , 2014, 145, 1975-1980.	0.9	10
100	Synthesis of Xanthene Derivatives in Presence of Poly(4-vinylpyridinium) Perchlorate as a Solid Acid under Grinding and Solvent-Free Conditions. <i>Polycyclic Aromatic Compounds</i> , 2014, 34, 493-503.	1.4	5
101	Four-component one-pot synthesis of unsymmetrical polyhydroquinoline derivatives using 3-methyl-1-sulfonic acid imidazolium hydrogen sulfate as a catalyst. <i>Chinese Journal of Catalysis</i> , 2014, 35, 1036-1042.	6.9	18
102	N-Sulfonic acid poly(4-vinylpyridinium) hydrogen sulfate as a novel, efficient, and reusable solid acid catalyst for acylation under solvent-free conditions. <i>Chinese Journal of Catalysis</i> , 2014, 35, 1126-1135.	6.9	7
103	One-pot multicomponent synthesis of unsymmetrical polyhydroquinoline derivatives with 1,1'-bis(2-butylenebispyridinium) hydrogen sulfate as an efficient, halogen-free and reusable Brønsted ionic liquid catalyst. <i>Chinese Journal of Catalysis</i> , 2014, 35, 1497-1503.	6.9	20
104	1,1'-Butylenebis(3-methyl-3H-imidazol-1-ium) dihydrogensulfate as a halogen-free and reusable binuclear Brønsted ionic liquid catalyzed the synthesis of pyrano[4,3-b]pyran derivatives. <i>Monatshefte für Chemie</i> , 2014, 145, 1643-1648.	0.9	17
105	Poly(4-vinylpyridinium) perchlorate as an efficient solid acid catalyst for the chemoselective preparation of 1,1-diacetates from aldehydes under solvent-free conditions. <i>Chinese Journal of Catalysis</i> , 2014, 35, 329-334.	6.9	10
106	Aldol condensations of a variety of different aldehydes and ketones under ultrasonic irradiation using poly(N-vinylimidazole) as a new heterogeneous base catalyst under solvent-free conditions in a liquid-solid system. <i>Chinese Journal of Catalysis</i> , 2013, 34, 2167-2173.	6.9	20
107	Introduction of poly(4-vinylpyridinium) perchlorate as a new, efficient, and versatile solid acid catalyst for one-pot synthesis of substituted coumarins under ultrasonic irradiation. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 26-31.	3.8	35
108	Ultrasound assisted the chemoselective 1,1-diacetate protection and deprotection of aldehydes catalyzed by poly(4-vinylpyridinium)hydrogen sulfate salt as an eco-benign, efficient and reusable solid acid catalyst. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 19-25.	3.8	26

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109	Poly(N-vinylimidazole) as an efficient catalyst for acetylation of alcohols, phenols, thiols and amines under solvent-free conditions. <i>RSC Advances</i> , 2013, 3, 99-110.	1.7	36
110	Succinimide-N-sulfonic acid catalyzed synthesis of bis(indolyl)methane and coumarin derivatives under mild conditions. <i>Chinese Journal of Catalysis</i> , 2013, 34, 1890-1896.	6.9	24
111	N-sulfonic acid poly(4-vinylpyridinium) chloride: an efficient and reusable solid acid catalyst in N-Boc protection of amines. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 181-188.	1.2	22
112	An efficient and practical synthesis of bis(indolyl)methanes catalyzed by N-sulfonic acid poly(4-vinylpyridinium) chloride. <i>Dyes and Pigments</i> , 2013, 98, 290-296.	2.0	23
113	Ultrasound-assisted one-pot synthesis of substituted coumarins catalyzed by poly(4-vinylpyridinium) hydrogen sulfate as an efficient and reusable solid acid catalyst. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 1062-1068.	3.8	39
114	Poly(1,4-butyl-bis-vinylpyridinium) borohydride as a new stable and efficient reducing agent in organic synthesis. <i>Comptes Rendus Chimie</i> , 2013, 16, 721-727.	0.2	1
115	1,3-Disulfonic acid imidazolium hydrogen sulfate as an efficient and reusable ionic liquid catalyst for the N-Boc protection of amines. <i>Journal of Molecular Liquids</i> , 2013, 177, 386-393.	2.3	44
116	A succinimide-N-sulfonic acid catalyst for acetylation reactions in absence of a solvent. <i>Chinese Journal of Catalysis</i> , 2013, 34, 695-703.	6.9	27
117	1,3-Dibromo-5,5-dimethylhydantoin (DBH)/kaolin: An efficient reagent system for the synthesis of 14-aryl-14H-dibenzo[a,j]xanthenes under solvent-free conditions. <i>Chinese Chemical Letters</i> , 2012, 23, 1145-1148.	4.8	11
118	Poly(N-vinylimidazole) as a halogen-free and efficient catalyst for N-Boc protection of amines under solvent-free conditions. <i>RSC Advances</i> , 2012, 2, 12364.	1.7	19
119	Succinimide-N-sulfonic acid: An efficient catalyst for the synthesis of xanthene derivatives under solvent-free conditions. <i>Dyes and Pigments</i> , 2012, 95, 789-794.	2.0	77
120	Preparation, characterization and use of poly(4-vinylpyridinium) perchlorate as a new, efficient, and versatile solid phase catalyst for acetylation of alcohols, phenols and amines. <i>Journal of Molecular Catalysis A</i> , 2012, 363-364, 90-100.	4.8	33
121	Preparation, characterization and use of 1,3-disulfonic acid imidazolium hydrogen sulfate as an efficient, halogen-free and reusable ionic liquid catalyst for the trimethylsilyl protection of hydroxyl groups and deprotection of the obtained trimethylsilanes. <i>Journal of Molecular Catalysis A</i> , 2012, 365, 15-23.	4.8	49
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