

# Nader Ghaffari Khaligh

## List of Publications by Year in descending order

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132  
papers

1,885  
citations

236833

25  
h-index

377752

34  
g-index

141  
all docs

141  
docs citations

141  
times ranked

1272  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Synthesis of coumarins via Pechmann reaction catalyzed by 3-methyl-1-sulfonic acid imidazolium hydrogen sulfate as an efficient, halogen-free and reusable acidic ionic liquid. <i>Catalysis Science and Technology</i> , 2012, 2, 1633.	2.1	63
3	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
4	Preparation, characterization and use of 3-methyl-1-sulfonic acid imidazolium hydrogen sulfate as an eco-benign, efficient and reusable ionic liquid catalyst for the chemoselective trimethylsilyl protection of hydroxyl groups. <i>Journal of Molecular Catalysis A</i> , 2011, 349, 63-70.	4.8	47
5	Poly(4-vinylpyridinium)hydrogen sulfate: A novel and efficient catalyst for the synthesis of 14-aryl-14H-dibenzo[a,j]xanthenes under conventional heating and ultrasound irradiation. <i>Ultrasonics Sonochemistry</i> , 2012, 19, 736-739.	3.8	46
6	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
7	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 4H-pyrans through the ball milling process. <i>Journal of Molecular Liquids</i> , 2019, 277, 794-804.	2.3	43
8	Surface modification of Carbon-Based Nanoadsorbents for the Advanced Wastewater Treatment. <i>Journal of Molecular Structure</i> , 2021, 1235, 130148.	1.8	43
9	Succinimide sulfonic acid (SuSA): an efficient and recyclable catalyst for the chemoselective N-Boc protection of amines. <i>Monatshefte für Chemie</i> , 2012, 143, 631-635.	0.9	42
10	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
11	Succinimide-N-Sulfonic Acid: A Mild, Efficient, and Reusable Catalyst for the Chemoselective Trimethylsilylation of Alcohols and Phenols. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 2156-2165.	0.8	38
12	N-Methylimidazolium perchlorate as a new ionic liquid for the synthesis of bis(pyrazol-5-ol)s under solvent-free conditions. <i>Chinese Chemical Letters</i> , 2016, 27, 104-108.	4.8	37
13	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
14	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
15	Preparation, characterization and use of poly(4-vinylpyridinium) hydrogen sulfate salt as an eco-benign, efficient and reusable solid acid catalyst for the chemoselective 1,1-diacetate protection and deprotection of aldehydes. <i>Journal of Molecular Catalysis A</i> , 2011, 348, 20-29.	4.8	33
16	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
17	Poly(4-vinylpyridinium) hydrogensulfate catalyzed synthesis of 12-aryl-12H-indeno[1,2-b]naphtho[3,2-e]pyran-5,11,13-triones. <i>Tetrahedron Letters</i> , 2012, 53, 1637-1640.	0.7	33
18	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

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19	Poly(4-vinylpyridinium) hydrogen sulfate: an efficient catalyst for the synthesis of xanthene derivatives under solvent-free conditions. <i>Catalysis Science and Technology</i> , 2012, 2, 2211.	2.1	30
20	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
21	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
22	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
23	4-(Succinimido)-1-butane sulfonic acid as a BrÄnsted 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
24	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
25	Ultrasound assisted the chemoselective 1,1-diacetate protection and deprotection of aldehydes catalyzed by poly(4-vinylpyridinium)hydrogen sulfate salt as a eco-benign, efficient and reusable solid acid catalyst. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 19-25.	3.8	26
26	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
27	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
28	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
29	Preparation and characterization of the encapsulated myrtle extract nanoliposome and nanoniosome without using cholesterol and toxic organic solvents: A comparative study. <i>Food Chemistry</i> , 2021, 342, 128342.	4.2	22
30	Carbon Nanomaterials for Wastewater Treatment. <i>ChemBioEng Reviews</i> , 2021, 8, 463-489.	2.6	22
31	Synthesis of N-methyl imines in the presence of poly(N-vinylpyridine) as a reusable solid base catalyst by a mechanochemical process. <i>Research on Chemical Intermediates</i> , 2017, 43, 901-910.	1.3	21
32	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
33	One-pot multicomponent synthesis of unsymmetrical polyhydroquinoline derivatives with 1,1-ä-butylenebispyridinium hydrogen sulfate as an efficient, halogen-free and reusable BrÄnsted ionic liquid catalyst. <i>Chinese Journal of Catalysis</i> , 2014, 35, 1497-1503.	6.9	20
34	Recent Advances and Applications of tert-Butyl Nitrite (TBN) in Organic Synthesis. <i>Mini-Reviews in Organic Chemistry</i> , 2020, 17, 3-25.	0.6	20
35	An overview of metal-free sustainable nitrogen-based catalytic knoevenagel condensation reaction. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 2164-2186.	1.5	20
36	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

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37	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
38	An alternative, practical, and ecological protocol for synthesis of arylidene analogues of Meldrum's acid as useful intermediates. <i>Research on Chemical Intermediates</i> , 2019, 45, 3291-3300.	1.3	18
39	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
40	Telescopic synthesis of azo compounds via stable arenediazonium bis(trifluoromethane)sulfonimide salts by using tert-butyl nitrite. <i>Dyes and Pigments</i> , 2017, 139, 556-560.	2.0	17
41	An Overview of Recent Advances in the Synthesis of Organic Unsymmetrical Disulfides. <i>Helvetica Chimica Acta</i> , 2021, 104, e2100053.	1.0	17
42	Succinimide-N-sulfonic Acid as a Recyclable Brønsted Acid Catalyst for Synthesis of Pyrano[4,3-b]pyran Derivatives by Using Solar Energy Under Solvent-Free Conditions. <i>Polycyclic Aromatic Compounds</i> , 2017, 37, 31-38.	1.4	16
43	4,4'-Trimethylenedipiperidine (TMDP): An Efficient Organocatalyst for the Mechanochemical Synthesis of Pyrano[4,3-b]pyrans under Solid-state Conditions. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 1606-1615.	1.4	16
44	Poly(4-vinylpyridine) catalyzed chemoselective O-TMS protection of alcohols and phenols and N-Boc protection of amines. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 495-502.	1.2	15
45	1,1'-butylenebis(3-methyl-3H-imidazol-1-ium) Hydrogen Sulfate Catalyzed One-Pot Multi-Component Synthesis of Unsymmetrical Polyhydroquinoline Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2016, 36, 284-294.	1.4	15
46	Recent Application of the Various Nanomaterials and Nanocatalysts for the Heavy Metals Removal from Wastewater. <i>Nano</i> , 2018, 13, 1830006.	0.5	15
47	Application of nitrogen-rich porous organic polymer for the solid-phase synthesis of 2-amino-4H-benzo[b]pyran scaffolds using ball milling process. <i>Molecular Diversity</i> , 2021, 25, 323-332.	2.1	14
48	Recent Catalytic Advances in the Synthesis of Organic Symmetric Disulfides. <i>Current Organic Chemistry</i> , 2020, 24, 550-581.	0.9	14
49	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. <i>Journal of Molecular Liquids</i> , 2022, 359, 119379.	2.3	14
50	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
51	Green one-pot multicomponent synthesis of pyrrolidinones using planetary ball milling process under solvent-free conditions. <i>Synthetic Communications</i> , 2019, 49, 1334-1342.	1.1	13
52	Mechanochemical synthesis of. <i>Australian Journal of Chemistry</i> , 2019, 72, 194-199.	0.5	13
53	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
54	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

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55	4-(Succinimido)-1-butane Sulfonic Acid as a Brønsted Acid Catalyst for Synthesis of 4,4-bis(arylmethylene)bis(1H-pyrazol-5-ol)s Derivatives under Solvent-Free Conditions. Polycyclic Aromatic Compounds, 2016, 36, 716-728.	1.4	12
56	Synthesis and characterization of some novel 4-arylglyoxal-chromene derivatives in the presence of a polymeric catalyst and biological evaluation against Escherichia coli. Monatshefte für Chemie, 2018, 149, 33-38.	0.9	12
57	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. Chinese Chemical Letters, 2012, 23, 1145-1148.	4.8	11
58	4-(Succinimido)-1-butane sulfonic acid as a Brønsted acid catalyst for the synthesis of pyrano[4,3-b]pyran derivatives using thermal and ultrasonic irradiation. Chinese Journal of Catalysis, 2015, 36, 728-733.	6.9	11
59	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
60	Synthesis and characterization of novel binuclear task-specific ionic liquid: an efficient and sustainable sulfonic-functionalized ionic liquid for one-pot synthesis of xanthenes. Research on Chemical Intermediates, 2018, 44, 4045-4062.	1.3	11
61	Recently Applications of tert-butyl Nitrite in Organic Synthesis-Part I. Current Organic Chemistry, 2018, 22, 1120-1138.	0.9	11
62	The chemoselective N-Boc protection of amines in the presence of solid-supported perchloric acid as an efficient and reusable solid acid. Monatshefte für Chemie, 2014, 145, 1975-1980.	0.9	10
63	Poly(4-vinylpyridinium) perchlorate as an efficient solid acid catalyst for the chemoselective preparation of 1,1-diacetates from aldehydes under solvent-free conditions. Chinese Journal of Catalysis, 2014, 35, 329-334.	6.9	10
64	Greener and facile synthesis of 4,4-bis(arylmethylene)bis(3-methyl-1-phenyl-1H-pyrazol-5-ol)s through a conventional heating procedure. Synthetic Communications, 2020, 50, 3276-3286.	1.1	10
65	The structure elucidation of new ionic liquid and its application for the synthesis of a series of novel triazolo[1,5-a]pyrimidine scaffolds. Journal of Molecular Structure, 2020, 1219, 128592.	1.8	10
66	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
67	Saccharin and tert-Butyl Nitrite: Cheap and Efficient Reagents for the Synthesis of 1,2,3-Benzotriazine-4-(3H)-ones from 2-Aminobenzamides under Metal-Free Conditions. Australian Journal of Chemistry, 2018, 71, 186.	0.5	9
68	Synthesis of Quinoline Derivatives via the Friedländer Annulation Using a Sulfonic Acid Functionalized Liquid Acid as Dual Solvent-Catalyst. Polycyclic Aromatic Compounds, 2020, 40, 1223-1237.	1.4	9
69	Synthesis of a series of novel dihydro-[1,2,4]triazolo [1,5-a]pyrimidine scaffolds: Dual solvent-catalyst activity of a low viscous and acid-functionalized ionic liquid. Synthetic Communications, 2020, 50, 1633-1640.	1.1	9
70	Solar energy and TiO <sub>2</sub> nanotubes: Biodiesel production from waste cooking olive oil. Environmental Progress and Sustainable Energy, 2021, 40, e13537.	1.3	9
71	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. Journal of Molecular Liquids, 2021, 336, 116856.	2.3	9
72	Recent Advances in the Nano-Catalytic Knoevenagel Condensation. Mini-Reviews in Organic Chemistry, 2020, 17, 828-842.	0.6	9

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73	Influence of Nanovesicle Type, Nanoliposome and Nanoniosome, on Antioxidant and Antimicrobial Activities of Encapsulated Myrtle Extract: A Comparative Study. <i>Food and Bioprocess Technology</i> , 2022, 15, 144-164.	2.6	9
74	1,1â€²-Butylenebis(3-methyl-3H-imidazol-1-ium) hydrogen sulfate as an efficient binuclear Brønsted ionic liquid for the synthesis of tacrine analogues. <i>Monatshefte für Chemie</i> , 2015, 146, 321-326.	0.9	8
75	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
76	An Efficient Synthesis of Pyrrolidinone Derivatives in the Presence of 1,1â€²-Butylenebis(3-sulfo-3H-imidazol-1-ium) Chloride. <i>Australian Journal of Chemistry</i> , 2018, 71, 566.	0.5	8
77	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
78	4,4â€™-trimethylenedipiperidine as a nitrogen heterocycle solvent and/or catalyst: Liquid phase tandem Knoevenagelâ€“Michael condensation. <i>Turkish Journal of Chemistry</i> , 2021, 45, 261-268.	0.5	8
79	Ashless and non-corrosive disulfide compounds as excellent extreme pressure additives in naphthenic oil. <i>Journal of Molecular Liquids</i> , 2022, 351, 118553.	2.3	8
80	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
81	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
82	Synthesis of Tetrahydrotriazoloacridines: A Synergistic Effect of Microwave Irradiation and Brønsted Acidic Ionic Liquids. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 3350-3357.	1.4	7
83	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
84	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
85	1H,4H-Piperazine-dium Dichlorosulfonate: Structure Elucidation and its Dual Solventâ€“Catalyst Activity for the Synthesis of New Dihydro-[1,2,4]triazolo[1,5-a]pyrimidine Scaffolds. <i>Australian Journal of Chemistry</i> , 2020, 73, 1118.	0.5	7
86	3,4-Dichloro-1,2,5-thiadiazole: a commercially available electrophilic sulfur transfer agent and safe resource of ethanedinitrile. <i>Journal of Sulfur Chemistry</i> , 2022, 43, 169-179.	1.0	7
87	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
88	1,1â€²-Butylenebis(3-sulfo-3H-imidazol-1-ium) hydrogensulfate: a versatile task-specific ionic liquid catalyst for the synthesis of 4H-pyran scaffolds through non-conventional process. <i>Monatshefte für Chemie</i> , 2019, 150, 655-662.	0.9	6
89	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
90	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. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 942-950.	1.4	6

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91	Recent Advances in Water Treatment Using Graphene-based Materials. <i>Mini-Reviews in Organic Chemistry</i> , 2020, 17, 74-90.	0.6	6
92	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
93	Introduction 1,1'-butylenebis(3-methyl-3H imidazol-1-ium) Hydrogen Sulfate as an Efficient Binuclear Brønsted Acidic Ionic Liquid for Three-Component and One-Pot Synthesis of Benzo[ <i>a</i> ]indenoquinoline Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2015, 35, 428-438.	1.4	5
94	One-Pot Synthesis of Coumarins Using 1,1'-Butylenebis (3-sulfo-3H-imidazol-1-ium) Chloride as an Efficient Task-Specific Ionic Liquid. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 1712-1721.	1.4	5
95	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
96	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
97	The liquid phase of 4,4'-trimethylenedipiperidine: a safe and greener dual-task agent for clean and facile synthesis of coumarin derivatives. <i>Molecular Diversity</i> , 2022, 26, 3047-3055.	2.1	5
98	TiO <sub>2</sub> nanotubes and sonication: Synthesis of azo-linked xanthenes. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 1468-1474.	0.9	4
99	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
100	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. <i>Journal of Molecular Structure</i> , 2020, 1216, 128182.	1.8	4
101	Synthesis, Characterisation, and Determination of Physical Properties of New Two-Protonic Acid Ionic Liquid and its Catalytic Application in the Esterification. <i>Australian Journal of Chemistry</i> , 2021, 74, 165.	0.5	4
102	A novel sublimable organic salt: Synthesis, characterization, thermal behavior, and catalytic activity for the synthesis of arylidene, heteroarylidene, and alkylidene malonates. <i>Research on Chemical Intermediates</i> , 2022, 48, 361-377.	1.3	4
103	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
104	Metal-free and green synthesis of a series of new bis(2-alkylsulfanyl-[1,3,4]thiadiazolyl)-5,5'-disulfides and 2,2'-Dibenzothiazyl disulfide via oxidative self-coupling using hydrogen peroxide. <i>Polyhedron</i> , 2022, 213, 115610.	1.0	4
105	Poly( <i>n</i> -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
106	GC-MS study of thermochemical conversion of guaifenesin in the presence of 1-butyl-3-methylimidazolium-based ionic liquids. <i>Research on Chemical Intermediates</i> , 2017, 43, 4007-4021.	1.3	3
107	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
108	Microwave-assisted synthesis of pyrrolidinone derivatives using 1,1'-butylenebis(3-sulfo-3H-imidazol-1-ium) chloride in ethylene glycol. <i>Green Processing and Synthesis</i> , 2019, 8, 373-381.	1.3	3

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109	Greener and practical synthesis of 4,4'-bis(arylmethylene)bis(3-methyl-1-phenyl-1H-pyrazol-5-ols) through a conventional heating and a mechanochemical procedure. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 4036-4043.	1.4	3
110	Catalytic Application of 1,4-Piperazinediethanesulfonic Acid (PIPES) for the One-pot Multicomponent Synthesis of Pyrano[4,3-b]pyrans. <i>Organic Preparations and Procedures International</i> , 2020, 52, 368-373.	0.6	3
111	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
112	Poly(vinyl pyridine): A Versatile Polymer in Catalysis. <i>Current Organic Chemistry</i> , 2019, 23, 439-479.	0.9	3
113	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
114	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
115	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
116	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
117	An Overview of Recent Advances in Biological and Pharmaceutical Developments of Fluoro-containing Drugs. <i>Current Organic Chemistry</i> , 2020, 23, 2916-2944.	0.9	2
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