

Razieh Mohebat

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Benzo-furan-derived benzylpyridinium bromides as potent acetylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015, 93, 196-201.	5.5	57
2	An efficient four-component domino protocol for the rapid and green synthesis of functionalized benzo[a]pyrano[2,3-c]phenazine derivatives using caffeine as a homogeneous catalyst. <i>Research on Chemical Intermediates</i> , 2016, 42, 1227-1235.	2.7	44
3	Theophylline as a new and green catalyst for the one-pot synthesis of spiro[benzo[a]pyrano[2,3-c]phenazine] and benzo[a]pyrano[2,3-c]phenazine derivatives under solvent-free conditions. <i>Chinese Chemical Letters</i> , 2017, 28, 446-452.	9.0	38
4	Theophylline as the catalyst for the diastereoselective synthesis of trans-1,2-dihydrobenzo[a]furo[2,3-c]phenazines in water. <i>RSC Advances</i> , 2016, 6, 84326-84333.	3.6	30
5	PTSA-catalyzed four-component domino reactions for the one-pot synthesis of functionalized 11H-benzo[a]benzo[6,7]chromeno[2,3-c]phenazine-11,16(17H)-diones in PEG. <i>Research on Chemical Intermediates</i> , 2016, 42, 5915-5926.	2.7	29
6	Caffeine catalyzed green synthesis of novel benzo[a][1,3]oxazino[6,5-c]phenazines via a one-pot multi-component sequential protocol in a basic ionic liquid. <i>Chinese Chemical Letters</i> , 2017, 28, 1340-1344.	9.0	26
7	DABCO-catalyzed multi-component domino reactions for green and efficient synthesis of novel 3-oxo-3H-benzo[a]pyrano[2,3-c]phenazine-1-carboxylate and 3-(5-hydroxybenzo[a]Tj ETQq1 1 0.784314 rgBT40verlock210 Tf 504	4.0	20
8	Green synthesis of novel quinoxaline sulfonamides with antibacterial activity. <i>Research on Chemical Intermediates</i> , 2017, 43, 4549-4559.	2.7	21
9	Microwave-Assisted and L-proline Catalysed Domino Cyclisation in an Aqueous Medium: A Rapid, Highly Efficient and Green Synthesis of Benzo[a]Phenazine Annulated Heterocycles. <i>Journal of Chemical Research</i> , 2016, 40, 722-726.	1.3	17
10	A rapid and efficient domino protocol for the synthesis of functionalized benzo[a]pyrano[2,3-c]phenazine and benzo[f]pyrano[2,3-h]quinoxaline derivatives. <i>Research on Chemical Intermediates</i> , 2016, 42, 6039-6048.	2.7	17
11	One-Pot, Sequential Four-Component Synthesis of Benzo[chromeno[2,3-c]phenazine Derivatives Using SiO ₂ SO ₃ H as an Efficient and Recoverable Catalyst Under Conventional Heating and Microwave Irradiation. <i>Polycyclic Aromatic Compounds</i> , 2018, 38, 92-101.	2.6	17
12	A clean synthesis of oxazino[5,6-f]quinolinone and naphtho[1,2-e]oxazinone derivatives. <i>Monatshefte für Chemie</i> , 2008, 139, 1247-1250.	1.8	16
13	Nano-silica supported palladium nanoparticles: A sustainable nanocatalyst for efficient synthesis of 2,3-diarylimidazo[1,2-a]pyridines at low catalyst loading. <i>Catalysis Communications</i> , 2018, 105, 59-64.	3.3	16
14	Three-component reaction between 6-amino-N, - dimethyluracil and ammonium thiocyanate in the presence of aryl chlorides under solvent-free conditions. <i>Journal of Sulfur Chemistry</i> , 2011, 32, 557-561.	2.0	15
15	A green and efficient four-component sequential protocol for the synthesis of novel 16-(aryl)benzo[a]indeno[2,1-b]pyrano[2,3-c]phenazin-15(16H)-one derivatives using oxalic acid as a reusable and cost-effective organic catalyst. <i>Research on Chemical Intermediates</i> , 2016, 42, 7121-7132.	2.7	15
16	New and efficient synthesis of 1,4-oxazines through the reaction of acetylenic esters and nitrosophthols in the presence of phosphine derivatives. <i>Arkivoc</i> , 2016, 2016, 1-9.	0.5	13
17	Three-Component Reaction of Triphenylphosphine, Acetylenic Esters, and 6-Aminouracil or 6-Amino-N, dimethyluracil. <i>Synthetic Communications</i> , 2013, 43, 2833-2840.	2.1	12
18	Microwave-assisted Domino Cyclization for the Synthesis of Novel Spiro-benzo[phenazine Annulated Heterocycles Catalyzed by a Basic Ionic Liquid. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 690-698.	1.4	11

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19	Composition and Antibacterial Activity of the Essential Oils From Aerial Parts, Stems, Flowers and Leaves of <i>Ferulago contracta</i> From Iran. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2010, 13, 607-614.	1.9	10
20	Green synthesis of novel pyrazolo-fused benzophenazines using $\text{H}_3\text{PW}_{12}\text{O}_{40}$ as efficient and recyclable catalyst under microwave irradiation. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 1259-1265.	1.4	10
21	Synthesis of benzo[<i>a</i>]pyrido[2,3- <i>c</i>]phenazine derivatives through an efficient, rapid and via microwave irradiation under solvent-free conditions catalyzed by $\text{H}_3\text{PW}_{12}\text{O}_{40}$ @ Fe_3O_4 -ZnO for high-performance removal of methylene blue. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2021, 49, 259-269.	2.8	10
22	$\text{H}_3\text{PW}_{12}\text{O}_{40}$ @nano-ZnO: An efficient, recyclable, and eco-friendly catalyst for the green synthesis of novel benzo[<i>a</i>]pyrimido[5,6- <i>e</i>]pyrano[2,3- <i>c</i>]phenazines via sequential multicomponent reactions under microwave irradiation. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 1007-1013.	1.4	9
23	<i>in situ</i> a multi-component using Fe_3O_4 @ TiO_2 -SO ₃ H as a recoverable magnetic catalyst under microwave irradiation. <i>Green Chemistry Letters and Reviews</i> , 2020, 13, 165-178.	4.7	9
24	An efficient synthesis of naphtho[2,1- <i>b</i>]furan-2(1 <i>H</i>)-ones catalysed by Nafion-H supported on silica-coated super paramagnetic iron oxide nanoparticles. <i>Journal of Chemical Research</i> , 2017, 41, 408-412.	1.3	8
25	Comparative chemical analysis of volatile compounds of <i>Echinops ilicifolius</i> using hydrodistillation and headspace solid-phase microextraction and the antibacterial activities of its essential oil. <i>Royal Society Open Science</i> , 2018, 5, 171424.	2.4	8
26	A Rapid and Highly Efficient Microwave-Promoted Four-Component Domino Reaction for the Synthesis of Novel Spiro[benzo[<i>a</i>]chromeno[2,3- <i>c</i>]phenazine] Derivatives Under Solvent-Free Conditions. <i>Polycyclic Aromatic Compounds</i> , 2019, 39, 148-158.	2.6	8
27	Multi-component reaction synthesis of novel 3-phenyl-3,4-dihydro-2 <i>H</i> -benzo[<i>a</i>][1,3]oxazino[5,6- <i>c</i>]phenazine derivatives catalyzed by reusable ZnO-PTA@ Fe_3O_4 /EN-MIL-101(Cr) nanopowder at room temperature. <i>Green Chemistry Letters and Reviews</i> , 2020, 13, 179-191.	4.7	8
28	Fulvic Acid: An Efficient and Green Catalyst for the One-pot Four-component Domino Synthesis of Benzo[<i>a</i>]phenazine Annulated Heterocycles in Aqueous Medium. <i>Organic Preparations and Procedures International</i> , 2020, 52, 48-55.	1.3	8
29	Composition of the Essential Oils and Antibacterial Activities of <i>Hymenocrater yazdianus</i> , <i>Stachys obtusirena</i> and <i>Nepeta asterotricha</i> Three Labiatae Herbs Growing Wild in Iran. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	7
30	One-pot Synthesis of Highly Functionalised 1-tosylpyrazolidines. <i>Journal of Chemical Research</i> , 2014, 38, 175-177.	1.3	7
31	Facile and Efficient One-Pot Synthesis of Highly Functionalised 1,2,3,5-Tetrahydroimidazo[1,2- <i>A</i>]Pyrimidines. <i>Journal of Chemical Research</i> , 2015, 39, 203-205.	1.3	7
32	<i>l</i> -Proline catalyzed domino cyclization for the green synthesis of novel 1,4-dihydrobenzo[<i>a</i>]pyrido[2,3- <i>c</i>]phenazines. <i>Monatshefte für Chemie</i> , 2017, 148, 2135-2142.	1.8	7
33	Green and Eco-Friendly Synthesis of Quinoxalines by Brønsted Acidic Ionic Liquid Supported on Nano-SiO ₂ under Solvent-Free Conditions. <i>Organic Preparations and Procedures International</i> , 2018, 50, 301-313.	1.3	7
34	An efficient domino one-pot synthesis of novel spirofuran-indenoquinoxalines by vinyltriphenylphosphonium salts. <i>Journal of Chemical Sciences</i> , 2017, 129, 691-698.	1.5	6
35	An Efficient Eco-Friendly Synthesis of Pyran Annulated Heterocyclic Systems under Conventional Heating and Microwave Irradiation in Solvent-Free Conditions. <i>Polycyclic Aromatic Compounds</i> , 2018, 38, 180-188.	2.6	6
36	Synthesis of 3-Aryl-Benzo[<i>b</i>]Furans and 3-Aryl-Naphtho[<i>b</i>]Furans Using <i>N</i> -Propyl-4-Aza-1-Azoniabicyclo[2.2.2]Octane Chloride Immobilised on SiO ₂ as an Efficient and Reusable Catalyst. <i>Journal of Chemical Research</i> , 2018, 42, 86-89.	1.3	6

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37	Microwave-assisted Multi-component Domino Reaction for the Green Synthesis of Novel Benzo[<i>a</i>]pyrano[3',4':5,6]pyrano[2,3- <i>c</i>]phenazines Using H ₃ PW ₁₂ O ₄₀ as Efficient, Cost-effective and Recyclable Catalyst. <i>Organic Preparations and Procedures International</i> , 2019, 51, 477-485.	1.3	6
38	Nano-Fe ₃ O ₄ -Promoted Five-Component Domino Reactions for the Green Synthesis of Novel Benzo[<i>a</i>]phthalazino[2,3- <i>b</i>]pyrazolo[3,4- <i>c</i>]phenazines in PEG-400 as an 2.6 Efficient Eco-Friendly Reaction Medium. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 268-279.		6
39	A magnetically separable TiO ₂ @H ₃ PW ₁₂ O ₄₀ @Fe ₃ O ₄ /EN as magnetic core-shell nanoparticles on metal-organic framework MIL-101(Cr). <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 3104-3115.	2.2	6
40	Microwave-Assisted Multi-Component Green Synthesis of Benzo[<i>a</i>]furo[2,3- <i>c</i>]phenazine Derivatives via a Magnetically-Separable Fe ₃ O ₄ @rGO@ZnO-HPA Nanocatalyst under Solvent-Free Conditions. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 586-596.	2.6	6
41	An Efficient One-Pot Synthesis of Trifluoromethyl-Substituted Cyclobutene Derivatives. <i>Journal of Chemical Research</i> , 2010, 34, 228-229.	1.3	5
42	An Efficient One-Pot Synthesis of bis-1-(aroyl)-3-(aryl)thiourea. <i>Journal of Chemical Research</i> , 2012, 36, 626-628.	1.3	5
43	A one-pot synthesis of functionalized 1,3,5-triazine-2-thiones from ammonium thiocyanate, acid chlorides, and 2-aminopyridines under solvent-free conditions. <i>Journal of Sulfur Chemistry</i> , 2012, 33, 583-587.	2.0	5
44	A rapid, efficient, and green synthesis of benzo[<i>a</i>]chromeno[2,3- <i>c</i>]phenazine derivatives via microwave assistance and DABCO-catalyzed a novel domino cyclization. <i>Turkish Journal of Chemistry</i> , 2017, 41, 567-576.	1.2	5
45	A novel one-pot and rapid synthesis of polyfunctionalized benzo[<i>a</i>]pyrimido[5,4- <i>b</i>]pyrido[2,3- <i>c</i>]phenazine derivatives under microwave irradiation. <i>Turkish Journal of Chemistry</i> , 2018, 42, 1008-1017.	1.2	5
46	A Novel Eco-Friendly Catalyst- and Solvent-Free Four-Component Synthesis of Benzo[<i>a</i>]furo[2,3- <i>c</i>]phenazines under Microwave Conditions. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 159-165.	2.6	5
47	A Highly Efficient and Green Synthesis of Pyrimido-Fused Benzophenazines via Microwave-Assisted and H ₃ PW ₁₂ O ₄₀ @Nano-ZnO Catalyzed a Sequential One-Pot Cyclization in Aqueous Medium. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 1164-1174.	2.6	5
48	Efficient Synthesis of Novel Polyfunctionalized Pyrazole Derivatives via Isocyanide-Based Three-Component Reaction. <i>Polycyclic Aromatic Compounds</i> , 2018, 38, 213-218.	2.6	4
49	Synthesis of 1,3-Oxazine-4-thione Derivatives through an Efficient, Rapid and Green Method Catalyzed by L-Proline in Aqueous Medium. <i>Organic Preparations and Procedures International</i> , 2018, 50, 424-431.	1.3	4
50	Graphene Oxide: A Carbocatalyst for the One-Pot Multicomponent Synthesis of 5-Aryl-1H-Indeno[2,1- <i>b</i>]pyrido[2,3- <i>d</i>]pyrimidine-2,4,6(3H)-Trione. <i>Journal of Chemical Research</i> , 2018, 42, 35-39.	1.3	4
51	An efficient synthesis of [1,3,4]thiadiazolo[2,3- <i>c</i>][1,2,4] triazin-4-ones. <i>Journal of Sulfur Chemistry</i> , 2013, 34, 377-382.	2.0	3
52	A Facile One-pot Synthesis and Heterocyclisation of (R)-2-amino-3-((aroylcarbamothioyl)thio)propanoic Acids. <i>Journal of Chemical Research</i> , 2014, 38, 172-174.	1.3	3
53	DABCO-catalyzed Five-component Domino Protocol for the Synthesis of Novel Benzo[<i>a</i>]pyrazolo[4,5- <i>b</i>]pyrano[2,3- <i>c</i>]phenazines in PEG-400 as an Efficient Green Reaction Medium. <i>Organic Preparations and Procedures International</i> , 2020, 52, 261-273.	1.3	3
54	H ₂ S adsorption on pristine and metal-decorated (8, 0) SWCNT: a first principle study. <i>Journal of Molecular Modeling</i> , 2021, 27, 143.	1.8	3

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55	Low Cis Polymerization of Butadiene Using TiCl ₄ and Bisupported with SiO ₂ /MgCl ₂ (Ethoxide) Tj ETQq1 1 0.784314 1.2	1.2	1
56	Stereoselective Synthesis of Dialkyl 2-(Dialkoxyphosphoryl)-3-(3,5-Dioxo-4-Phenyl-[1,2,4]Triazolidin-1-yl) Succinates. Journal of Chemical Research, 2011, 35, 564-567.	1.3	2
57	Studying the effect of <i>Allium sativum</i> and <i>Bunium persicum</i> essential oils on histamine production in Mahyaveh, an Iranian seasoned fish sauce. Journal of Food Safety, 2019, 39, e12590.	2.3	2
58	A Two-Dimensional Barium(II) Coordination Polymer with Pyridinium-2,3-Dicarboxylate: Synthesis, Crystal Structure and Thermal Decomposition to Barium(II) Chloride Nanoparticles. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 5209-5216.	3.7	2
59	An Efficient, Green, Microwave-assisted Synthesis of Benzo[a]furo[2, 3-c]phenazine Derivatives with TiO ₂ -SO ₃ H as Cost-effective and Recyclable Catalyst under Solventfree Conditions. Current Organic Synthesis, 2021, 18, 301-309.	1.3	2
60	Synthesis of Functionalized-Magnetic Nanoparticles and Application as a Retrievable and Efficient Solvent-Free Conditions. Polycyclic Aromatic Compounds, 2022, 42, 6570-6582.	2.6	2
61	A Chemoselective Synthesis of Functionalized Phosphorus Ylides from Carbendazim, Activated Acetylenes, and Triphenylphosphine. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2016, 46, 385-388.	0.6	1
62	Synthesis of functionalized trans-2,3-disubstituted-hexahydrobenzofurans in an aqueous medium using triethanolamine as catalyst. Journal of Chemical Research, 2019, 43, 39-42.	1.3	1
63	Facile synthesis of ZnO-H ₃ PW ₁₂ O ₄₀ @Fe ₃ O ₄ /EN-MIL-101(Cr) as magnetic core-shell nanoparticles derived from metal-organic frameworks: application in medicine and its catalytic activity. Molecular Crystals and Liquid Crystals, 0, , 1-10.	0.9	1
64	Three-component reaction between ethyl carbazate, potassium selenocyanate and aroyl chlorides: Synthesis of 1,2,4-triazole-3-selones. Phosphorus, Sulfur and Silicon and the Related Elements, 2022, 197, 1069-1072.	1.6	1
65	H ₃ PW ₁₂ O ₄₀ catalyzed new and multicomponent one-pot synthesis of 6-benzo[<i>a</i>]phenazin-5-ol derivatives of highly functionalized oxazoles via Robinson-Gabriel-type reaction. Inorganic and Nano-Metal Chemistry, 0, , 1-15.	1.6	1
66	Synthesis of 2-Aryl-7-Methyl-1-Phenyl-4-Selenoxo-1,4-Dihydro-Pyrano[4,3-d]Pyrimidin-5-One via a Three-Component Condensation. Polycyclic Aromatic Compounds, 2023, 43, 4299-4304.	2.6	1
67	A facile one-pot synthesis of substituted N-{[2-(aminocarbonyl)phenylamino]thioxomethyl}benzamides and 2-aryl-quinazolin-4(3H)-ones. Russian Journal of General Chemistry, 2015, 85, 2395-2398.	0.8	0
68	Synthesis of Functionalized $\hat{3}$ -Spiroiminolactones through a One-Pot Three-Component Reaction of Isocyanides, Acetylenic Esters, and 6 <i>H</i> -Indeno[1,2- <i>b</i>]pyrido[3,2- <i>e</i>]pyrazin-6-one. Polycyclic Aromatic Compounds, 2020, 40, 214-218.	2.6	0
69	A Simple and Efficient One-Pot Route for the Synthesis of 3-[1-Aryl(Alkyl)-2-Pyridin-2-yl-Ethyl]-4-Hydroxy-6-Methyl-2H-Pyran-2-Ones under Catalyst-Free Conditions. Polycyclic Aromatic Compounds, 2020, , 1-6.	2.6	0