

Afshin Yazdani-Elah-Abadi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Microwave-Promoted Facile and Rapid Access to Novel Spirooxindole-furo[2,3- <i>c</i>]pyrazole Derivatives Using Pyridinium Ylide-Assisted Domino Reaction. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 63-72.	2.6	7
2	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 Efficient Eco-Friendly Reaction Medium. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 268-279.	2.6	6
3	Synthesis of Functionalized \hat{I}^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. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 214-218.	2.6	0
4	An Efficient and Green Stereoselective Synthesis of Functionalized 3-Indol-3-yl-oxoindolin-3-yl-3-acrylates via Nano-Fe ₃ O ₄ -Promoted One-Pot Four-Component Domino Reactions. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 76-87.	2.6	1
5	CeCl ₃ -Catalyzed a Highly Efficient and Eco-friendly Synthesis of New and Densely Functionalized Thiazolo[3,2- <i>a</i>]pyrimidins via Biginelli-type Reaction. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 732-742.	2.6	2
6	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
7	MNPs@PhSO ₃ H: A Sustainable, Recyclable and Eco-Friendly Catalyst Promoting the Green Synthesis of 3-Aminoisoxazolumethylnaphthols Under Solvent-Free Conditions. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2020, 44, 1379-1385.	1.5	0
8	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
9	Mild and Efficient Synthesis of Polysubstituted Phthalimides and Piperidines Catalyzed by DABCO. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2019, 43, 2851-2859.	1.5	2
10	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
11	One-Pot, Sequential Four-Component Synthesis of Benzo[<i>a</i>]chromeno[2,3- <i>c</i>]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	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
13	Lactic Acid: An Efficient and Green Catalyst for the One-Pot Five-Components Synthesis of Highly Substituted Piperidines. <i>Polycyclic Aromatic Compounds</i> , 2018, 38, 322-328.	2.6	13
14	Nanomagnetically modified vitamin B ₃ (Fe ₃ O ₄ @Niacin): An efficient and reusable green biocatalyst for microwave-assisted rapid synthesis of 2-amino-3-cyanopyridines in aqueous medium. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4103.	3.5	31
15	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
16	Green synthesis of novel pyrazolo-fused benzophenazines using H ₃ PW ₁₂ 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
17	Microwave Domino Diastereoselective Synthesis of Novel Trans-4,5-Dihydro-1 <i>H</i> -Furo[2,3- <i>c</i>]Pyrazoles Using Pyridinium Salts in an Aqueous Medium. <i>Journal of Chemical Research</i> , 2018, 42, 219-223.	1.3	5
18	DABCO-catalyzed multi-component domino reactions for green and efficient synthesis of novel 3-oxo-3 <i>H</i> -benzo[<i>a</i>]pyrano[2,3- <i>c</i>]phenazine-1-carboxylate and 3-(5-hydroxybenzo[<i>a</i>]phenazine-1-carboxylate) derivatives. <i>Organic Preparations and Procedures International</i> , 2018, 50, 424-431.	1.3	4

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19	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
20	Microwave-assisted Domino Cyclization for the Synthesis of Novel Spiro-benzo[a]phenazine Annulated Heterocycles Catalyzed by a Basic Ionic Liquid. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 690-698.	1.4	11
21	Carboxymethyl cellulose (CMC)-loaded Co-Cu doped manganese ferrite nanorods as a new dual-modal simultaneous contrast agent for magnetic resonance imaging and nanocarrier for drug delivery system. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 438, 85-94.	2.3	33
22	Na ₂ EDTA: an efficient, green and reusable catalyst for the synthesis of biologically important spirooxindoles, spiroacenaphthylenes and spiro-2-amino-4H-pyrans under solvent-free conditions. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 2117-2125.	2.2	20
23	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
24	Efficient Synthesis of 5-Carboxanilide-Dihydropyrimidinones Using Cobalt(II) Nitrate Hexahydrate. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 481-485.	1.4	3
25	Nanomagnetically modified thioglycolic acid ($\text{Fe}_2\text{O}_3/\text{SiO}_2/\text{SCH}_2\text{CO}_2\text{H}$): Efficient and reusable green catalyst for the one-pot domino synthesis of spiro[benzo[a]benzo[6,7]chromeno[2,3-c]phenazine] and benzo[a]benzo[6,7]chromeno[2,3-c]phenazines. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3791.	3.5	13
26	Piperidine-Promoted Three-Component Condensation: Synthesis of Chromene Heterocycles and Pyrazolotriazoles. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 1259-1269.	1.4	6
27	L-Proline catalyzed domino cyclization for the green synthesis of novel 1,4-dihydrobenzo[a]pyrido[2,3-c]phenazines. <i>Monatshefte für Chemie</i> , 2017, 148, 2135-2142.	1.8	7
28	DABCO-catalyzed multi-component domino reactions for the one-pot efficient synthesis of diverse and densely functionalized benzofurans in water. <i>Research on Chemical Intermediates</i> , 2017, 43, 1735-1749.	2.7	14
29	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
30	A rapid, efficient, and green synthesis of benzo[a]chromeno[2,3-c]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
31	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
32	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
33	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
34	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
35	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
36	A green and efficient four-component sequential protocol for the synthesis of novel 16-(aryl)benzo[a]indeno[2,1-b:5,6]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