Afshin Yazdani-Elah-Abadi

List of Publications by Year
in descending order

36 papers	480 citations	687363 13 h-index	752698 20 g-index
36 all docs	36 docs citations	36 times ranked	325 citing authors

#	Article	IF	Citations
1	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. Research on Chemical Intermediates, 2016, 42, 1227-1235.	2.7	44
2	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. Chinese Chemical Letters, 2017, 28, 446-452.	9.0	38
3	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. Journal of Magnetism and Magnetic Materials, 2017, 438, 85-94.	2.3	33
4	Nanomagnetically modified vitamin B₃ (Fe₃O₄@Niacin): An efficient and reusable green biocatalyst for microwaveâ€assisted rapid synthesis of 2â€aminoâ€3â€cyanopyridines in aqueous medium. Applied Organometallic Chemistry, 2018, 32, e4103.	3.5	31
5	Theophylline as the catalyst for the diastereoselective synthesis of trans-1,2-dihydrobenzo[a]furo[2,3-c]phenazines in water. RSC Advances, 2016, 6, 84326-84333.	3.6	30
6	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. Research on Chemical Intermediates, 2016, 42, 5915-5926.	2.7	29
7	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. Chinese Chemical Letters, 2017, 28, 1340-1344.	9.0	26
8	DABCO-catalyzed multi-component domino reactions for green and efficient synthesis of novel 3-oxo-3 H -benzo[a]pyrano[2,3- c]phenazine-1-carboxylate and 3-(5-hydroxybenzo[a) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457 Td (]p	9.0	24
9	Na2EDTA: an efficient, green and reusable catalyst for the synthesis of biologically important spirooxindoles, spiroacenaphthylenes and spiro-2-amino-4H-pyrans under solvent-free conditions. Journal of the Iranian Chemical Society, 2017, 14, 2117-2125.	2.2	20
10	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. Journal of Chemical Research, 2016, 40, 722-726.	1.3	17
11	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. Research on Chemical Intermediates, 2016, 42, 6039-6048.	2.7	17
12	One-Pot, Sequential Four-Component Synthesis of Benzo[a]chromeno[2,3-c]phenazine Derivatives Using SiO₂â€“SO₃H as an Efficient and Recoverable Catalyst Under Conventional Heating and Microwave Irradiation. Polycyclic Aromatic Compounds, 2018, 38, 92-101.	2.6	17
13	A green and efficient four-component sequential protocol for the synthesis of novel 16-(aryl)benzo[a]indeno[2â€²,1â€²:5,6]pyrano[2,3-c]phenazin-15(16H)-one derivatives using oxalic acid as a reusable and cost-effective organic catalyst. Research on Chemical Intermediates, 2016, 42, 7121-7132.	2.7	15
14	DABCO-catalyzed multi-component domino reactions for the one-pot efficient synthesis of diverse and densely functionalized benzofurans in water. Research on Chemical Intermediates, 2017, 43, 1735-1749.	2.7	14
15	Nanomagnetically modified thioglycolic acid (Î³â€Fe 2 O 3 @SiO 2 â€SCH 2 CO 2 H): Efficient and reusable green catalyst for the oneâ€pot domino synthesis of spiro[benzo[a]benzo[6,7]chromeno[2,3â€•c]phenazine] and benzo[a]benzo[6,7]chromeno[2,3â€•c]phenazines. Applied Organometallic Chemistry, 2017, 31, e3791.	3.5	13
16	Lactic Acid: An Efficient and Green Catalyst for the One-Pot Five-Components Synthesis of Highly Substituted Piperidines. Polycyclic Aromatic Compounds, 2018, 38, 322-328.	2.6	13
17	Microwave-assisted Domino Cyclization for the Synthesis of Novel Spiro-benzo[a]phenazine Annulated Heterocycles Catalyzed by a Basic Ionic Liquid. Journal of the Chinese Chemical Society, 2017, 64, 690-698.	1.4	11
18	Green synthesis of novel pyrazoloâ€fused benzophenazines using H₃PW₁₂O₄₀ as efficient and recyclable catalyst under microwave irradiation. Journal of the Chinese Chemical Society, 2018, 65, 1259-1265.	1.4	10

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19	A Rapid and Highly Efficient Microwave-Promoted Four-Component Domino Reaction for the Synthesis of Novel Spiro[benzo[a]chromeno[2,3-c]phenazine] Derivatives Under Solvent-Free Conditions. Polycyclic Aromatic Compounds, 2019, 39, 148-158.	2.6	8
20	Fulvic Acid: An Efficient and Green Catalyst for the One-pot Four-component Domino Synthesis of Benzo[a]phenazine Annulated Heterocycles in Aqueous Medium. Organic Preparations and Procedures International, 2020, 52, 48-55.	1.3	8
21	l-Proline catalyzed domino cyclization for the green synthesis of novel 1,4-dihydrobenzo[a]pyrido[2,3-c]phenazines. Monatshefte FÃ¼r Chemie, 2017, 148, 2135-2142.	1.8	7
22	Microwave-Promoted Facile and Rapid Access to Novel Spirooxindole-furo[2,3-c]pyrazole Derivatives Using Pyridinium Ylide-Assisted Domino Reaction. Polycyclic Aromatic Compounds, 2021, 41, 63-72.	2.6	7
23	An efficient domino one-pot synthesis of novel spirofuran-indenoquinoxalines by vinyltriphenylphosphonium salts. Journal of Chemical Sciences, 2017, 129, 691-698.	1.5	6
24	Piperidineâ€Promoted Threeâ€Component Condensation: Synthesis of Chromene Heterocycles and Pyrazolotriazoles. Journal of the Chinese Chemical Society, 2017, 64, 1259-1269.	1.4	6
25	An Efficient Eco-Friendly Synthesis of Pyran Annulated Heterocyclic Systems under Conventional Heating and Microwave Irradiation in Solvent-Free Conditions. Polycyclic Aromatic Compounds, 2018, 38, 180-188.	2.6	6
26	Nano-Fe₃O₄-Promoted Five-Component Domino Reactions for the Green Synthesis of Novel Benzo[a]phthalazino[2â€²,3â€²:1,2]pyrazolo[3,4-c]phenazines in PEG-400 as an Efficient Eco-Friendly Reaction Medium. Polycyclic Aromatic Compounds, 2020, 40, 268-279.	2.6	6
27	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. Turkish Journal of Chemistry, 2017, 41, 567-576.	1.2	5
28	Microwave Domino Diastereoselective Synthesis of Novel Trans-4,5-Dihydro-1H-Furo[2,3-c]Pyrazoles Using Pyridinium Salts in an Aqueous Medium. Journal of Chemical Research, 2018, 42, 219-223.	1.3	5
29	Synthesis of 1,3-Oxazine-4-thione Derivatives through an Efficient, Rapid and Green Method Catalyzed by L-Proline in Aqueous Medium. Organic Preparations and Procedures International, 2018, 50, 424-431.	1.3	4
30	Efficient Synthesis of 5-Carboxanilide-Dihydropyrimidinones Using Cobalt(II) Nitrate Hexahydrate. Journal of the Chinese Chemical Society, 2017, 64, 481-485.	1.4	3
31	DABCO-catalyzed Five-component Domino Protocol for the Synthesis of Novel Benzo[a]pyrazolo[4â€™,3â€™:5,6]pyrano[2,3-c]phenazines in PEG-400 as an Efficient Green Reaction Medium. Organic Preparations and Procedures International, 2020, 52, 261-273.	1.3	3
32	Mild and Efficient Synthesis of Polysubstituted Phthalimides and Piperidines Catalyzed by DABCO. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 2851-2859.	1.5	2
33	CeCl₃-Catalyzed a Highly Efficient and Eco-friendly Synthesis of New and Densely Functionalized Thiazolo[3,2-a]Pyrimidins via Biginelli-type Reaction. Polycyclic Aromatic Compounds, 2020, 40, 732-742.	2.6	2
34	An Efficient and Green Stereoselective Synthesis of Functionalized 3-Indol-3-yl-oxoindolin-3-yl-3-acrylates via Nano-Fe₃O₄-PromotedÂOne-Pot Four-Component Domino Reactions. Polycyclic Aromatic Compounds, 2020, 40, 76-87.	2.6	1
35	Synthesis of Functionalized Î³-Spiroiminolactones through a One-Pot Three-Component Reaction of Isocyanides, Acetylenic Esters, and 6H-Indeno[1,2-b]pyrido[3,2-e]pyrazin-6-one. Polycyclic Aromatic Compounds, 2020, 40, 214-218.	2.6	0
36	MNPsâ€“PhSO3H: A Sustainable, Recyclable and Eco-Friendly Catalyst Promoting the Green Synthesis of 3-Aminoisoxazolmethylnaphthols Under Solventâ€“Free Conditions. Iranian Journal of Science and Technology, Transaction A: Science, 2020, 44, 1379-1385.	1.5	0