

Shabnam Shaabani

List of Publications by Year in descending order

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52
papers

1,215
citations

393982

19
h-index

395343

33
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58
all docs

58
docs citations

58
times ranked

1548
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioactive Macrocyclic Inhibitors of the PD-1/PD-L1 Immune Checkpoint. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13732-13735.	7.2	131
2	PROTACsâ€“ a game-changing technology. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 1255-1268.	2.5	113
3	A patent review on PD-1/PD-L1 antagonists: small molecules, peptides, and macrocycles (2015-2018). <i>Expert Opinion on Therapeutic Patents</i> , 2018, 28, 665-678.	2.4	105
4	Cobalt(II) phthalocyanine covalently anchored to cellulose as a recoverable and efficient catalyst for the aerobic oxidation of alkyl arenes and alcohols. <i>Journal of Molecular Catalysis A</i> , 2014, 395, 494-499.	4.8	78
5	One-Pot Synthesis of Coumarin-3-carboxamides Containing a Triazole Ring via an Isocyanide-Based Six-Component Reaction. <i>ACS Combinatorial Science</i> , 2014, 16, 176-183.	3.8	47
6	Acoustic Droplet Ejection Enabled Automated Reaction Scouting. <i>ACS Central Science</i> , 2019, 5, 451-457.	5.3	40
7	Cellulose supported manganese dioxide nanosheet catalyzed aerobic oxidation of organic compounds. <i>RSC Advances</i> , 2014, 4, 64419-64428.	1.7	39
8	Automated and accelerated synthesis of indole derivatives on a nano-scale. <i>Green Chemistry</i> , 2019, 21, 225-232.	4.6	36
9	Zinc chloride catalyzed three-component Ugi reaction: synthesis of N-cyclohexyl-2-(2-hydroxyphenylamino)acetamide derivatives. <i>Tetrahedron Letters</i> , 2012, 53, 1641-1644.	0.7	35
10	Two-Step Macrocyclic Synthesis by Classical Ugi Reaction. <i>Journal of Organic Chemistry</i> , 2018, 83, 1441-1447.	1.7	34
11	The Catalytic Enantioselective Ugi Fourâ€“Component Reactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16266-16268.	7.2	32
12	Rapid approach to complex boronic acids. <i>Science Advances</i> , 2019, 5, eaaw4607.	4.7	30
13	Natural hydroxyapatiteâ€“supported MnO ₂ : a green heterogeneous catalyst for selective aerobic oxidation of alkylarenes and alcohols. <i>Applied Organometallic Chemistry</i> , 2016, 30, 772-776.	1.7	26
14	Multicomponent reactionâ€“derived covalent inhibitor space. <i>Science Advances</i> , 2021, 7, .	4.7	24
15	Concise Synthesis of Tetrazole Macrocyclic. <i>Organic Letters</i> , 2017, 19, 5078-5081.	2.4	23
16	Macrocycles: MCR synthesis and applications in drug discovery. <i>Drug Discovery Today: Technologies</i> , 2018, 29, 11-17.	4.0	23
17	Artificial Macrocycles. <i>Synlett</i> , 2018, 29, 1136-1151.	1.0	23
18	A novel one-pot pseudo-five-component condensation reaction towards bifunctional diazepine-tetrazole containing compounds: synthesis of 1H-tetrazolyl-1H-1,4-diazepine-2,3-dicarbonitriles and 1H-tetrazolyl-benzo[b][1,4]diazepines. <i>Molecular Diversity</i> , 2012, 16, 351-356.	2.1	21

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19	Scaffold hopping <i>via</i> ANCHOR.QUERY: β -lactams as potent p53-MDM2 antagonists. <i>MedChemComm</i> , 2017, 8, 1046-1052.	3.5	21
20	Copper(I) oxide nanoparticles supported on magnetic casein as a bio-supported and magnetically recoverable catalyst for aqueous click chemistry synthesis of 1,4-disubstituted 1,2,3-triazoles. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3559.	1.7	20
21	Nanoscale, automated, high throughput synthesis and screening for the accelerated discovery of protein modifiers. <i>RSC Medicinal Chemistry</i> , 2021, 12, 809-818.	1.7	20
22	Highly selective aerobic oxidation of alkyl arenes and alcohols: cobalt supported on natural hydroxyapatite nanocrystals. <i>RSC Advances</i> , 2016, 6, 48396-48404.	1.7	19
23	Direct construction of diverse metallophthalocyanines by manifold substrates in a deep eutectic solvent. <i>Journal of Solid State Chemistry</i> , 2018, 258, 536-542.	1.4	19
24	Combining High-Throughput Synthesis and High-Throughput Protein Crystallography for Accelerated Hit Identification. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18231-18239.	7.2	19
25	Editorial: Isocyanide-Based Multicomponent Reactions. <i>Frontiers in Chemistry</i> , 2019, 7, 918.	1.8	18
26	Automated, Accelerated Nanoscale Synthesis of Iminopyrrolidines. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12423-12427.	7.2	17
27	Ugi Multicomponent Reaction Based Synthesis of Medium-Sized Rings. <i>Organic Letters</i> , 2017, 19, 6176-6179.	2.4	16
28	Isolation and molecular characterization of novel glucarpidases: Enzymes to improve the antibody directed enzyme pro-drug therapy for cancer treatment. <i>PLoS ONE</i> , 2018, 13, e0196254.	1.1	16
29	A One-Pot Synthesis of Oxazepine-Quinazolinone bis-Heterocyclic Scaffolds via Isocyanide-Based Three-Component Reactions. <i>Frontiers in Chemistry</i> , 2019, 7, 623.	1.8	14
30	Vitamin C as a green and robust catalyst for the fast and efficient synthesis of valuable organic compounds via multi-component reactions in water. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1793-1800.	1.2	14
31	Synthesis of functionalized iminolactones via an isocyanide-based three-component reaction. <i>Tetrahedron</i> , 2011, 67, 3624-3630.	1.0	13
32	NaBrO ₃ /guanidinium-based sulfonic acid: as a transition metal- and strong inorganic acid-free oxidation system for alcohols and alkyl arenes. <i>New Journal of Chemistry</i> , 2016, 40, 2079-2082.	1.4	12
33	Guanidinium-based sulfonic acid as a new Brønsted acid organocatalyst in organic synthesis in water. <i>Research on Chemical Intermediates</i> , 2016, 42, 2845-2855.	1.3	11
34	A two-step synthesis of 1,5-disubstituted tetrazoles containing a siloxy or sulfonamide group. <i>Tetrahedron Letters</i> , 2011, 52, 5930-5933.	0.7	10
35	Sustainability by design: automated nanoscale 2,3,4-trisubstituted quinazoline diversity. <i>Green Chemistry</i> , 2020, 22, 2459-2467.	4.6	10
36	Guanidinium-based sulfonic acid: an efficient Brønsted acid organocatalyst for the synthesis of fused polycyclic dihydropyridines in water. <i>Research on Chemical Intermediates</i> , 2016, 42, 7247-7256.	1.3	9

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37	Vitamin B ₁₂ supported on graphene oxide: As a bio-based catalyst for selective aerobic oxidation of alcohols. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4510.	1.7	9
38	Post-modification of phthalocyanines via isocyanide-based multicomponent reactions: Highly dispersible peptidomimetic metallophthalocyanines as potent photosensitizers. <i>Dyes and Pigments</i> , 2019, 166, 49-59.	2.0	9
39	A novel one-pot pseudo five-component isocyanide-based reaction: synthesis of 2,6-bis(alkylamino)-benzofuro[5,6-b]furan-4,8-dione derivatives. <i>Tetrahedron Letters</i> , 2012, 53, 7085-7087.	0.7	8
40	Three-component reaction of isocyanide with dialkyl acetylenedicarboxylate and alkyl mercaptan: preparation of new derivatives of stable ketenimines. <i>Journal of Sulfur Chemistry</i> , 2015, 36, 117-123.	1.0	6
41	Natural hydroxyapatite supported cobalt tetrasulfophthalocyanine: a green, renewable and biomaterial-based heterogeneous catalyst for selective aerobic oxidation of alkyl arenes and alcohols. <i>RSC Advances</i> , 2016, 6, 97367-97375.	1.7	6
42	Atypical Ugi™ tetrazoles. <i>Chemical Communications</i> , 2020, 56, 1799-1802.	2.2	6
43	Multi-walled carbon nanotubes sulfuric acid as a reusable heterogeneous solid acid catalyst for the rapid synthesis of imidazo[1,2-a]pyridines. <i>Research on Chemical Intermediates</i> , 2015, 41, 2377-2383.	1.3	5
44	KMnO ₄ /guanidinium-based sulfonic acid: as an efficient Brønsted acid organocatalyst for the selective oxidation of organic compounds. <i>Journal of Sulfur Chemistry</i> , 2018, 39, 367-379.	1.0	5
45	A Passerini-Type Condensation: A Carboxylic Acid-Free Approach for the Synthesis of the α-Acyloxy-carboxamides. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2013, 16, 858-864.	0.6	5
46	Biphenyl Ether Analogs Containing Pomalidomide as Small-Molecule Inhibitors of the Programmed Cell Death-1/Programmed Cell Death-Ligand 1 Interaction. <i>Molecules</i> , 2022, 27, 3454.	1.7	5
47	Synthesis of furan-fused quinoxaline tetracyclic scaffolds via a three-component isocyanide-based reaction. <i>Research on Chemical Intermediates</i> , 2016, 42, 4109-4120.	1.3	3
48	Automated, Accelerated Nanoscale Synthesis of Iminopyrrolidines. <i>Angewandte Chemie</i> , 2020, 132, 12523-12527.	1.6	3
49	A bagasse-supported magnetic manganese dioxide nanoparticle: applications in the selective aerobic oxidation of alcohols and one-pot tandem oxidative synthesis of quinazolinones. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 2601-2615.	1.2	3
50	Synthesis, characterization, and catalytic activity of three cobalt-based nanoparticle catalysts supported on guanidineacetic acid-functionalized cellulose. <i>Monatshefte für Chemie</i> , 2017, 148, 2079-2090.	0.9	1
51	Synthesis of imidazolium zwitterions via an efficient one-pot three-component synthetic protocol. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 513-519.	1.2	1
52	Combining High-Throughput Synthesis and High-Throughput Protein Crystallography for Accelerated Hit Identification. <i>Angewandte Chemie</i> , 2021, 133, 18379-18387.	1.6	1