

Hitendra M Patel

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

590
citations

471509

17
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

290
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydroxyl alkyl ammonium ionic liquid assisted green and one-pot regioselective access to functionalized pyrazolodihydropyridine core and their pharmacological evaluation. <i>Bioorganic Chemistry</i> , 2019, 86, 137-150.	4.1	56
2	Green approach for synthesis of bioactive Hantzsch 1,4-dihydropyridine derivatives based on thiophene moiety via multicomponent reaction. <i>Royal Society Open Science</i> , 2017, 4, 170006.	2.4	46
3	A Practical Green Visit to the Functionalized [1,2,4]Triazolo[5,1- <i>b</i>]quinazolin(4 <i>H</i>)one Scaffolds Using the Group-Assisted Purification (GAP) Chemistry and Their Pharmacological Testing. <i>ChemistrySelect</i> , 2019, 4, 1031-1041.	1.5	40
4	Anti-Proliferative 1,4-Dihydropyridine and Pyridine Derivatives Synthesized through a Catalyst-Free, One-Pot Multi-Component Reaction. <i>ChemistrySelect</i> , 2018, 3, 12163-12168.	1.5	38
5	Trimethylglycine-Betaine-Based-Catalyst-Promoted Novel and Eco-compatible Pseudo-Four-Component Reaction for Regioselective Synthesis of Functionalized 6,8-Dihydro-1 <i>H</i> ,5 <i>H</i> -spiro[[1,3]dioxolo[4,5- <i>g</i>]quinoline-7,5- <i>pyrimidine</i>]-2,4,6-trione Derivatives. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 18667-18676.	3.7	37
6	Synthesis, Molecular Docking and Biological Evaluation of Mannich Products Based on Thiophene Nucleus using Ionic Liquid. <i>Letters in Drug Design and Discovery</i> , 2018, 16, 119-126.	0.7	34
7	A novel substrate directed multicomponent reaction for the syntheses of tetrahydro-spiro[pyrazolo[4,3- <i>f</i>]quinoline]-8,5- <i>pyrimidines</i> and tetrahydro-pyrazolo[4,3- <i>f</i>]pyrimido[4,5- <i>b</i>]quinolines via selective multiple C-C bond formation under metal-free conditions. <i>RSC Advances</i> , 2020, 10, 19600-19609.	3.6	32
8	Facile Synthesis and Biological Evaluation of New Mannich Products as Potential Antibacterial, Antifungal and Antituberculosis Agents: Molecular Docking Study. <i>Current Bioactive Compounds</i> , 2016, 13, 47-58.	0.5	30
9	Pyridine-2-carboxylic acid as an effectual catalyst for rapid multi-component synthesis of pyrazolo[3,4- <i>b</i>]quinolinones. <i>RSC Advances</i> , 2020, 10, 35499-35504.	3.6	28
10	Synthesis, Characterizations and Microbial Studies of Novel Mannich Products Using Multicomponent Reactions. <i>Current Bioactive Compounds</i> , 2018, 14, 278-288.	0.5	26
11	One-Pot Assembly for Synthesis of 1,4-Dihydropyridine Scaffold and Their Biological Applications. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 1495-1505.	2.6	25
12	Impact of an aryl bulky group on a one-pot reaction of aldehyde with malononitrile and <i>N</i> -substituted 2-cyanoacetamide. <i>RSC Advances</i> , 2019, 9, 28886-28893.	3.6	25
13	Synthesis, crystal structure and <i>in silico</i> studies of novel 2,4-dimethoxy-tetrahydropyrimido[4,5- <i>b</i>]quinolin-6(7 <i>H</i>)-ones. <i>RSC Advances</i> , 2022, 12, 18806-18820.	3.6	25
14	Synthesis and application of new mordent and disperse azo dyes based on 2,4-dihydroxybenzophenone. <i>Journal of the Serbian Chemical Society</i> , 2007, 72, 119-127.	0.8	23
15	Synthesis, characterization and dyeing assessment of novel acid azo dyes and mordent acid azo dyes based on 2-hydroxy-4-methoxybenzophenone-5-sulfonic acid on wool and silk fabrics. <i>Journal of Saudi Chemical Society</i> , 2014, 18, 507-512.	5.2	23
16	Synthesis of New Mannich Products Bearing Quinoline Nucleous Using Reusable Ionic Liquid and Antitubercular Evaluation. <i>Green and Sustainable Chemistry</i> , 2015, 05, 137-144.	1.2	22
17	Synthesis and <i>in vitro</i> study of antiproliferative benzyloxy dihydropyrimidinones. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000466.	4.1	19
18	Synthesis, characterization and dyeing assessment of novel acid azo dyes and mordent acid azo dyes based on 2-hydroxy-4-methoxybenzophenone on wool and silk fabrics. <i>Journal of the Serbian Chemical Society</i> , 2010, 75, 605-614.	0.8	12

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19	Syrbactin-class dual constitutive- and immuno-proteasome inhibitor TIR-199 impedes myeloma-mediated bone degeneration <i>in vivo</i> . <i>Bioscience Reports</i> , 2022, 42, .	2.4	12
20	Synthesis, characterization and dyeing behavior of heterocyclic acid dyes and mordent acid dyes on wool and silk fabrics. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 1551-1560.	0.8	11
21	Studies on Dyeing Performance of Novel Acid Azo Dyes and Mordent Acid Azo Dyes Based on 2,4-Dihydroxybenzophenone. <i>E-Journal of Chemistry</i> , 2009, 6, 315-322.	0.5	7
22	Synthesis, Characterization and Printing Application of Solvent Dyes Based on 2-Hydroxy-4-n-octyloxybenzophenone. <i>E-Journal of Chemistry</i> , 2011, 8, 615-620.	0.5	5
23	Synthesis, Characterization and Dyeing Behaviour of Heterocyclic Acid and Mordent Dyes on Wool and Silk Fabrics. <i>Procedia Engineering</i> , 2013, 51, 363-370.	1.2	5
24	Synthesis, antimicrobial activity and absorption studies of some novel heterocyclic dyes based on 4-hexylbenzene-1,3-diol. <i>European Journal of Chemistry</i> , 2012, 3, 44-50.	0.6	5
25	Design, synthesis and biological evaluation of new Mannich products using ethyl ammonium nitrate as reusable ionic liquid. <i>IOSR Journal of Applied Chemistry</i> , 2014, 7, 40-47.	0.2	1