

Parvinder Pal Singh

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Stereoselective Synthesis of Nonpsychotic Natural Cannabidiol and Its Unnatural/Terpenyl/Tail-Modified Analogues. <i>Journal of Organic Chemistry</i> , 2022, 87, 4489-4498.	3.2	13
2	Functionalized Nitroimidazole Scaffold Construction and Their Pharmaceutical Applications: A 1950â€“2021 Comprehensive Overview. <i>Pharmaceuticals</i> , 2022, 15, 561.	3.8	9
3	TCT-mediated click chemistry for the synthesis of nitrogen-containing functionalities: conversion of carboxylic acids to carbamides, carbamates, carbamothioates, amides and amines. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 4942-4948.	2.8	4
4	Functionalization of Alkynes and Alkenes Using a Cascade Reaction Approach: Synthesis of Î²-Keto Sulfones under Metal-free Conditions. <i>Journal of Organic Chemistry</i> , 2020, 85, 716-725.	3.2	38
5	High-throughput screening of compounds library to identify novel inhibitors against latent <i>Mycobacterium tuberculosis</i> using streptomycin-dependent <i>Mycobacterium tuberculosis</i> 18b strain as a model. <i>Tuberculosis</i> , 2020, 124, 101958.	1.9	4
6	A concise and sequential synthesis of the nitroimidazooxazole based drug, Delamanid and related compounds. <i>RSC Advances</i> , 2020, 10, 17085-17093.	3.6	5
7	Total Synthesis of Phospholipomannan of <i>Candida albicans</i> . <i>Journal of Organic Chemistry</i> , 2020, 85, 7757-7771.	3.2	8
8	Potential Inhibitors Against NDM-1 Type Metallo-Î²-Lactamases: An Overview. <i>Microbial Drug Resistance</i> , 2020, 26, 1568-1588.	2.0	12
9	Effect of Natural Phenolics on Pharmacokinetic Modulation of Bedaquiline in Rat to Assess the Likelihood of Potential Foodâ€“Drug Interaction. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 1257-1265.	5.2	18
10	Câ€“H Arylation of <i>N</i> -Heteroarenes under Metal-Free Conditions and its Application towards the Synthesis of Pentabromo- and Pentachloropseudilins. <i>European Journal of Organic Chemistry</i> , 2019, 3591-3598.	2.4	6
11	Assessment of preclinical drug interactions of bedaquiline by a highly sensitive LC-ESI-MS/MS based bioanalytical method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1112, 48-55.	2.3	14
12	Metal-free, room temperature, acid-K ₂ S ₂ O ₈ mediated method for the nitration of olefins: an easy approach for the synthesis of nitroolefins. <i>RSC Advances</i> , 2019, 9, 30428-30431.	3.6	9
13	Present drug-likeness filters in medicinal chemistry during the hit and lead optimization process: how far can they be simplified?. <i>Drug Discovery Today</i> , 2018, 23, 605-615.	6.4	77
14	Physicochemical, pharmacokinetic, efficacy and toxicity profiling of a potential nitrofuranyl methyl piperazine derivative IIM-MCD-211 for oral tuberculosis therapy via in-silico â€“ in-vitro â€“ in-vivo approach. <i>Pulmonary Pharmacology and Therapeutics</i> , 2018, 48, 151-160.	2.6	22
15	Room Temperature Metal-Catalyzed Oxidative Acylation of Electron-Deficient Heteroarenes with Alkynes, Its Mechanism, and Application Studies. <i>Journal of Organic Chemistry</i> , 2018, 83, 12420-12431.	3.2	25
16	Metal-free Cross-Dehydrogenative Coupling of <i>N</i> -azoles with Î±-C(sp ³)-H Amides via Câ€“H Activation and Its Mechanistic and Application Studies. <i>Journal of Organic Chemistry</i> , 2017, 82, 1000-1012.	3.2	41
17	Fusion of Structure and Ligand Based Methods for Identification of Novel CDK2 Inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2017, 57, 1957-1969.	5.4	21
18	Design of Novel 3-Pyrimidinylazaindole CDK2/9 Inhibitors with Potent In Vitro and In Vivo Antitumor Efficacy in a Triple-Negative Breast Cancer Model. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9470-9489.	6.4	39

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19	Metal free C-H functionalization of diazines and related heteroarenes with organoboron species and its application in the synthesis of a CDK inhibitor, meriolin 1. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4312-4320.	2.8	18
20	Synthesis and immunopotentiating activity of novel isoxazoline functionalized coumarins. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 90-104.	5.5	11
21	2×2 Aqueous TBHP-Catalyzed Coupling of Amides with Methylarenes/Aldehydes/Alcohols: Metal-Free Synthesis of Imides. <i>Organic Letters</i> , 2016, 18, 3638-3641.	4.6	44
22	Metal-Free, Phosphonium Salt-Mediated Sulfoximation of Azine $\langle i \rangle N \langle /i \rangle$ -Oxides: Approach for the Synthesis of $\langle i \rangle N \langle /i \rangle$ -Azine Sulfoximines. <i>Journal of Organic Chemistry</i> , 2016, 81, 5886-5894.	3.2	42
23	Development and validation of a highly sensitive LC-MS/MS-ESI method for quantification of IIIIM-019 A novel nitroimidazole derivative with promising action against Tuberculosis: Application to drug development. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 26-33.	2.8	3
24	Regioselective Oxidative C-H Phosphonation of Imidazo[1,2-a]pyridines and Related Heteroarenes Mediated by Manganese(III) Acetate. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6526-6533.	2.4	58
25	Synthesis of new generation triazolyl- and isoxazolyl-containing 6-nitro-2,3-dihydroimidazooxazoles as anti-TB agents: in vitro, structure-activity relationship, pharmacokinetics and in vivo evaluation. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3610-3624.	2.8	23
26	Cross-Dehydrogenative Coupling of Azoles with $\hat{I} \pm C(sp^3) \hat{H}$ of Ethers and Thioethers under Metal-Free Conditions: Functionalization of $\hat{H} \hat{N}$ Azoles via C-H Activation. <i>Journal of Organic Chemistry</i> , 2015, 80, 1929-1936.	3.2	72
27	Transbilayer Lipid Interactions Mediate Nanoclustering of Lipid-Anchored Proteins. <i>Cell</i> , 2015, 161, 581-594.	28.9	333
28	Nitrofuranyl Methyl Piperazines as New Anti-TB Agents: Identification, Validation, Medicinal Chemistry, and PK Studies. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 1041-1046.	2.8	33
29	Synthesis and Biological Evaluation of Polar Functionalities Containing Nitrodihydroimidazooxazoles as Anti-TB Agents. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 1059-1064.	2.8	12
30	Cross-dehydrogenative coupling of $\hat{I} \pm C(sp^3) \hat{H}$ of ethers/alkanes with $C(sp^2) \hat{H}$ of heteroarenes under metal-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11341-11350.	2.8	57
31	Synthesis and biological evaluation of substituted N-alkylphenyl-3,5-dinitrobenzamide analogs as anti-TB agents. <i>MedChemComm</i> , 2014, 5, 521.	3.4	7
32	Intramolecular aglycon delivery for $(1 \rightarrow 2)$ -mannosylation: towards the synthesis of phospholipomannan of <i>Candida albicans</i> . <i>Tetrahedron Letters</i> , 2014, 55, 2945-2947.	1.4	17
33	Synthesis of non-hydrolysable mimics of glycosylphosphatidylinositol (GPI) anchors. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1163.	2.8	8
34	Cu-Mn spinel oxide catalyzed synthesis of imidazo[1,2-a]pyridines through domino three-component coupling and 5-exo-dig cyclization in water. <i>RSC Advances</i> , 2013, 3, 20869.	3.6	45
35	Synthesis of novel lipidated iridoid glycosides as vaccine adjuvants: 6-O-Palmitoyl Agnuside elicit strong Th1 and Th2 response to ovalbumin in mice. <i>International Immunopharmacology</i> , 2013, 17, 593-600.	3.8	3
36	Iron-catalyzed Cross-Coupling of Electron-Deficient Heterocycles and Quinone with Organoboron Species via Innate C-H Functionalization: Application in Total Synthesis of Pyrazine Alkaloid Botryllazine A. <i>Journal of Organic Chemistry</i> , 2013, 78, 2639-2648.	3.2	100

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37	Cu ^{II} /Mn Spinel Oxide Catalyzed Regioselective Halogenation of Phenols and <i>N</i> -Heteroarenes. <i>Journal of Organic Chemistry</i> , 2012, 77, 5823-5828.	3.2	48
38	Iron oxide mediated direct C-H arylation/alkylation at α -position of cyclic aliphatic ethers. <i>Chemical Communications</i> , 2011, 47, 5852.	4.1	55
39	Synthesis of new fluorescently labeled glycosylphosphatidylinositol (GPI) anchors. <i>Tetrahedron Letters</i> , 2011, 52, 4277-4279.	1.4	13