Prem M S Chauhan

List of Publications by Year
in descending order

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82	3,565	87888	144013
papers	citations	38 h-index	57 g-index

95	95	95	3983
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PPh 3 Catalyzed Postâ€Transformation Ugiâ€4CR Intramolecular Cyclization Reaction: Oneâ€Pot Synthesis of Functionalized Spiropyrrolidinochromanones. ChemistrySelect, 2021, 6, 1216-1222.	1.5	1
2	Copperâ€Mediated Intramolecular Oxidative Î±â€Functionalization of Ugi Precursor: An Efficient Synthesis of Highly Functionalized 2Hâ€Benzo[e][1,3]oxazinâ€4(3H)â€one Derivatives. ChemistrySelect, 2020, 5, 6780-6785.	1.5	3
3	Discovery of a tetrazolyl Î²-carboline with in vitro and in vivo osteoprotective activity under estrogen-deficient conditions. MedChemComm, 2018, 9, 1213-1225.	3.4	4
4	gem -Dithioacetylated indole derivatives as novel antileishmanial agents. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4643-4646.	2.2	14
5	An insight into tetrahydro-Î²-carbolineâ€“tetrazole hybrids: synthesis and bioevaluation as potent antileishmanial agents. MedChemComm, 2017, 8, 1824-1834.	3.4	25
6	Dual targeting of MDM2 with a novel small-molecule inhibitor overcomes TRAIL resistance in cancer. Carcinogenesis, 2016, 37, 1027-1040.	2.8	17
7	Identification of a diverse indole-2-carboxamides as a potent antileishmanial chemotypes. European Journal of Medicinal Chemistry, 2016, 110, 237-245.	5.5	19
8	Diversity oriented synthesis of Î²-carbolinone and indolo-pyrazinone analogues based on an Ugi four component reaction and subsequent cyclisation of the resulting indole intermediate. RSC Advances, 2016, 6, 21165-21186.	3.6	22
9	N-(7-Chloroquinolinyl-4-aminoalkyl)arylsulfonamides as antimalarial agents: rationale for the activity with reference to inhibition of hemozoin formation. RSC Advances, 2016, 6, 25584-25593.	3.6	14
10	Facile ligand-free Pd-catalyzed tandem Câ€“C/Câ€“N coupling reaction: a novel access to highly diverse tetrazole tag isoindoline derivatives. Tetrahedron Letters, 2015, 56, 5401-5408.	1.4	11
11	Diversity-oriented reconstruction of primitive diketopiperazine-fused tetrahydro-Î²-carboline ring systems via Pictetâ€“Spengler/Ugi-4CR/deprotection-cyclization reactions. RSC Advances, 2015, 5, 102713-102722.	3.6	11
12	Novel Î²-carbolineâ€“quinazolinone hybrid as an inhibitor of Leishmania donovani trypanothione reductase: Synthesis, molecular docking and bioevaluation. MedChemComm, 2015, 6, 351-356.	3.4	34
13	Investigation of Ugi-4CC derived 1H-tetrazol-5-yl-(aryl) methyl piperazinyl-6-fluoro-4-oxo-1,4-dihydroquinoline-3-carboxylic acid: Synthesis, Biology and 3D-QSAR analysis. European Journal of Medicinal Chemistry, 2014, 78, 442-454.	5.5	25
14	Triazino indoleâ€“quinoline hybrid: A novel approach to antileishmanial agents. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 298-301.	2.2	40
15	Design and Synthesis of a New Class of 4â€Aminoquinolinylâ€and 9â€Anilinoacridinyl Schiff Base Hydrazones as Potent Antimalarial Agents. Chemical Biology and Drug Design, 2014, 84, 175-181.	3.2	31
16	Synthesis of biologically active pyridoimidazole/imidazobenzothiazole annulated polyheterocycles using cyanuric chloride in water. RSC Advances, 2014, 4, 26757-26770.	3.6	18
17	Base mediated 7-exo-dig intramolecular cyclization of Ugiâ€“propargyl precursors: a highly efficient and regioselective synthetic approach toward diverse 1,4-benzoxazepine-5(2H)-ones. Organic and Biomolecular Chemistry, 2014, 12, 5346-5350.	2.8	17
18	New class of methyl tetrazole based hybrid of (Z)-5-benzylidene-2-(piperazin-1-yl)thiazol-4(%H)-one as potent antitubercular agents. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4166-4170.	2.2	31

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19	Synthesis of novel Î²-carboline based chalcones with high cytotoxic activity against breast cancer cells. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 2820-2824.	2.2	53
20	Potassium carbonate mediated unusual transformation of 2,3-dihydroquinazolinone via cascade reaction. Tetrahedron Letters, 2013, 54, 6171-6177.	1.4	8
21	Discovery of Triazine Mimetics As Potent Antileishmanial Agents. ACS Medicinal Chemistry Letters, 2013, 4, 1108-1113.	2.8	29
22	Facile synthesis of diverse isoindolinone derivatives via Ugi-4CR followed by Cu-catalyzed deamidative C(sp2)â€“C(sp3) coupling. Tetrahedron Letters, 2013, 54, 1279-1284.	1.4	29
23	Synthesis of Perspicamide A and Related Diverse Analogues: Their Bioevaluation as Potent Antileishmanial Agents. Journal of Organic Chemistry, 2013, 78, 1534-1546.	3.2	29
24	Synthesis and biological evaluation of a new class of 4-aminoquinolineâ€“rhodanine hybrid as potent anti-infective agents. European Journal of Medicinal Chemistry, 2013, 62, 693-704.	5.5	47
25	Discovery of a New Class of Natural Product-Inspired Quinazolinone Hybrid as Potent Antileishmanial agents. Journal of Medicinal Chemistry, 2013, 56, 4374-4392.	6.4	120
26	Synthesis and bioevaluation of novel 4-aminoquinoline-tetrazole derivatives as potent antimalarial agents. European Journal of Medicinal Chemistry, 2013, 66, 69-81.	5.5	61
27	A natural product inspired hybrid approach towards the synthesis of novel pentamidine based scaffolds as potential anti-parasitic agents. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 291-296.	2.2	15
28	Ugi Four-Component Reaction with Tandem Deprotection, Cyclization and Pictet-Spengler Reaction: A Concise Route to N-Fused Polycyclic IndolediÂketopiperazine Alkaloid Analogues. Synlett, 2013, 24, 1291-1297.	1.8	10
29	Expedient Base-Mediated Desulfitative Dimethylamination, Oxidation, or Etherification of 2-(Methylsulfanyl)-3,5-dihydro-4H-imidazol-4-one Scaffolds. Synthesis, 2013, 45, 2405-2412.	2.3	5
30	A Simple and Efficient Microwave-Assisted Synthesis of Substituted Isoindolinone Derivatives via Ligand-Free Pd-Catalyzed Domino C-C/C-N Coupling Reaction. Synlett, 2013, 24, 645-651.	1.8	9
31	A Greener Protocol for Accessing 2,3-Dihydro/spiroquinazolin-4(1H)-ones: Natural Acid-SDS Catalyzed Three-Component Reaction. Synlett, 2012, 23, 2209-2214.	1.8	30
32	Cyanuric Chloride Catalyzed Mild Protocol for Synthesis of Biologically Active Dihydro/Spiro Quinazolinones and Quinazolinone-glycoconjugates. Journal of Organic Chemistry, 2012, 77, 929-937.	3.2	134
33	Discovery of a new class of dithiocarbamates and rhodanine scaffolds as potent antifungal agents: synthesis, biology and molecular docking. MedChemComm, 2012, 3, 1104.	3.4	47
34	Access to Indole- And Pyrrole-Fused Diketopiperazines via Tandem Ugi-4CR/Intramolecular Cyclization and Its Regioselective Ring-Opening by Intermolecular Transamidation. Journal of Organic Chemistry, 2012, 77, 10211-10227.	3.2	25
35	Synthesis of hybrid 4-anilinoquinoline triazines as potent antimalarial agents, their in silico modeling and bioevaluation as Plasmodium falciparumtransketolase and Î²-hematin inhibitors. MedChemComm, 2012, 3, 71-79.	3.4	43
36	A Ligand-Free Pd-Catalyzed Cascade Reaction: An Access to the Highly Diverse Isoquinolin-1(2H)-one Derivatives via Isocyanide and Ugi-MCR Synthesized Amide Precursors. Organic Letters, 2012, 14, 3126-3129.	4.6	81

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37	Skeletal Diverse Synthesis of N-Fused Polycyclic Heterocycles via the Sequence of Ugi-Type MCR and CuI-Catalyzed Coupling/Tandem Pictetâ€“Spengler Reaction. Journal of Organic Chemistry, 2012, 77, 1414-1421.	3.2	86
38	SnCl₂Â·2H₂O: An Efficient Reagent for Selective and Direct Oxidative Desulfurization of Phenylmethylene-2-thiohydantoins to Corresponding Hydantoins. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1404-1410.	1.6	5
39	4-Anilinoquinoline triazines: A novel class of hybrid antimalarial agents. European Journal of Medicinal Chemistry, 2011, 46, 676-690.	5.5	66
40	Synthesis and antibacterial evaluation of novel 8-fluoro Norfloxacin derivatives as potential probes for methicillin and vancomycin-resistant Staphylococcus aureus. European Journal of Medicinal Chemistry, 2011, 46, 1232-1244.	5.5	18
41	Synthesis of 2-(pyrimidin-2-yl)-1-phenyl-2,3,4,9-tetrahydro-1H-Î²-carbolines as antileishmanial agents. European Journal of Medicinal Chemistry, 2010, 45, 3274-3280.	5.5	35
42	Discovery of new 1,3,5-triazine scaffolds with potent activity against Mycobacterium tuberculosis H37Rv. European Journal of Medicinal Chemistry, 2010, 45, 3335-3345.	5.5	53
43	Synthesis and biological evaluation of indolyl glyoxylamides as a new class of antileishmanial agents. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 6191-6194.	2.2	17
44	Synthesis of new 4-aminoquinolines and quinolineâ€“acridine hybrids as antimalarial agents. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 7059-7063.	2.2	69
45	Synthesis and cytotoxicity evaluation of (tetrahydro-Î²-carboline)-1,3,5-triazine hybrids as anticancer agents. European Journal of Medicinal Chemistry, 2010, 45, 2265-2276.	5.5	67
46	Synthesis and biological evaluation of new [1,2,4]triazino[5,6-b]indol-3-ylthio-1,3,5-triazines and [1,2,4]triazino[5,6-b]indol-3-ylthio-pyrimidines against Leishmania donovani. European Journal of Medicinal Chemistry, 2010, 45, 2359-2365.	5.5	53
47	Recent advances in the design and synthesis of heterocycles as anti-tubercular agents. Future Medicinal Chemistry, 2010, 2, 1469-1500.	2.3	36
48	Trioxaquines: Hybrid molecules for the treatment of malaria. Drug News and Perspectives, 2010, 23, 632.	1.5	29
49	Synthesis of oxalamide and triazine derivatives as a novel class of hybrid 4-aminoquinoline with potent antiplasmodial activity. Bioorganic and Medicinal Chemistry, 2009, 17, 6451-6462.	3.0	62
50	Synthesis of novel thiourea, thiazolidinedione and thioparabanic acid derivatives of 4-aminoquinoline as potent antimalarials. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 2570-2573.	2.2	75
51	Substituted quinolinyl chalcones and quinolinyl pyrimidines as a new class of anti-infective agents. European Journal of Medicinal Chemistry, 2009, 44, 2081-2091.	5.5	85
52	Synthesis and antileishmanial activity of novel 2,4,6-trisubstituted pyrimidines and 1,3,5-triazines. European Journal of Medicinal Chemistry, 2009, 44, 2473-2481.	5.5	48
53	Synthesis of 9-anilinoacridine triazines as new class of hybrid antimalarial agents. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6996-6999.	2.2	62
54	Discovery of Novel Antileishmanial Agents in an Attempt to Synthesize Pentamidineâ€“Aplysinopsin Hybrid Molecule. Journal of Medicinal Chemistry, 2009, 52, 5793-5802.	6.4	62

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55	Synthesis of 2-[3-(7-Chloro-quinolin-4-ylamino)-alkyl]-1-(substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (phenyl)-2,3,4 Medicinal Chemistry Letters, 2008, 18, 3306-3309.	2.2	72
56	Synthesis and bioevaluation of hybrid 4-aminoquinoline triazines as a new class of antimalarial agents. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 6530-6533.	2.2	77
57	A one-pot chemoselective S-alkylation and acetylation of thiohydantoins using the alkyl orthoformateâ€“ZnCl2â€“Ac2O reagent system. Tetrahedron Letters, 2008, 49, 5475-5479.	1.4	25
58	Synthesis of marine alkaloid: 8,9-Dihydrocoscinamide B and its analogues as Novel class of antileishmanial agents. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 4075-4079.	2.2	47
59	Facile Synthesis of Pyrazolo[3,4â€d]pyrimidines and Pyrimido[4,5â€d]pyrimidinâ€4â€one Derivatives. Synthetic Communications, 2006, 36, 2963-2973.	2.1	12
60	Syntheses ofÂnew substituted triazino tetrahydroisoquinolines andÂÎ²-carbolines asÂnovel antileishmanial agents1. European Journal of Medicinal Chemistry, 2006, 41, 106-113.	5.5	47
61	Synthesis of 2,4,6-trisubstituted pyrimidine and triazine heterocycles as antileishmanial agents. Bioorganic and Medicinal Chemistry, 2006, 14, 7706-7715.	3.0	76
62	A multicomponent reaction efficiently producing arylmethylene 2-thiohydantoins. Tetrahedron Letters, 2006, 47, 5863-5866.	1.4	23
63	2,4,6-Trisubstituted pyrimidine derivatives as pregnancy interceptive agents. Bioorganic and Medicinal Chemistry, 2005, 13, 1893-1899.	3.0	5
64	Syntheses of novel heterocycles as anticancer agents. Bioorganic and Medicinal Chemistry, 2005, 13, 3513-3518.	3.0	37
65	Synthesis of 2,4,6-trisubstituted pyrimidines as antimalarial agents. Bioorganic and Medicinal Chemistry, 2005, 13, 4645-4650.	3.0	130
66	Synthesis of 4-pyrido-6-aryl-2-substituted amino pyrimidines as a new class of antimalarial agents. Bioorganic and Medicinal Chemistry, 2005, 13, 6226-6232.	3.0	38
67	Dihydropyrido[2,3-d]pyrimidines as a new class of antileishmanial agents. Bioorganic and Medicinal Chemistry, 2005, 13, 6678-6684.	3.0	133
68	Antimalarial activity of 2,4,6-trisubstituted pyrimidines. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 1881-1883.	2.2	37
69	Synthesis of substituted indole derivatives as a new class of antimalarial agents. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 3133-3136.	2.2	89
70	Solid support synthesis of 6-aryl-2-substituted pyrimidin-4-yl phenols as anti-infective agents. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 4923-4926.	2.2	16
71	Synthesis of 2-[3,5-substituted pyrazol-1-yl]-4,6-trisubstituted triazine derivatives as antimalarial agents. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 4957-4960.	2.2	49
72	A small library of trisubstituted pyrimidines as antimalarial and antitubercular agents. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 5218-5221.	2.2	36

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73	Syntheses of 2,4,6-trisubstituted triazines as antimalarial agents. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 531-533.	2.2	112
74	Antimalarial activity and synthesis of new trisubstituted pyrimidines. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 3130-3132.	2.2	41
75	First Report on the Abnormal Dearylation/Alkylation Reaction in Oneâ€Pot Hantzch Synthesis with 6â€Aminoâ€1,3â€Dimethyl Uracil. Synthetic Communications, 2004, 34, 4447-4461.	2.1	22
76	Convenient Dimethylamino Amination in Heterocycles and Aromatics with Dimethylformamide. Synthetic Communications, 2004, 34, 2925-2930.	2.1	39
77	Syntheses of novel antimycobacterial combinatorial libraries of structurally diverse substituted pyrimidines by three-component solid-phase reactions. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 667-669.	2.2	51
78	Present Trends and Future Strategy in Chemotherapy of Malaria. Current Medicinal Chemistry, 2001, 8, 1535-1542.	2.4	161
79	Quinolones:Â Novel Probes in Antifilarial Chemotheraphy+,âŠ¥. Journal of Medicinal Chemistry, 2000, 43, 2275-2279.	6.4	42
80	Potent 1,3-disubstituted-9H-pyrido[3,4-b]indoles as new lead compounds in antifilarial chemotherapy1CDRI Communication No. 5795.1. Bioorganic and Medicinal Chemistry, 1999, 7, 1223-1236.	3.0	39
81	Potent 1,3-Disubstituted-9H-pyrido[3,4-b]indoles as New Lead Compounds in Antifilarial Chemotherapyâ€,â€¡. Journal of Medicinal Chemistry, 1999, 42, 1667-1672.	6.4	56
82	Recent Developments in the Combinatorial Synthesis of Nitrogen Heterocycles Using Solid Phase Technology. Combinatorial Chemistry and High Throughput Screening, 1970, 4, 35-51.	1.1	12