

Ramendra K Singh

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

660
citations

567281

15
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

831
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, antibacterial and antiviral properties of curcumin bioconjugates bearing dipeptide, fatty acids and folic acid. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 1078-1086.	5.5	129
2	Molecular modeling, synthesis, antibacterial and cytotoxicity evaluation of sulfonamide derivatives of benzimidazole, indazole, benzothiazole and thiazole. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3414-3428.	3.0	79
3	4-Aminoquinoline-1,3,5-triazine: Design, synthesis, in vitro antimalarial activity and docking studies. <i>New Journal of Chemistry</i> , 2013, 37, 2654.	2.8	52
4	Antimalarial activity and docking studies of novel bi-functional hybrids derived from 4-aminoquinoline and 1,3,5-triazine against wild and mutant malaria parasites as pf-DHFR inhibitor. <i>RSC Advances</i> , 2013, 3, 2942.	3.6	49
5	Cytoplasmic synthesis of endogenous <i>Alu</i> complementary DNA via reverse transcription and implications in age-related macular degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	36
6	Synthesis, antimalarial activity and molecular docking of hybrid 4-aminoquinoline-1,3,5-triazine derivatives. <i>Experimental Parasitology</i> , 2015, 157, 59-67.	1.2	35
7	Phenyl hydrazone bearing pyrazole and pyrimidine scaffolds: design and discovery of a novel class of non-nucleoside reverse transcriptase inhibitors (NNRTIs) against HIV-1 and their antibacterial properties. <i>RSC Advances</i> , 2013, 3, 17335.	3.6	28
8	Synthesis, antibacterial activity, synergistic effect, cytotoxicity, docking and molecular dynamics of benzimidazole analogues. <i>Computational Biology and Chemistry</i> , 2018, 76, 1-16.	2.3	25
9	Alkylated benzimidazoles: Design, synthesis, docking, DFT analysis, ADMET property, molecular dynamics and activity against HIV and YFV. <i>Computational Biology and Chemistry</i> , 2020, 89, 107400.	2.3	22
10	Anti-HIV potential of diarylpyrimidine derivatives as non-nucleoside reverse transcriptase inhibitors: design, synthesis, docking, TOPKAT analysis and molecular dynamics simulations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 2430-2446.	3.5	20
11	Molecular modeling, QSAR analysis and antimicrobial properties of Schiff base derivatives of isatin. <i>Journal of Molecular Structure</i> , 2021, 1243, 130763.	3.6	19
12	Hybrid phenylthiazole and 1,3,5-triazine target cytosolic leucyl-tRNA synthetase for antifungal action as revealed by molecular docking studies. <i>In Silico Pharmacology</i> , 2013, 1, 3.	3.3	18
13	Synthesis, Docking, <i>In Vitro</i> and <i>In Vivo</i> Antimalarial Activity of Hybrid 4-aminoquinoline-1,3,5-triazine Derivatives Against Wild and Mutant Malaria Parasites. <i>Chemical Biology and Drug Design</i> , 2015, 86, 265-271.	3.2	18
14	Design, synthesis, and molecular dynamics simulation studies of quinoline derivatives as protease inhibitors against SARS-CoV-2. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 10519-10542.	3.5	17
15	Design and anti-HIV activity of arylsulphonamides as non-nucleoside reverse transcriptase inhibitors. <i>Medicinal Chemistry Research</i> , 2016, 25, 2842-2859.	2.4	16
16	Molecular modelling, synthesis and antimicrobial evaluation of benzimidazole nucleoside mimetics. <i>Bioorganic Chemistry</i> , 2021, 115, 105227.	4.1	16
17	Synthesis, docking, ADMET prediction, cytotoxicity and antimicrobial activity of oxathiadiazole derivatives. <i>Computational Biology and Chemistry</i> , 2018, 77, 226-239.	2.3	13
18	Docking, ADMET prediction, DFT analysis, synthesis, cytotoxicity, antibacterial screening and QSAR analysis of diarylpyrimidine derivatives. <i>Journal of Molecular Structure</i> , 2022, 1247, 131400.	3.6	12

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19	Synthesis and in vitro antibacterial activity of schiff bases of N-substituted isatins as effective scaffolds. <i>Medicinal Chemistry Research</i> , 2013, 22, 927-933.	2.4	11
20	Molecular Modeling, Synthesis, and Anti-HIV Activity of Novel Isoindolinedione Analogues as Potent Non-nucleoside Reverse Transcriptase Inhibitors. <i>Chemical Biology and Drug Design</i> , 2016, 87, 200-212.	3.2	9
21	Synthesis, structure-activity relationship and antiviral activity of 3-N,N-dimethylamino-2,3-dideoxythymidine and its prodrugs. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3787-3793.	3.5	7
22	Design, Synthesis, and Antibacterial Activities of Novel Heterocyclic Arylsulphonamide Derivatives. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2018, 10, 748-761.	3.6	7
23	In silico design, synthesis and anti-HIV activity of quinoline derivatives as non-nucleoside reverse transcriptase inhibitors (NNRTIs). <i>Computational Biology and Chemistry</i> , 2022, 98, 107675.	2.3	6
24	DBU Catalysis: An Efficient Synthetic Strategy for 5,7-disubstituted-1,2,4-triazolo[1,5-a]pyrimidines. <i>Current Organic Synthesis</i> , 2020, 17, 73-80.	1.3	4
25	Myristoylated Derivatives of 2,3-didehydro-2,3-dideoxythymidine (stavudine) bi-Functional Prodrugs with Potent Anti-HIV-1 Activity and Low Cytotoxicity. <i>Antiviral Chemistry and Chemotherapy</i> , 2014, 23, 231-235.	0.6	3
26	Green synthesis, antibacterial activity, and SAR of some novel naphthalimides and allylidenes. <i>Medicinal Chemistry Research</i> , 2015, 24, 171-181.	2.4	3
27	Significant role of chemistry in drug development: a systematic journey from traditional to modern approaches with anti-HIV/AIDS drugs as examples. <i>Current Pharmaceutical Design</i> , 2021, 27, .	1.9	3
28	Synthesis and Photophysical Studies on Naphthalimide Derived Fluorophores as Markers in Drug Delivery. <i>Journal of Fluorescence</i> , 2016, 26, 1431-1438.	2.5	2
29	In-vitro Antifungal Activity of Some 1,3,5-triazine Derivatives. <i>Nature Precedings</i> , 2011, , .	0.1	1
30	Photophysical Studies on Drug Conjugates of Stavudine/Zidovudine and 1,8-Naphthalimide in Different Solvent Systems. <i>Asian Journal of Chemistry</i> , 2021, 33, 2729-2736.	0.3	0