

Rikeshwer Prasad Dewangan

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

438
citations

840119

11
h-index

752256

20
g-index

25
all docs

25
docs citations

25
times ranked

588
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, synthesis, docking and QSAR study of substituted benzimidazole linked oxadiazole as cytotoxic agents, EGFR and erbB2 receptor inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 853-869.	2.6	81
2	Synthesis of stable benzimidazole derivatives bearing pyrazole as anticancer and EGFR receptor inhibitors. <i>Bioorganic Chemistry</i> , 2018, 78, 158-169.	2.0	61
3	Recent advances and prospects in gemcitabine drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2021, 592, 120043.	2.6	52
4	The structure of Rv3717 reveals a novel amidase from <i>Mycobacterium tuberculosis</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 2543-2554.	2.5	25
5	Synthesis, antibacterial activity and mode of action of novel linoleic acid dipeptide-spermidine conjugates. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8326.	1.5	23
6	N-Terminally Modified Linear and Branched Spermine Backbone Dipeptidomimetics against Planktonic and Sessile Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5435-5447.	1.4	19
7	N-terminal aromatic tag induced self assembly of tryptophan-arginine rich ultra short sequences and their potent antibacterial activity. <i>RSC Advances</i> , 2015, 5, 68610-68620.	1.7	19
8	Recent advances and SAR study of 2-substituted benzothiazole scaffold based potent chemotherapeutic agents. <i>Results in Chemistry</i> , 2022, 4, 100258.	0.9	18
9	Design and synthesis of cell selective $\Delta\pm/\Delta^2$ -diastereomeric peptidomimetic with potent in vivo antibacterial activity against methicillin resistant <i>S. Aureus</i> . <i>Bioorganic Chemistry</i> , 2018, 76, 538-547.	2.0	16
10	Spermine-Conjugated Short Proline-Rich Lipopeptides as Broad-Spectrum Intracellular Targeting Antibacterial Agents. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 5433-5448.	2.9	14
11	Solid Self-Nano Emulsifying Nanoplatfrom Loaded with Tamoxifen and Resveratrol for Treatment of Breast Cancer. <i>Pharmaceutics</i> , 2022, 14, 1486.	2.0	14
12	Enhancement of vincristine under in vitro culture of <i>Catharanthus roseus</i> supplemented with <i>Alternaria sesami</i> endophytic fungal extract as a biotic elicitor. <i>International Microbiology</i> , 2022, 25, 275-284.	1.1	13
13	Conventional and nanomaterial-based techniques to increase the bioavailability of therapeutic natural products: a review. <i>Environmental Chemistry Letters</i> , 2020, 18, 1767-1778.	8.3	12
14	Cell-Selective Pore Forming Antimicrobial Peptides of the Prodomain of Human Furin: A Conserved Aromatic/Cationic Sequence Mapping, Membrane Disruption, and Atomic-Resolution Structure and Dynamics. <i>ACS Omega</i> , 2018, 3, 14650-14664.	1.6	10
15	Self assembly and hydrogelation of N-terminal modified tetrapeptide for sustained release and synergistic action of antibacterial drugs against methicillin resistant <i>S. aureus</i> . <i>Bioorganic Chemistry</i> , 2020, 102, 104052.	2.0	10
16	Recent Advancement of Pyrazole Scaffold Based Neuroprotective Agents: A Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2022, 21, 940-951.	0.8	10
17	Pharmacophore based drug design and synthesis of oxindole bearing hybrid as anticancer agents. <i>Bioorganic Chemistry</i> , 2021, 116, 105358.	2.0	10
18	Self assembly and hydrogelation of spermine functionalized aromatic peptidomimetics against planktonic and sessile methicillin resistant <i>S. Aureus</i> . <i>RSC Advances</i> , 2016, 6, 112656-112666.	1.7	9

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19	HPLC-UV and spectrofluorimetric methods for simultaneous estimation of fluticasone furoate and vilanterol in rabbit plasma: A pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1132, 121842.	1.2	8
20	Structural Activity Relationship based Medicinal Perspectives of Pyrimidine Derivatives as Anti-Alzheimer's Agents: A Comprehensive Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2022, 21, 926-939.	0.8	8
21	Separation and Identification of Antioxidant and Antihyperglycemic Constituents from <i>Morus alba</i> ; Infusion by TLC-MS-Bioautography and UPLC-MS. <i>Journal of Food and Nutrition Research (Newark, Del)</i> , 2021, 9, 670-690.	0.1	4
22	Cell-penetrating peptide conjugates of indole-3-acetic acid-based DNA primase/Gyrase inhibitors as potent anti-tubercular agents against planktonic and biofilm culture of <i>Mycobacterium smegmatis</i> . <i>Chemical Biology and Drug Design</i> , 2021, 98, 722-732.	1.5	2
23	Biomarker Analysis Based Chemoprofiling of Polyherbal Ayurvedic Formulation Containing <i>Vitis vinifera</i> L. by Validated UPLC-MS/MS Method. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 1784-1794.	0.6	0
24	Structural Activity Relationship based Medicinal Perspectives of Pyrimidine Derivatives as Anti-Alzheimer's Agents: A Comprehensive Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2022, 21, .	0.8	0