Pran Kishore Deb

List of Publications by Year
in descending order

120	1,822	304743	345221
papers	citations	22 h-index	36 g-index

125	125	125	2154
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Experimental Design Approach for Quantitative Expressions of Simultaneous Quantification of Two Binary Formulations Containing Remogliflozin and Gliptins by RP-HPLC. Separations, 2022, 9, 23.	2.4	10
2	Nanomaterials assisted chemo-photothermal therapy for combating cancer drug resistance. Journal of Drug Delivery Science and Technology, 2022, 70, 103164.	3.0	11
3	Progress Report: Antimicrobial Drug Discovery in the Resistance Era. Pharmaceuticals, 2022, 15, 413.	3.8	15
4	Recent insight into the biological activities and SAR of quinolone derivatives as multifunctional scaffold. Bioorganic and Medicinal Chemistry, 2022, 59, 116674.	3.0	19
5	1,2,3-Triazolyl-tetrahydropyrimidine Conjugates as Potential Sterol Carrier Protein-2 Inhibitors: Larvicidal Activity against the Malaria Vector Anopheles arabiensis and In Silico Molecular Docking Study. Molecules, 2022, 27, 2676.	3.8	5
6	Environmental sustainable mathematically processed UV spectroscopic methods for quality control analysis of remogliflozin and teneligliptin: Evaluation of greenness and whiteness. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 278, 121303.	3.9	7
7	Novel Therapies for the Treatment of Neuropathic Pain: Potential and Pitfalls. Journal of Clinical Medicine, 2022, 11, 3002.	2.4	19
8	Thiazole: A Versatile Standalone Moiety Contributing to the Development of Various Drugs and Biologically Active Agents. Molecules, 2022, 27, 3994.	3.8	43
9	Antitubercular, Cytotoxicity, and Computational Target Validation of Dihydroquinazolinone Derivatives. Antibiotics, 2022, 11, 831.	3.7	5
10	Selective COX-2 Inhibitors: Road from Success to Controversy and the Quest for Repurposing. Pharmaceuticals, 2022, 15, 827.	3.8	23
11	Synthesis, characterization and larvicidal activity of novel benzylidene derivatives of fenobam and its thio analogues with crystal insight. Journal of Molecular Structure, 2021, 1226, 129386.	3.6	2
12	In vitro anti-TB properties, in silico target validation, molecular docking and dynamics studies of substituted 1,2,4-oxadiazole analogues against Mycobacterium tuberculosis. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 869-884.	5.2	19
13	Heparanase Inhibitors in Cancer Progression: Recent Advances. Current Pharmaceutical Design, 2021, 27, 43-68.	1.9	7
14	Neurological Consequences of SARS-CoV-2 Infection and Concurrence of Treatment-Induced Neuropsychiatric Adverse Events in COVID-19 Patients: Navigating the Uncharted. Frontiers in Molecular Biosciences, 2021, 8, 627723.	3.5	37
15	4-Aryl-1,4-Dihydropyridines as Potential Enoyl-Acyl Carrier Protein Reductase Inhibitors: Antitubercular Activity and Molecular Docking Study. Current Topics in Medicinal Chemistry, 2021, 21, 295-306.	2.1	8
16	Perspectives on RNA Vaccine Candidates for COVID-19. Frontiers in Molecular Biosciences, 2021, 8, 635245.	3.5	44
17	Tuberculosis: An Update on Pathophysiology, Molecular Mechanisms of Drug Resistance, Newer Anti-TB Drugs, Treatment Regimens and Host- Directed Therapies. Current Topics in Medicinal Chemistry, 2021, 21, 547-570.	2.1	14
18	Crystallography, Molecular Modeling, and COX-2 Inhibition Studies on Indolizine Derivatives. Molecules, 2021, 26, 3550.	3.8	10

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19	Synthesis, structural elucidation and larvicidal activity of novel arylhydrazones. Journal of Molecular Structure, 2021, 1236, 130305.	3.6	3
20	Microarray-based identification of differentially expressed genes associated with andrographolide derivatives-induced resistance in colon and prostate cancer cell lines. Toxicology and Applied Pharmacology, 2021, 425, 115605.	2.8	2
21	ADMET Profiling in Drug Discovery and Development: Perspectives of In Silico, In Vitro and Integrated Approaches. Current Drug Metabolism, 2021, 22, 503-522.	1.2	37
22	Anticancer Activity and In Silico ADMET Properties of 2,4,5-Trisubstitutedthiazole Derivatives. Current Drug Metabolism, 2021, 22, 532-536.	1.2	3
23	Anti-tubercular activity and molecular docking studies of indolizine derivatives targeting mycobacterial InhA enzyme. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1471-1486.	5.2	23
24	Current strategies in targeted anticancer drug delivery systems to brain. , 2021, , 267-280.		0
25	Overview of different carrier systems for advanced drug delivery. , 2020, , 179-233.		15
26	Strategies for pulmonary delivery of drugs. , 2020, , 85-129.		3
27	Aerosols in pharmaceutical product development. , 2020, , 521-577.		6
28	Evolving nanoformulation strategies for diagnosis and clinical interventions for Parkinsonâ€™s disease. Drug Discovery Today, 2020, 25, 392-405.	6.4	7
29	Molecular signaling of Gâ€proteinâ€coupled receptor in chronic heart failure and associated complications. Drug Development Research, 2020, 81, 23-31.	2.9	12
30	The Beneficial Effect of Boswellic Acid on Bone Metabolism and Possible Mechanisms of Action in Experimental Osteoporosis. Nutrients, 2020, 12, 3186.	4.1	7
31	Adenosine receptor signalling: Probing the potential pathways for the ministration of neuropathic pain. European Journal of Pharmacology, 2020, 889, 173619.	3.5	12
32	Synthesis and evaluation of 2,4,5-trisubstitutedthiazoles as carbonic anhydrase-III inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 1483-1490.	5.2	5
33	Combating the Pandemic COVID-19: Clinical Trials, Therapies and Perspectives. Frontiers in Molecular Biosciences, 2020, 7, 606393.	3.5	21
34	Anti-Tubercular Properties of 4-Amino-5-(4-Fluoro-3- Phenoxyphenyl)-4H-1,2,4-Triazole-3-Thiol and Its Schiff Bases: Computational Input and Molecular Dynamics. Antibiotics, 2020, 9, 559.	3.7	23
35	SARS CoV-2 Organotropism Associated Pathogenic Relationship of Gut-Brain Axis and Illness. Frontiers in Molecular Biosciences, 2020, 7, 606779.	3.5	21
36	In silicoand saturation transfer differenceÂNMR approaches to unravel the binding mode of an andrographolide derivative to K-Ras oncoprotein. Future Medicinal Chemistry, 2020, 12, 1611-1631.	2.3	2

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37	Cytotoxicity and Antimycobacterial Properties of Pyrrolo[1,2-a]quinoline Derivatives: Molecular Target Identification and Molecular Docking Studies. Antibiotics, 2020, 9, 233.	3.7	30
38	Synthesis and characterization of pyrrolo[1,2-a]quinoline derivatives for their larvicidal activity against Anopheles arabiensis. Structural Chemistry, 2020, 31, 1533-1543.	2.0	22
39	Larvicidal Activities of 2-Aryl-2,3-Dihydroquinazolin -4-ones against Malaria Vector Anopheles arabiensis, In Silico ADMET Prediction and Molecular Target Investigation. Molecules, 2020, 25, 1316.	3.8	16
40	Crystallography, in Silico Studies, and In Vitro Antifungal Studies of 2,4,5 Trisubstituted 1,2,3-Triazole Analogues. Antibiotics, 2020, 9, 350.	3.7	13
41	Synthesis and anthelmintic activity of some novel (E)-2-methyl/propyl-4-(2-(substitutedbenzylidene)hydrazinyl)-5,6,7,8-tetrahydrobenzo[4,5]thieno[2,3-d]pyrimidines Medicinal Chemistry Research, 2020, 29, 1600-1610.	2.4	7
42	Pharmacology of Endocannabinoids and Their Receptors. , 2020, , 415-445.		4
43	Pharmacology of Acetylcholine and Cholinergic Receptors. , 2020, , 69-105.		2
44	Current advances in the clinical development of anti-tubercular agents. Tuberculosis, 2020, 125, 101989.	1.9	27
45	Current Scenario and Future Prospect in the Management of COVID-19. Current Medicinal Chemistry, 2020, 28, 284-307.	2.4	23
46	Review of the Phytochemistry and Pharmacological Properties of Valeriana officinalis. Current Traditional Medicine, 2020, 6, 260-277.	0.4	6
47	Exploring the Potential of Carbon Dots to Combat COVID-19. Frontiers in Molecular Biosciences, 2020, 7, 616575.	3.5	39
48	Pharmacology of Serotonin and Its Receptors. , 2020, , 183-212.		1
49	Pharmacology of Adenosine Receptors. , 2020, , 325-359.		0
50	Resealed erythrocytes (RBCs) and their biomedical application. , 2020, , 539-580.		0
51	Drug-Receptor Interactions. , 2020, , 31-68.		0
52	Nanomaterials in Nutraceuticals Applications. Engineering Materials, 2020, , 405-435.	0.6	2
53	Pharmacology of Potassium Channels. , 2020, , 635-681.		0
54	Therapeutic Potentials of Adenosine Receptors: The State of The Art. Current Pharmaceutical Design, 2019, 25, 2789-2791.	1.9	7

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55	P1 Receptor Agonists/Antagonists in Clinical Trials - Potential Drug Candidates of the Future. Current Pharmaceutical Design, 2019, 25, 2792-2807.	1.9	17
56	Medicinal Chemistry and Therapeutic Potential of Agonists, Antagonists and Allosteric Modulators of A1 Adenosine Receptor: Current Status and Perspectives. Current Pharmaceutical Design, 2019, 25, 2697-2715.	1.9	39
57	Progress in the Development of Agonists, Antagonists and Allosteric Modulators of Adenosine Receptors. Current Pharmaceutical Design, 2019, 25, 2695-2696.	1.9	5
58	Pharmaceutical and Biomedical Applications of Polymers. , 2019, , 203-267.		25
59	Protein/Peptide Drug Delivery Systems. , 2019, , 651-684.		14
60	Nanocarriers in Different Preclinical and Clinical Stages. , 2019, , 685-731.		10
61	Recent Updates in the Computer Aided Drug Design Strategies for the Discovery of Agonists and Antagonists of Adenosine Receptors. Current Pharmaceutical Design, 2019, 25, 747-749.	1.9	18
62	Design of Materials and Product Specifications. , 2019, , 1-17.		0
63	Biotechnology-Based Pharmaceutical Products. , 2019, , 153-189.		5
64	Nanotechnology in Tissue Engineering. , 2019, , 225-261.		1
65	Up-to-Date Implications of Nanomaterials in Dental Science. , 2019, , 301-336.		0
66	Biomaterials and Nanoparticles for Hyperthermia Therapy. , 2019, , 375-413.		2
67	Thiolated-Chitosan: A Novel Mucoadhesive Polymer for Better-Targeted Drug Delivery. , 2019, , 459-493.		9
68	Functionalized Carbon Nanotubes for Protein, Peptide, and Gene Delivery. , 2019, , 613-637.		12
69	Molecular modeling approaches for the discovery of adenosine A2B receptor antagonists: current status and future perspectives. Drug Discovery Today, 2019, 24, 1854-1864.	6.4	26
70	7â€Aminoâ€2â€aryl/heteroâ€arylâ€5â€oxoâ€5,8â€dihydro[1,2,4]triazolo[1,5â€a]pyridineâ€6â€carbonitriles: Synthesis and adenosine receptor binding studies. Chemical Biology and Drug Design, 2019, 94, 1568-1573.	3.2	26
71	Dendrimer-Based Nanocarriers in Lung Cancer Therapy. , 2019, , 161-192.		19
72	Herbal Medication and Nutraceuticals for the Management of Anxiety and Depression. Current Psychopharmacology, 2019, 7, 129-148.	0.3	1

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73	Synthesis and adenosine receptors binding studies of new fluorinated analogues of pyrido[2,3-d]pyrimidines and quinazolines. Medicinal Chemistry Research, 2018, 27, 756-767.	2.4	24
74	Molecular dynamics simulation strategies for designing carbon-nanotube-based targeted drug delivery. Drug Discovery Today, 2018, 23, 235-250.	6.4	82
75	Synthesis, adenosine receptor binding and molecular modelling studies of novel thieno[2,3-d]pyrimidine derivatives. Chemical Biology and Drug Design, 2018, 91, 962-969.	3.2	33
76	Applications of Computers in Pharmaceutical Product Formulation. , 2018, , 665-703.		10
77	Package Types for Different Dosage Forms. , 2018, , 553-590.		1
78	Levels of Solid State Properties. , 2018, , 1-30.		0
79	Particulate Level Properties and its Implications on Product Performance and Processing. , 2018, , 155-220.		2
80	Protein and Tissue Binding. , 2018, , 371-399.		2
81	Four Stages of Pharmaceutical Product Development. , 2018, , 637-668.		4
82	Polymorphism and its Implications in Pharmaceutical Product Development. , 2018, , 31-65.		6
83	Basics of Crystallization Process Applied in Drug Exploration. , 2018, , 67-103.		1
84	Role of Amorphous State in Drug Delivery. , 2018, , 105-154.		1
85	Statistical Techniques in Pharmaceutical Product Development. , 2018, , 339-362.		1
86	Package Development of Pharmaceutical Products. , 2018, , 521-552.		1
87	Patents and Other Intellectual Property Rights in Drug Delivery. , 2018, , 705-730.		2
88	Physicochemical Aspects to Be Considered in Pharmaceutical Product Development. , 2018, , 57-83.		4
89	Role of Physicochemical Parameters on Drug Absorption and Their Implications in Pharmaceutical Product Development. , 2018, , 85-116.		3
90	Physicochemical, Pharmaceutical, and Biological Considerations in GIT Absorption of Drugs. , 2018, , 149-178.		12

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91	Influence of Drug Properties and Routes of Drug Administration on the Design of Controlled Release System. , 2018, , 179-223.		7
92	Stability and Degradation Studies for Drug and Drug Product. , 2018, , 225-257.		0
93	First-Pass Metabolism Considerations in Pharmaceutical Product Development. , 2018, , 259-286.		0
94	Dissolution Profile Consideration in Pharmaceutical Product Development. , 2018, , 287-336.		3
95	Preformulation Studies of Drug Substances, Protein, and Peptides. , 2018, , 401-433.		8
96	Scale-Up Studies in Pharmaceutical Products Development. , 2018, , 669-700.		5
97	Formulation Additives Used in Pharmaceutical Products. , 2018, , 773-831.		4
98	Functionalized carbon nanotubes as emerging delivery system for the treatment of cancer. International Journal of Pharmaceutics, 2018, 548, 540-558.	5.2	117
99	Molecular Basis of Binding Interactions of NSAIDs and Computer-Aided Drug Design Approaches in the Pursuit of the Development of Cyclooxygenase-2 (COX-2) Selective Inhibitors. , 2017, , .		7
100	Studentsâ€™ Perceptions of Live Online Virtual e-Problem Based Learning (LOVE-PBL) using Google Hangouts. Education in Medicine Journal, 2017, 9, 31-39.	0.4	9
101	Imidazo[1,2-a]pyridine Scaffold as Prospective Therapeutic Agents. Current Topics in Medicinal Chemistry, 2016, 17, 238-250.	2.1	92
102	Design, Synthesis and Pharmacological Properties of Peptidomimetics. Asian Journal of Chemistry, 2015, 27, 3137-3142.	0.3	4
103	Basic Ionic Liquid [bmIm]OHâ€“Mediated Gewald Reaction as Green Protocol for the Synthesis of 2-Aminothiophenes. Synthetic Communications, 2015, 45, 119-126.	2.1	19
104	in silico Binding Mode Analysis (Molecular Docking Studies) and Absorption, Distribution, Metabolism and Excretion Prediction of Some Novel Inhibitors of Aurora Kinase A in Clinical Trials. Asian Journal of Chemistry, 2014, 26, 6221-6226.	0.3	5
105	Molecular Docking Studies and Comparative Binding Mode Analysis of FDA Approved HIV Protease Inhibitors. Asian Journal of Chemistry, 2014, 26, 6227-6232.	0.3	9
106	Synthesis, evaluation, and molecular docking studies of cycloalkyl/aryl-3,4,5-trimethylgallates as potent non-ulcerogenic and gastroprotective anti-inflammatory agents. Medicinal Chemistry Research, 2014, 23, 87-106.	2.4	12
107	Synthesis, anti-inflammatory evaluation, and docking studies of some new thiazole derivatives. Medicinal Chemistry Research, 2014, 23, 2780-2792.	2.4	43
108	Transesterification of trimethyl orthoacetate: an efficient protocol for the synthesis of 4-alkoxy-2-aminothiophene-3-carbonitriles. Tetrahedron Letters, 2013, 54, 1274-1278.	1.4	10

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109	Antiinflammatory Evaluation and Docking Studies of Some New Thienopyrimidines. Asian Journal of Chemistry, 2013, 25, 10583-10587.	0.3	5
110	Pharmacophore-Based 3D-QSAR Studies of Aromatase Inhibitors. Asian Journal of Chemistry, 2013, 25, 10588-10594.	0.3	5
111	Molecular docking and receptor-specific 3D-QSAR studies of acetylcholinesterase inhibitors. Molecular Diversity, 2012, 16, 803-823.	3.9	36
112	Rapid and Efficient, Microwave-Assisted, Base-Catalyzed Synthesis of Some Novel 2,7-Disubstituted Pyrrolopyrimidinones. Synthetic Communications, 2012, 42, 3103-3111.	2.1	2
113	Synthesis, evaluation and docking studies on 3-alkoxy-4-methanesulfonamido acetophenone derivatives as non ulcerogenic anti-inflammatory agents. European Journal of Medicinal Chemistry, 2012, 49, 397-405.	5.5	23
114	Molecular Modeling Evaluation of Nonâ€Steroidal Aromatase Inhibitors^{â€}. Chemical Biology and Drug Design, 2012, 79, 674-682.	3.2	39
115	QSAR of adenosine receptor antagonists: Exploring physicochemical requirements for binding of pyrazolo[4,3-e]-1,2,4-triazolo[1,5-c]pyrimidine derivatives with human adenosine A3 receptor subtype. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 818-823.	2.2	40
116	Synthesis, anti-inflammatory evaluation and docking studies of some new fluorinated fused quinazolines. European Journal of Medicinal Chemistry, 2010, 45, 4904-4913.	5.5	159
117	Multistep, Microwave Assisted, Solvent Free Synthesis and Antibacterial Activity of 6-Substituted-2,3,4-trihydropyrimido[1,2-c]9,10,11,12-tetrahydrobenzo[b]thieno[3,2-e]pyrimidines. Chemical and Pharmaceutical Bulletin, 2007, 55, 776-779.	1.3	22
118	Synthesis and Antibacterial Activity of Some Novel Triazolothienopyrimidines. Chemical and Pharmaceutical Bulletin, 2007, 55, 557-560.	1.3	16
119	HPA-1a-mediated platelet interaction with monocytes in vitro : involvement of FcÎ³ receptor (FcÎ³R) classes and inhibition by humanised monoclonal anti-FcÎ³RI H22. European Journal of Haematology, 2000, 65, 399-406.	2.2	4
120	Exploring the potential of andrographolide and its derivatives as anti-pancreatic cancer therapeutics: in silico, in vitro, and in vivo approaches. Frontiers in Pharmacology, 0, 9, .	3.5	0