

# Pran Kishore Deb

## List of Publications by Year in descending order

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120  
papers

1,822  
citations

304743

22  
h-index

345221

36  
g-index

125  
all docs

125  
docs citations

125  
times ranked

2154  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, anti-inflammatory evaluation and docking studies of some new fluorinated fused quinazolines. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4904-4913.	5.5	159
2	Functionalized carbon nanotubes as emerging delivery system for the treatment of cancer. <i>International Journal of Pharmaceutics</i> , 2018, 548, 540-558.	5.2	117
3	Imidazo[1,2-a]pyridine Scaffold as Prospective Therapeutic Agents. <i>Current Topics in Medicinal Chemistry</i> , 2016, 17, 238-250.	2.1	92
4	Molecular dynamics simulation strategies for designing carbon-nanotube-based targeted drug delivery. <i>Drug Discovery Today</i> , 2018, 23, 235-250.	6.4	82
5	Perspectives on RNA Vaccine Candidates for COVID-19. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 635245.	3.5	44
6	Synthesis, anti-inflammatory evaluation, and docking studies of some new thiazole derivatives. <i>Medicinal Chemistry Research</i> , 2014, 23, 2780-2792.	2.4	43
7	Thiazole: A Versatile Standalone Moiety Contributing to the Development of Various Drugs and Biologically Active Agents. <i>Molecules</i> , 2022, 27, 3994.	3.8	43
8	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. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 818-823.	2.2	40
9	Molecular Modeling Evaluation of Non-steroidal Aromatase Inhibitors. <i>Chemical Biology and Drug Design</i> , 2012, 79, 674-682.	3.2	39
10	Medicinal Chemistry and Therapeutic Potential of Agonists, Antagonists and Allosteric Modulators of A1 Adenosine Receptor: Current Status and Perspectives. <i>Current Pharmaceutical Design</i> , 2019, 25, 2697-2715.	1.9	39
11	Exploring the Potential of Carbon Dots to Combat COVID-19. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 616575.	3.5	39
12	Neurological Consequences of SARS-CoV-2 Infection and Concurrence of Treatment-Induced Neuropsychiatric Adverse Events in COVID-19 Patients: Navigating the Uncharted. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 627723.	3.5	37
13	ADMET Profiling in Drug Discovery and Development: Perspectives of In Silico, In Vitro and Integrated Approaches. <i>Current Drug Metabolism</i> , 2021, 22, 503-522.	1.2	37
14	Molecular docking and receptor-specific 3D-QSAR studies of acetylcholinesterase inhibitors. <i>Molecular Diversity</i> , 2012, 16, 803-823.	3.9	36
15	Synthesis, adenosine receptor binding and molecular modelling studies of novel thieno[2,3-d]pyrimidine derivatives. <i>Chemical Biology and Drug Design</i> , 2018, 91, 962-969.	3.2	33
16	Cytotoxicity and Antimycobacterial Properties of Pyrrolo[1,2-a]quinoline Derivatives: Molecular Target Identification and Molecular Docking Studies. <i>Antibiotics</i> , 2020, 9, 233.	3.7	30
17	Current advances in the clinical development of anti-tubercular agents. <i>Tuberculosis</i> , 2020, 125, 101989.	1.9	27
18	Molecular modeling approaches for the discovery of adenosine A2B receptor antagonists: current status and future perspectives. <i>Drug Discovery Today</i> , 2019, 24, 1854-1864.	6.4	26

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19	7-Amino-2-aryl/heteroaryl-5,8-dihydro[1,2,4]triazolo[1,5-a]pyridine-6-carbonitriles: Synthesis and adenosine receptor binding studies. <i>Chemical Biology and Drug Design</i> , 2019, 94, 1568-1573.	3.2	26
20	Pharmaceutical and Biomedical Applications of Polymers. , 2019, , 203-267.		25
21	Synthesis and adenosine receptors binding studies of new fluorinated analogues of pyrido[2,3-d]pyrimidines and quinazolines. <i>Medicinal Chemistry Research</i> , 2018, 27, 756-767.	2.4	24
22	Synthesis, evaluation and docking studies on 3-alkoxy-4-methanesulfonamido acetophenone derivatives as non ulcerogenic anti-inflammatory agents. <i>European Journal of Medicinal Chemistry</i> , 2012, 49, 397-405.	5.5	23
23	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. <i>Antibiotics</i> , 2020, 9, 559.	3.7	23
24	Anti-tubercular activity and molecular docking studies of indolizine derivatives targeting mycobacterial InhA enzyme. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1471-1486.	5.2	23
25	Current Scenario and Future Prospect in the Management of COVID-19. <i>Current Medicinal Chemistry</i> , 2020, 28, 284-307.	2.4	23
26	Selective COX-2 Inhibitors: Road from Success to Controversy and the Quest for Repurposing. <i>Pharmaceuticals</i> , 2022, 15, 827.	3.8	23
27	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. <i>Chemical and Pharmaceutical Bulletin</i> , 2007, 55, 776-779.	1.3	22
28	Synthesis and characterization of pyrrolo[1,2-a]quinoline derivatives for their larvicidal activity against <i>Anopheles arabiensis</i> . <i>Structural Chemistry</i> , 2020, 31, 1533-1543.	2.0	22
29	Combating the Pandemic COVID-19: Clinical Trials, Therapies and Perspectives. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 606393.	3.5	21
30	SARS CoV-2 Organotropism Associated Pathogenic Relationship of Gut-Brain Axis and Illness. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 606779.	3.5	21
31	Basic Ionic Liquid [bmIm]OH-Mediated Gewald Reaction as Green Protocol for the Synthesis of 2-Aminothiophenes. <i>Synthetic Communications</i> , 2015, 45, 119-126.	2.1	19
32	Dendrimer-Based Nanocarriers in Lung Cancer Therapy. , 2019, , 161-192.		19
33	<i>In vitro</i> anti-TB properties, <i>in silico</i> target validation, molecular docking and dynamics studies of substituted 1,2,4-oxadiazole analogues against <i>Mycobacterium tuberculosis</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 869-884.	5.2	19
34	Recent insight into the biological activities and SAR of quinolone derivatives as multifunctional scaffold. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 59, 116674.	3.0	19
35	Novel Therapies for the Treatment of Neuropathic Pain: Potential and Pitfalls. <i>Journal of Clinical Medicine</i> , 2022, 11, 3002.	2.4	19
36	Recent Updates in the Computer Aided Drug Design Strategies for the Discovery of Agonists and Antagonists of Adenosine Receptors. <i>Current Pharmaceutical Design</i> , 2019, 25, 747-749.	1.9	18

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37	P1 Receptor Agonists/Antagonists in Clinical Trials - Potential Drug Candidates of the Future. <i>Current Pharmaceutical Design</i> , 2019, 25, 2792-2807.	1.9	17
38	Synthesis and Antibacterial Activity of Some Novel Triazolothienopyrimidines. <i>Chemical and Pharmaceutical Bulletin</i> , 2007, 55, 557-560.	1.3	16
39	Larvicidal Activities of 2-Aryl-2,3-Dihydroquinazolin -4-ones against Malaria Vector <i>Anopheles arabiensis</i> , In Silico ADMET Prediction and Molecular Target Investigation. <i>Molecules</i> , 2020, 25, 1316.	3.8	16
40	Overview of different carrier systems for advanced drug delivery. , 2020, , 179-233.		15
41	Progress Report: Antimicrobial Drug Discovery in the Resistance Era. <i>Pharmaceuticals</i> , 2022, 15, 413.	3.8	15
42	Protein/Peptide Drug Delivery Systems. , 2019, , 651-684.		14
43	Tuberculosis: An Update on Pathophysiology, Molecular Mechanisms of Drug Resistance, Newer Anti-TB Drugs, Treatment Regimens and Host- Directed Therapies. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 547-570.	2.1	14
44	Crystallography, in Silico Studies, and In Vitro Antifungal Studies of 2,4,5 Trisubstituted 1,2,3-Triazole Analogues. <i>Antibiotics</i> , 2020, 9, 350.	3.7	13
45	Synthesis, evaluation, and molecular docking studies of cycloalkyl/aryl-3,4,5-trimethylgallates as potent non-ulcerogenic and gastroprotective anti-inflammatory agents. <i>Medicinal Chemistry Research</i> , 2014, 23, 87-106.	2.4	12
46	Physicochemical, Pharmaceutical, and Biological Considerations in GIT Absorption of Drugs. , 2018, , 149-178.		12
47	Functionalized Carbon Nanotubes for Protein, Peptide, and Gene Delivery. , 2019, , 613-637.		12
48	Molecular signaling of Gα <sub>s</sub> protein-coupled receptor in chronic heart failure and associated complications. <i>Drug Development Research</i> , 2020, 81, 23-31.	2.9	12
49	Adenosine receptor signalling: Probing the potential pathways for the ministration of neuropathic pain. <i>European Journal of Pharmacology</i> , 2020, 889, 173619.	3.5	12
50	Nanomaterials assisted chemo-photothermal therapy for combating cancer drug resistance. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 70, 103164.	3.0	11
51	Transesterification of trimethyl orthoacetate: an efficient protocol for the synthesis of 4-alkoxy-2-aminothiophene-3-carbonitriles. <i>Tetrahedron Letters</i> , 2013, 54, 1274-1278.	1.4	10
52	Applications of Computers in Pharmaceutical Product Formulation. , 2018, , 665-703.		10
53	Nanocarriers in Different Preclinical and Clinical Stages. , 2019, , 685-731.		10
54	Crystallography, Molecular Modeling, and COX-2 Inhibition Studies on Indolizine Derivatives. <i>Molecules</i> , 2021, 26, 3550.	3.8	10

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55	Experimental Design Approach for Quantitative Expressions of Simultaneous Quantification of Two Binary Formulations Containing Remogliflozin and Gliptins by RP-HPLC. <i>Separations</i> , 2022, 9, 23.	2.4	10
56	Molecular Docking Studies and Comparative Binding Mode Analysis of FDA Approved HIV Protease Inhibitors. <i>Asian Journal of Chemistry</i> , 2014, 26, 6227-6232.	0.3	9
57	Thiolated-Chitosan: A Novel Mucoadhesive Polymer for Better-Targeted Drug Delivery. , 2019, , 459-493.		9
58	Studentsâ€™ Perceptions of Live Online Virtual e-Problem Based Learning (LOVE-PBL) using Google Hangouts. <i>Education in Medicine Journal</i> , 2017, 9, 31-39.	0.4	9
59	Preformulation Studies of Drug Substances, Protein, and Peptides. , 2018, , 401-433.		8
60	4-Aryl-1,4-Dihydropyridines as Potential Enoyl-Acyl Carrier Protein Reductase Inhibitors: Antitubercular Activity and Molecular Docking Study. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 295-306.	2.1	8
61	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
62	Influence of Drug Properties and Routes of Drug Administration on the Design of Controlled Release System. , 2018, , 179-223.		7
63	Therapeutic Potentials of Adenosine Receptors: The State of The Art. <i>Current Pharmaceutical Design</i> , 2019, 25, 2789-2791.	1.9	7
64	Evolving nanoformulation strategies for diagnosis and clinical interventions for Parkinsonâ€™s disease. <i>Drug Discovery Today</i> , 2020, 25, 392-405.	6.4	7
65	The Beneficial Effect of Boswellic Acid on Bone Metabolism and Possible Mechanisms of Action in Experimental Osteoporosis. <i>Nutrients</i> , 2020, 12, 3186.	4.1	7
66	Synthesis and anthelmintic activity of some novel (E)-2-methylpropyl-4-(2-(substitutedbenzylidene)hydrazinyl)-5,6,7,8-tetrahydrobenzo[4,5]thieno[2,3-d]pyrimidines. <i>Medicinal Chemistry Research</i> , 2020, 29, 1600-1610.	2.4	7
67	Heparanase Inhibitors in Cancer Progression: Recent Advances. <i>Current Pharmaceutical Design</i> , 2021, 27, 43-68.	1.9	7
68	Environmental sustainable mathematically processed UV spectroscopic methods for quality control analysis of remogliflozin and teneligliptin: Evaluation of greenness and whiteness. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 278, 121303.	3.9	7
69	Polymorphism and its Implications in Pharmaceutical Product Development. , 2018, , 31-65.		6
70	Aerosols in pharmaceutical product development. , 2020, , 521-577.		6
71	Review of the Phytochemistry and Pharmacological Properties of <i>Valeriana officinalis</i> . <i>Current Traditional Medicine</i> , 2020, 6, 260-277.	0.4	6
72	Antiinflammatory Evaluation and Docking Studies of Some New Thienopyrimidines. <i>Asian Journal of Chemistry</i> , 2013, 25, 10583-10587.	0.3	5

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73	Pharmacophore-Based 3D-QSAR Studies of Aromatase Inhibitors. Asian Journal of Chemistry, 2013, 25, 10588-10594.	0.3	5
74	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
75	Scale-Up Studies in Pharmaceutical Products Development. , 2018, , 669-700.		5
76	Progress in the Development of Agonists, Antagonists and Allosteric Modulators of Adenosine Receptors. Current Pharmaceutical Design, 2019, 25, 2695-2696.	1.9	5
77	Biotechnology-Based Pharmaceutical Products. , 2019, , 153-189.		5
78	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
79	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
80	Antitubercular, Cytotoxicity, and Computational Target Validation of Dihydroquinazolinone Derivatives. Antibiotics, 2022, 11, 831.	3.7	5
81	HPA-1a-mediated platelet interaction with monocytes in vitro : involvement of Fc $\gamma$ 3 receptor (Fc $\gamma$ 3R) classes and inhibition by humanised monoclonal anti-Fc $\gamma$ 3RI H22. European Journal of Haematology, 2000, 65, 399-406.	2.2	4
82	Design, Synthesis and Pharmacological Properties of Peptidomimetics. Asian Journal of Chemistry, 2015, 27, 3137-3142.	0.3	4
83	Four Stages of Pharmaceutical Product Development. , 2018, , 637-668.		4
84	Physicochemical Aspects to Be Considered in Pharmaceutical Product Development. , 2018, , 57-83.		4
85	Formulation Additives Used in Pharmaceutical Products. , 2018, , 773-831.		4
86	Pharmacology of Endocannabinoids and Their Receptors. , 2020, , 415-445.		4
87	Role of Physicochemical Parameters on Drug Absorption and Their Implications in Pharmaceutical Product Development. , 2018, , 85-116.		3
88	Dissolution Profile Consideration in Pharmaceutical Product Development. , 2018, , 287-336.		3
89	Strategies for pulmonary delivery of drugs. , 2020, , 85-129.		3
90	Synthesis, structural elucidation and larvicidal activity of novel arylhydrazones. Journal of Molecular Structure, 2021, 1236, 130305.	3.6	3

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91	Anticancer Activity and In Silico ADMET Properties of 2,4,5-Trisubstitutedthiazole Derivatives. Current Drug Metabolism, 2021, 22, 532-536.	1.2	3
92	Rapid and Efficient, Microwave-Assisted, Base-Catalyzed Synthesis of Some Novel 2,7-Disubstituted Pyrrolopyrimidinones. Synthetic Communications, 2012, 42, 3103-3111.	2.1	2
93	Particulate Level Properties and its Implications on Product Performance and Processing. , 2018, , 155-220.		2
94	Protein and Tissue Binding. , 2018, , 371-399.		2
95	Patents and Other Intellectual Property Rights in Drug Delivery. , 2018, , 705-730.		2
96	Biomaterials and Nanoparticles for Hyperthermia Therapy. , 2019, , 375-413.		2
97	<i>In silico</i> and saturation transfer difference NMR approaches to unravel the binding mode of an andrographolide derivative to K-Ras oncoprotein. Future Medicinal Chemistry, 2020, 12, 1611-1631.	2.3	2
98	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
99	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
100	Pharmacology of Acetylcholine and Cholinergic Receptors. , 2020, , 69-105.		2
101	Nanomaterials in Nutraceuticals Applications. Engineering Materials, 2020, , 405-435.	0.6	2
102	Package Types for Different Dosage Forms. , 2018, , 553-590.		1
103	Basics of Crystallization Process Applied in Drug Exploration. , 2018, , 67-103.		1
104	Role of Amorphous State in Drug Delivery. , 2018, , 105-154.		1
105	Statistical Techniques in Pharmaceutical Product Development. , 2018, , 339-362.		1
106	Package Development of Pharmaceutical Products. , 2018, , 521-552.		1
107	Nanotechnology in Tissue Engineering. , 2019, , 225-261.		1
108	Herbal Medication and Nutraceuticals for the Management of Anxiety and Depression. Current Psychopharmacology, 2019, 7, 129-148.	0.3	1

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109	Pharmacology of Serotonin and Its Receptors. , 2020, , 183-212.		1
110	Levels of Solid State Properties. , 2018, , 1-30.		0
111	Stability and Degradation Studies for Drug and Drug Product. , 2018, , 225-257.		0
112	First-Pass Metabolism Considerations in Pharmaceutical Product Development. , 2018, , 259-286.		0
113	Design of Materials and Product Specifications. , 2019, , 1-17.		0
114	Up-to-Date Implications of Nanomaterials in Dental Science. , 2019, , 301-336.		0
115	Current strategies in targeted anticancer drug delivery systems to brain. , 2021, , 267-280.		0
116	Exploring the potential of andrographolide and its derivatives as anti-pancreatic cancer therapeutics: in silico, in vitro, and in vivo approaches. <i>Frontiers in Pharmacology</i> , 0, 9, .	3.5	0
117	Pharmacology of Adenosine Receptors. , 2020, , 325-359.		0
118	Resealed erythrocytes (RBCs) and their biomedical application. , 2020, , 539-580.		0
119	Drug-Receptor Interactions. , 2020, , 31-68.		0
120	Pharmacology of Potassium Channels. , 2020, , 635-681.		0