Parteek Prasher

List of Publications by Year
in descending order

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98 papers	1,734 citations	304743 22 h-index	361022 35 g-index
103 all docs	103 docs citations	103 times ranked	1853 citing authors

#	Article	IF	Citations
1	Microbial technologies for heavy metal remediation: effect of process conditions and current practices. Clean Technologies and Environmental Policy, 2023, 25, 1485-1507.	4.1	37
2	Recent Trends in Rationally Designed Molecules as Kinase Inhibitors. Current Medicinal Chemistry, 2023, 30, 1529-1567.	2.4	4
3	Medicinal chemistry of pyrophosphate mimics: A mini review. Drug Development Research, 2022, 83, 3-15.	2.9	5
4	Protein and peptide delivery to lungs by using advanced targeted drug delivery. Chemico-Biological Interactions, 2022, 351, 109706.	4.0	21
5	Green nanomaterials produced by agro-waste and microbes: Mechanisms and risk assessment. , 2022, , 535-561.		1
6	Silver nanoparticles in natural ecosystems: Fate, transport, and toxicity. , 2022, , 649-668.		2
7	Nature bioinspired and engineered nanomaterials. , 2022, , 31-58.		4
8	Concepts of advanced therapeutic delivery systems for the management of remodeling and inflammation in airway diseases. Future Medicinal Chemistry, 2022, 14, 271-288.	2.3	8
9	Next-Generation 2D Nanomaterial Composites Electrodes for Electrochemical Energy Storage. Materials Horizons, 2022, , 47-73.	0.6	1
10	Gastric ulcer healing by chebulinic acid solid dispersion-loaded gastroretentive raft systems: preclinical evidence. Therapeutic Delivery, 2022, 13, 81-93.	2.2	3
11	A new era in oxygen therapeutics? From perfluorocarbon systems to haemoglobin-based oxygen carriers. Blood Reviews, 2022, 54, 100927.	5.7	18
12	Unravelling the molecular mechanisms underlying chronic respiratory diseases for the development of novel therapeutics via in vitro experimental models. European Journal of Pharmacology, 2022, 919, 174821.	3.5	13
13	Targeting mucin hypersecretion in COVID-19 therapy. Future Medicinal Chemistry, 2022, 14, 681-684.	2.3	3
14	Mucoadhesive particles: an emerging toolkit for advanced respiratory drug delivery. Nanomedicine, 2022, , .	3.3	0
15	Expanding arsenal against diabetes mellitus through nanoformulations loaded with glimepiride and simvastatin: A comparative study. Environmental Science and Pollution Research, 2022, 29, 51976-51988.	5.3	6
16	Benzimidazoleâ€carbamate anthelmintics: Perspective candidates for the anticancer drug development. Drug Development Research, 2022, , .	2.9	5
17	Molecular mechanisms of developmental pathways in neurological disorders: a pharmacological and therapeutic review. Open Biology, 2022, 12, 210289.	3.6	12
18	Cationic polysaccharides: emerging drug delivery vehicle across the physiological mucus barrier. Future Medicinal Chemistry, 2022, 14, 531-533.	2.3	2

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19	Journey of Alpinia galanga from kitchen spice to nutraceutical to folk medicine to nanomedicine. Journal of Ethnopharmacology, 2022, 291, 115144.	4.1	10
20	Managing Apoptosis in Lung Diseases using Nano-assisted Drug Delivery System. Current Pharmaceutical Design, 2022, 28, 3202-3211.	1.9	7
21	Rediscovering the Therapeutic Potential of Agarwood in the Management of Chronic Inflammatory Diseases. Molecules, 2022, 27, 3038.	3.8	11
22	Advances in designing of polymeric micelles for biomedical application in brain related diseases. Chemico-Biological Interactions, 2022, 361, 109960.	4.0	21
23	C2-functionalized imidazo[1,2-a]pyridine: Synthesis and medicinal relevance. Synthetic Communications, 2022, 52, 1337-1356.	2.1	4
24	Advances and applications of dextran-based nanomaterials targeting inflammatory respiratory diseases. Journal of Drug Delivery Science and Technology, 2022, 74, 103598.	3.0	9
25	â€œAzoleâ€•as privileged heterocycle for targeting the inducible cyclooxygenase enzyme. Drug Development Research, 2021, 82, 167-197.	2.9	11
26	Drug encapsulating polysaccharideâ€loaded metal nanoparticles: A perspective drug delivery system. Drug Development Research, 2021, 82, 145-148.	2.9	16
27	Targeting <scp>Nâ€</scp>acetylgalactosaminyltransferase for anticancer therapy. Drug Development Research, 2021, 82, 3-6.	2.9	3
28	Barbiturate derivatives for managing multifaceted oncogenic pathways: A mini review. Drug Development Research, 2021, 82, 364-373.	2.9	3
29	Role of Endophytic Bacteria in the Alleviation of Heavy Metals from an Ecosystem. , 2021, , 115-131.		0
30	Biosorption and Bioaccumulation of Pollutants for Environmental Remediation. Microorganisms for Sustainability, 2021, , 379-405.	0.7	1
31	Novel Controlled Release Pulmonary Drug Delivery Systems: Current updates and Challenges. , 2021, , 253-272.		4
32	Targeting cyclooxygenase enzyme for the adjuvant <scp>COVID</scp>â€19 therapy. Drug Development Research, 2021, 82, 469-473.	2.9	24
33	Antimicrobial properties of surface-functionalized silver nanoparticles. , 2021, , 39-66.		0
34	Targeting eosinophils in respiratory diseases: Biological axis, emerging therapeutics and treatment modalities. Life Sciences, 2021, 267, 118973.	4.3	16
35	Therapeutic delivery with <scp>Vâ€amylose</scp>. Drug Development Research, 2021, 82, 727-729.	2.9	12
36	Medicinal Chemistry of Indane and Its Analogues: A Mini Review. ChemistrySelect, 2021, 6, 2658-2677.	1.5	39

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37	An overview of vaccine development for COVID-19. Therapeutic Delivery, 2021, 12, 235-244.	2.2	51
38	Synthesis and Anticancer Properties of â€˜Azoleâ€™ Based Chemotherapeutics as Emerging Chemical Moieties: A Comprehensive Review. Current Organic Chemistry, 2021, 25, 654-668.	1.6	17
39	The <scp>FBXW7â€NOTCH interactome</scp>: A ubiquitin proteasomal systemâ€induced crosstalk modulating oncogenic transformation in human tissues. Cancer Reports, 2021, 4, e1369.	1.4	12
40	Applications and practice of advanced drug delivery systems for targeting Toll-like receptors in pulmonary diseases. Nanomedicine, 2021, 16, 783-786.	3.3	7
41	Oral Nanoemulsion of Fenofibrate: Formulation, Characterization, and In Vitro Drug Release Studies. Assay and Drug Development Technologies, 2021, 19, 246-261.	1.2	6
42	Current-status and applications of polysaccharides in drug delivery systems. Colloids and Interface Science Communications, 2021, 42, 100418.	4.1	66
43	Medicinal chemistry of anthranilic acid derivatives: A mini review. Drug Development Research, 2021, 82, 945-958.	2.9	25
44	Middle East Respiratory Syndrome (MERS) Virusâ€"Pathophysiological Axis and the Current Treatment Strategies. AAPS PharmSciTech, 2021, 22, 173.	3.3	17
45	Nanotechnology-based self-sterilizing surfaces and their potential in combating COVID-19. Nanomedicine, 2021, 16, 1183-1186.	3.3	15
46	Advanced drug delivery systems targeting NF-ÎºB in respiratory diseases. Future Medicinal Chemistry, 2021, 13, 1087-1090.	2.3	7
47	Targeted delivery of flufenamic acid by V-amylose. Therapeutic Delivery, 2021, 12, 575-582.	2.2	7
48	A novel nano therapeutic using convalescent plasma derived exosomal (CPExo) for COVID-19: A combined hyperactive immune modulation and diagnostics. Chemico-Biological Interactions, 2021, 344, 109497.	4.0	16
49	Resistant starch: ideal candidate for the enteric coating of NSAIDs?. Future Medicinal Chemistry, 2021, 13, 1411-1414.	2.3	2
50	The role of HGF/MET in liver cancer. Future Medicinal Chemistry, 2021, 13, 1829-1832.	2.3	23
51	Targeting LIN28: a new hope in prostate cancer theranostics. Future Oncology, 2021, 17, 3873-3880.	2.4	6
52	Complex physicochemical transformations of silver nanoparticles and their effects on agroecosystems. , 2021, , 357-379.		0
53	E-Waste and Its Hazard Management by Specific Microbial Bioremediation Processes. Microorganisms for Sustainability, 2021, , 139-166.	0.7	6
54	Microfluidic chips: recent advances, critical strategies in design, applications and future perspectives. Microfluidics and Nanofluidics, 2021, 25, 99.	2.2	73

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55	Can dextran-based nanoparticles mitigate inflammatory lung diseases?. Future Medicinal Chemistry, 2021, 13, 2027-2031.	2.3	4
56	Mucoadhesive nanoformulations and their potential for combating COVID-19. Nanomedicine, 2021, 16, 2497-2501.	3.3	12
57	Activation of TWEAK/Fn14 signaling suppresses TRAFs/NF-?B pathway in the pathogenesis of cancer. EXCLI Journal, 2021, 20, 232-235.	0.7	5
58	Recent Advances in Chronotherapy Targeting Respiratory Diseases. Pharmaceutics, 2021, 13, 2008.	4.5	16
59	Albumin Nano-Encapsulation of Piceatannol Enhances Its Anticancer Potential in Colon Cancer Via Downregulation of Nuclear p65 and HIF-1Î±. Cancers, 2020, 12, 113.	3.7	74
60	An epigrammatic status of the â€˜azoleâ€™-based antimalarial drugs. RSC Medicinal Chemistry, 2020, 11, 184-211.	3.9	20
61	Understanding Phytomicrobiome: A Potential Reservoir for Better Crop Management. Sustainability, 2020, 12, 5446.	3.2	40
62	Effect of Temperature on the Polymerization and Optical Conductivity of Thin Flexible Polypyrrole/Starch Composites. Journal of Physics: Conference Series, 2020, 1531, 012105.	0.4	13
63	Probing <scp>3CL</scp> protease: Rationally designed chemical moieties for <scp>COVID</scp>â€19. Drug Development Research, 2020, 81, 911-918.	2.9	10
64	Advanced drug delivery systems can assist in targeting coronavirus disease (COVID-19): A hypothesis. Medical Hypotheses, 2020, 144, 110254.	1.5	33
65	Plants derived therapeutic strategies targeting chronic respiratory diseases: Chemical and immunological perspective. Chemico-Biological Interactions, 2020, 325, 109125.	4.0	40
66	Hybrid molecules based on 1,3,5â€triazine as potential therapeutics: A focused review. Drug Development Research, 2020, 81, 837-858.	2.9	21
67	Emerging era of â€œsomesâ€• polymersomes as versatile drug delivery carrier for cancer diagnostics and therapy. Drug Delivery and Translational Research, 2020, 10, 1171-1190.	5.8	54
68	Emerging trends in nanomedicine for topical delivery in skin disorders: Current and translational approaches. Dermatologic Therapy, 2020, 33, e13292.	1.7	16
69	Vesicular drug delivery systems as theranostics in COVID-19. Future Medicinal Chemistry, 2020, 12, 1607-1609.	2.3	19
70	Dietary Crocin is Protective in Pancreatic Cancer while Reducing Radiation-Induced Hepatic Oxidative Damage. Nutrients, 2020, 12, 1901.	4.1	32
71	Monotherapy of RAAS blockers and mobilization of aldosterone: A mechanistic perspective study in kidney disease. Chemico-Biological Interactions, 2020, 317, 108975.	4.0	15
72	Emerging trends in clinical implications of bio-conjugated silver nanoparticles in drug delivery. Colloids and Interface Science Communications, 2020, 35, 100244.	4.1	85

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73	COVID-19: Underpinning Research for Detection, Therapeutics, and Vaccines Development. Pharmaceutical Nanotechnology, 2020, 8, 323-353.	1.5	13
74	Electrochemical Characterization and HOMO-LUMO Studies on Fabricated PVB/Graphite and PVB/GO Nanocomposites. Portugaliae Electrochimica Acta, 2020, 38, 69-78.	1.1	4
75	N-acetylgalactosaminyltransferase: a potential target for colorectal adenocarcinoma. Future Medicinal Chemistry, 2020, 12, 1529-1531.	2.3	3
76	Beyond the Obvious: Smoking and Respiratory Infection Implications on Alzheimer's Disease. CNS and Neurological Disorders - Drug Targets, 2020, 19, 698-708.	1.4	10
77	Role of the Serine/Threonine Kinase 11 (STK11) or Liver Kinase B1 (LKB1) Gene in Peutz-Jeghers Syndrome. Critical Reviews in Eukaryotic Gene Expression, 2020, 30, 245-252.	0.9	10
78	Emerging Nanotechnology in Chronic Respiratory Diseases. , 2020, , 449-468.		5
79	Emerging prospects of vitamin D3 in metabolic syndrome: A proof of concept (POC) approach targeting inflammation. EXCLI Journal, 2020, 19, 1512-1516.	0.7	2
80	An insight into Cadmium poisoning and its removal from aqueous sources by Graphene Adsorbents. International Journal of Environmental Health Research, 2019, 29, 1-21.	2.7	22
81	Critical analysis of polyindole and its composites in supercapacitor application. Materials for Renewable and Sustainable Energy, 2019, 8, 1.	3.6	59
82	Tailored therapeutics based on 1,2,3-1H-triazoles: a mini review. MedChemComm, 2019, 10, 1302-1328.	3.4	44
83	Developmental perspectives of the drugs targeting enzyme-instigated inflammation: a mini review. Medicinal Chemistry Research, 2019, 28, 417-449.	2.4	12
84	Uptake, Accumulation, and Toxicity of Metal Nanoparticles in Autotrophs. , 2019, , 101-120.		0
85	Green Synthesis of Silver Nanoparticles and their Antifungal Properties. BioNanoScience, 2018, 8, 254-263.	3.5	23
86	Silver nanoparticles as antimicrobial therapeutics: current perspectives and future challenges. 3 Biotech, 2018, 8, 411.	2.2	56
87	Solution processed silver-nanowire/zinc oxide based transparent conductive electrode for efficient photovoltaic performance. Nano Structures Nano Objects, 2018, 16, 151-155.	3.5	16
88	Oligodynamic Effect of Silver Nanoparticles: a Review. BioNanoScience, 2018, 8, 951-962.	3.5	38
89	Ultrafine Silver Nanoparticles: Synthesis and Biocidal Studies. BioNanoScience, 2018, 8, 735-741.	3.5	4
90	Medicinal chemistry of acridine and its analogues. MedChemComm, 2018, 9, 1589-1618.	3.4	75

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91	One pot green synthesis of Î±-aminophosphonates with D-Malic acid as an organocatalyst. AIP Conference Proceedings, 2017, , .	0.4	0
92	Fabrication of dense CIGS film by mixing two types of nanoparticles for solar cell application. Nano Structures Nano Objects, 2017, 11, 129-134.	3.5	10
93	Identification of an indoleâ€“triazoleâ€“amino acid conjugate as a highly effective antifungal agent. MedChemComm, 2015, 6, 1352-1359.	3.4	12
94	Indole based peptidomimetics as anti-inflammatory and anti-hyperalgesic agents: Dual inhibition of 5-LOX and COX-2 enzymes. European Journal of Medicinal Chemistry, 2015, 97, 104-123.	5.5	49
95	Synthesis of amino acid appended indoles: Appreciable anti-fungal activity and inhibition of ergosterol biosynthesis as their probable mode of action. European Journal of Medicinal Chemistry, 2014, 80, 325-339.	5.5	21
96	A fluorescent probe for estimation of adenosine diphosphate and monitoring of glucose metabolism. Organic and Biomolecular Chemistry, 2014, 12, 3071.	2.8	20
97	Lead modification: Amino acid appended indoles as highly effective 5-LOX inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 1642-1648.	3.0	17
98	Nutraceuticals for Healthy Sporting. Health Information Systems and the Advancement of Medical Practice in Developing Countries, 0, , 79-107.	0.1	3