

Parteek Prasher

List of Publications by Year in descending order

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Version: 2024-02-01

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	Emerging trends in clinical implications of bio-conjugated silver nanoparticles in drug delivery. Colloids and Interface Science Communications, 2020, 35, 100244.	4.1	85
2	Medicinal chemistry of acridine and its analogues. MedChemComm, 2018, 9, 1589-1618.	3.4	75
3	Albumin Nano-Encapsulation of Piceatannol Enhances Its Anticancer Potential in Colon Cancer Via Downregulation of Nuclear p65 and HIF-1 α . Cancers, 2020, 12, 113.	3.7	74
4	Microfluidic chips: recent advances, critical strategies in design, applications and future perspectives. Microfluidics and Nanofluidics, 2021, 25, 99.	2.2	73
5	Current-status and applications of polysaccharides in drug delivery systems. Colloids and Interface Science Communications, 2021, 42, 100418.	4.1	66
6	Critical analysis of polyindole and its composites in supercapacitor application. Materials for Renewable and Sustainable Energy, 2019, 8, 1.	3.6	59
7	Silver nanoparticles as antimicrobial therapeutics: current perspectives and future challenges. 3 Biotech, 2018, 8, 411.	2.2	56
8	Emerging era of "osomes" polymersomes as versatile drug delivery carrier for cancer diagnostics and therapy. Drug Delivery and Translational Research, 2020, 10, 1171-1190.	5.8	54
9	An overview of vaccine development for COVID-19. Therapeutic Delivery, 2021, 12, 235-244.	2.2	51
10	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
11	Tailored therapeutics based on 1,2,3-1 <i>H</i> -triazoles: a mini review. MedChemComm, 2019, 10, 1302-1328.	3.4	44
12	Understanding Phytomicrobiome: A Potential Reservoir for Better Crop Management. Sustainability, 2020, 12, 5446.	3.2	40
13	Plants derived therapeutic strategies targeting chronic respiratory diseases: Chemical and immunological perspective. Chemico-Biological Interactions, 2020, 325, 109125.	4.0	40
14	Medicinal Chemistry of Indane and Its Analogues: A Mini Review. ChemistrySelect, 2021, 6, 2658-2677.	1.5	39
15	Oligodynamic Effect of Silver Nanoparticles: a Review. BioNanoScience, 2018, 8, 951-962.	3.5	38
16	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
17	Advanced drug delivery systems can assist in targeting coronavirus disease (COVID-19): A hypothesis. Medical Hypotheses, 2020, 144, 110254.	1.5	33
18	Dietary Crocin is Protective in Pancreatic Cancer while Reducing Radiation-Induced Hepatic Oxidative Damage. Nutrients, 2020, 12, 1901.	4.1	32

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19	Medicinal chemistry of anthranilic acid derivatives: A mini review. Drug Development Research, 2021, 82, 945-958.	2.9	25
20	Targeting cyclooxygenase enzyme for the adjuvant COVID-19 therapy. Drug Development Research, 2021, 82, 469-473.	2.9	24
21	Green Synthesis of Silver Nanoparticles and their Antifungal Properties. BioNanoScience, 2018, 8, 254-263.	3.5	23
22	The role of HGF/MET in liver cancer. Future Medicinal Chemistry, 2021, 13, 1829-1832.	2.3	23
23	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
24	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
25	Hybrid molecules based on 1,3,5-triazine as potential therapeutics: A focused review. Drug Development Research, 2020, 81, 837-858.	2.9	21
26	Protein and peptide delivery to lungs by using advanced targeted drug delivery. Chemico-Biological Interactions, 2022, 351, 109706.	4.0	21
27	Advances in designing of polymeric micelles for biomedical application in brain related diseases. Chemico-Biological Interactions, 2022, 361, 109960.	4.0	21
28	A fluorescent probe for estimation of adenosine diphosphate and monitoring of glucose metabolism. Organic and Biomolecular Chemistry, 2014, 12, 3071.	2.8	20
29	An epigrammatic status of the azole-based antimalarial drugs. RSC Medicinal Chemistry, 2020, 11, 184-211.	3.9	20
30	Vesicular drug delivery systems as theranostics in COVID-19. Future Medicinal Chemistry, 2020, 12, 1607-1609.	2.3	19
31	A new era in oxygen therapeutics? From perfluorocarbon systems to haemoglobin-based oxygen carriers. Blood Reviews, 2022, 54, 100927.	5.7	18
32	Lead modification: Amino acid appended indoles as highly effective 5-LOX inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 1642-1648.	3.0	17
33	Synthesis and Anticancer Properties of Azole Based Chemotherapeutics as Emerging Chemical Moieties: A Comprehensive Review. Current Organic Chemistry, 2021, 25, 654-668.	1.6	17
34	Middle East Respiratory Syndrome (MERS) Virus Pathophysiological Axis and the Current Treatment Strategies. AAPS PharmSciTech, 2021, 22, 173.	3.3	17
35	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
36	Emerging trends in nanomedicine for topical delivery in skin disorders: Current and translational approaches. Dermatologic Therapy, 2020, 33, e13292.	1.7	16

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37	Drug encapsulating polysaccharide-loaded metal nanoparticles: A perspective drug delivery system. Drug Development Research, 2021, 82, 145-148.	2.9	16
38	Targeting eosinophils in respiratory diseases: Biological axis, emerging therapeutics and treatment modalities. Life Sciences, 2021, 267, 118973.	4.3	16
39	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
40	Recent Advances in Chronotherapy Targeting Respiratory Diseases. Pharmaceutics, 2021, 13, 2008.	4.5	16
41	Monotherapy of RAAS blockers and mobilization of aldosterone: A mechanistic perspective study in kidney disease. Chemico-Biological Interactions, 2020, 317, 108975.	4.0	15
42	Nanotechnology-based self-sterilizing surfaces and their potential in combating COVID-19. Nanomedicine, 2021, 16, 1183-1186.	3.3	15
43	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
44	COVID-19: Underpinning Research for Detection, Therapeutics, and Vaccines Development. Pharmaceutical Nanotechnology, 2020, 8, 323-353.	1.5	13
45	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
46	Identification of an indole-triazole amino acid conjugate as a highly effective antifungal agent. MedChemComm, 2015, 6, 1352-1359.	3.4	12
47	Developmental perspectives of the drugs targeting enzyme-instigated inflammation: a mini review. Medicinal Chemistry Research, 2019, 28, 417-449.	2.4	12
48	Therapeutic delivery with amylose. Drug Development Research, 2021, 82, 727-729.	2.9	12
49	The FBXW7-NOTCH interactome: A ubiquitin proteasomal system-induced crosstalk modulating oncogenic transformation in human tissues. Cancer Reports, 2021, 4, e1369.	1.4	12
50	Mucoadhesive nanoformulations and their potential for combating COVID-19. Nanomedicine, 2021, 16, 2497-2501.	3.3	12
51	Molecular mechanisms of developmental pathways in neurological disorders: a pharmacological and therapeutic review. Open Biology, 2022, 12, 210289.	3.6	12
52	As privileged heterocycle for targeting the inducible cyclooxygenase enzyme. Drug Development Research, 2021, 82, 167-197.	2.9	11
53	Rediscovering the Therapeutic Potential of Agarwood in the Management of Chronic Inflammatory Diseases. Molecules, 2022, 27, 3038.	3.8	11
54	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

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55	Probing <sc>3CL</sc> protease: Rationally designed chemical moieties for <sc>COVID</sc>â€19. Drug Development Research, 2020, 81, 911-918.	2.9	10
56	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
57	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
58	Journey of Alpinia galanga from kitchen spice to nutraceutical to folk medicine to nanomedicine. Journal of Ethnopharmacology, 2022, 291, 115144.	4.1	10
59	Advances and applications of dextran-based nanomaterials targeting inflammatory respiratory diseases. Journal of Drug Delivery Science and Technology, 2022, 74, 103598.	3.0	9
60	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
61	Applications and practice of advanced drug delivery systems for targeting Toll-like receptors in pulmonary diseases. Nanomedicine, 2021, 16, 783-786.	3.3	7
62	Advanced drug delivery systems targeting NF-ÎB in respiratory diseases. Future Medicinal Chemistry, 2021, 13, 1087-1090.	2.3	7
63	Targeted delivery of flufenamic acid by V-amylose. Therapeutic Delivery, 2021, 12, 575-582.	2.2	7
64	Managing Apoptosis in Lung Diseases using Nano-assisted Drug Delivery System. Current Pharmaceutical Design, 2022, 28, 3202-3211.	1.9	7
65	Oral Nanoemulsion of Fenofibrate: Formulation, Characterization, and <i>In Vitro</i> Drug Release Studies. Assay and Drug Development Technologies, 2021, 19, 246-261.	1.2	6
66	Targeting LIN28: a new hope in prostate cancer theranostics. Future Oncology, 2021, 17, 3873-3880.	2.4	6
67	E-Waste and Its Hazard Management by Specific Microbial Bioremediation Processes. Microorganisms for Sustainability, 2021, , 139-166.	0.7	6
68	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
69	Medicinal chemistry of pyrophosphate mimics: A mini review. Drug Development Research, 2022, 83, 3-15.	2.9	5
70	Emerging Nanotechnology in Chronic Respiratory Diseases. , 2020, , 449-468.		5
71	Activation of TWEAK/Fn14 signaling suppresses TRAFs/NF-?B pathway in the pathogenesis of cancer. EXCLI Journal, 2021, 20, 232-235.	0.7	5
72	Benzimidazoleâ€carbamate anthelmintics: Perspective candidates for the anticancer drug development. Drug Development Research, 2022, , .	2.9	5

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73	Ultrafine Silver Nanoparticles: Synthesis and Biocidal Studies. <i>BioNanoScience</i> , 2018, 8, 735-741.	3.5	4
74	Novel Controlled Release Pulmonary Drug Delivery Systems: Current updates and Challenges. , 2021, , 253-272.		4
75	Electrochemical Characterization and HOMO-LUMO Studies on Fabricated PVB/Graphite and PVB/GO Nanocomposites. <i>Portugaliae Electrochimica Acta</i> , 2020, 38, 69-78.	1.1	4
76	Can dextran-based nanoparticles mitigate inflammatory lung diseases?. <i>Future Medicinal Chemistry</i> , 2021, 13, 2027-2031.	2.3	4
77	Recent Trends in Rationally Designed Molecules as Kinase Inhibitors. <i>Current Medicinal Chemistry</i> , 2023, 30, 1529-1567.	2.4	4
78	Nature bioinspired and engineered nanomaterials. , 2022, , 31-58.		4
79	C2-functionalized imidazo[1,2-a]pyridine: Synthesis and medicinal relevance. <i>Synthetic Communications</i> , 2022, 52, 1337-1356.	2.1	4
80	Targeting <i>N</i> -acetylgalactosaminyltransferase for anticancer therapy. <i>Drug Development Research</i> , 2021, 82, 3-6.	2.9	3
81	Barbiturate derivatives for managing multifaceted oncogenic pathways: A mini review. <i>Drug Development Research</i> , 2021, 82, 364-373.	2.9	3
82	Nutraceuticals for Healthy Sporting. <i>Health Information Systems and the Advancement of Medical Practice in Developing Countries</i> , 0, , 79-107.	0.1	3
83	<i>N</i> -acetylgalactosaminyltransferase: a potential target for colorectal adenocarcinoma. <i>Future Medicinal Chemistry</i> , 2020, 12, 1529-1531.	2.3	3
84	Gastric ulcer healing by chebulinic acid solid dispersion-loaded gastroretentive raft systems: preclinical evidence. <i>Therapeutic Delivery</i> , 2022, 13, 81-93.	2.2	3
85	Targeting mucin hypersecretion in COVID-19 therapy. <i>Future Medicinal Chemistry</i> , 2022, 14, 681-684.	2.3	3
86	Resistant starch: ideal candidate for the enteric coating of NSAIDs?. <i>Future Medicinal Chemistry</i> , 2021, 13, 1411-1414.	2.3	2
87	Silver nanoparticles in natural ecosystems: Fate, transport, and toxicity. , 2022, , 649-668.		2
88	Emerging prospects of vitamin D3 in metabolic syndrome: A proof of concept (POC) approach targeting inflammation. <i>EXCLI Journal</i> , 2020, 19, 1512-1516.	0.7	2
89	Cationic polysaccharides: emerging drug delivery vehicle across the physiological mucus barrier. <i>Future Medicinal Chemistry</i> , 2022, 14, 531-533.	2.3	2
90	Biosorption and Bioaccumulation of Pollutants for Environmental Remediation. <i>Microorganisms for Sustainability</i> , 2021, , 379-405.	0.7	1

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91	Green nanomaterials produced by agro-waste and microbes: Mechanisms and risk assessment. , 2022, , 535-561.		1
92	Next-Generation 2D Nanomaterial Composites Electrodes for Electrochemical Energy Storage. Materials Horizons, 2022, , 47-73.	0.6	1
93	One pot green synthesis of $\hat{\pm}$ -aminophosphonates with D-Malic acid as an organocatalyst. AIP Conference Proceedings, 2017, , .	0.4	0
94	Role of Endophytic Bacteria in the Alleviation of Heavy Metals from an Ecosystem. , 2021, , 115-131.		0
95	Antimicrobial properties of surface-functionalized silver nanoparticles. , 2021, , 39-66.		0
96	Complex physicochemical transformations of silver nanoparticles and their effects on agroecosystems. , 2021, , 357-379.		0
97	Uptake, Accumulation, and Toxicity of Metal Nanoparticles in Autotrophs. , 2019, , 101-120.		0
98	Mucoadhesive particles: an emerging toolkit for advanced respiratory drug delivery. Nanomedicine, 2022, , .	3.3	0