

# Rajeev Kumar Singla

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

1,387  
citations

430442

18  
h-index

433756

31  
g-index

118  
all docs

118  
docs citations

118  
times ranked

1422  
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural products derived from medicinal plants and microbes might act as a game-changer in breast cancer: a comprehensive review of preclinical and clinical studies. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 11880-11924.	5.4	8
2	Bergenin - A Biologically Active Scaffold: Nanotechnological Perspectives. <i>Current Topics in Medicinal Chemistry</i> , 2022, 22, 132-149.	1.0	17
3	Editorial: Exploration of Natural Product Leads for Multitarget-Based Treatment of Cancer—Computational to Experimental Journey. <i>Frontiers in Pharmacology</i> , 2022, 13, 850151.	1.6	2
4	Natural Kinase Inhibitors for the Treatment and Management of Endometrial/Uterine Cancer: Preclinical to Clinical Studies. <i>Frontiers in Pharmacology</i> , 2022, 13, 801733.	1.6	10
5	Biogenic Phytochemicals Modulating Obesity: From Molecular Mechanism to Preventive and Therapeutic Approaches. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-20.	0.5	14
6	The Genus <i>Alternanthera</i> : Phytochemical and Ethnopharmacological Perspectives. <i>Frontiers in Pharmacology</i> , 2022, 13, 769111.	1.6	11
7	Challenging the Illusion: Health Equity Amidst New Variants. <i>International Journal of Public Health</i> , 2022, 67, 1604896.	1.0	3
8	In Silico Drug Discovery for Treatment of Virus Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1368, 73-93.	0.8	1
9	Vaccines and Immunoinformatics for Vaccine Design. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1368, 95-110.	0.8	3
10	Neurobehavioral and Biochemical Evidences in Support of Protective Effect of Marrubiin (Furan) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 Experimental Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-13.	0.5	2
11	A Review on Green Synthesis of Silver Nanoparticles and its Role against Cancer. <i>Current Topics in Medicinal Chemistry</i> , 2022, 22, 1460-1471.	1.0	4
12	Indian Herbal Extracts as Antimicrobial Agents. <i>Springer Briefs in Molecular Science</i> , 2021, , 31-40.	0.1	1
13	Relevance of Ayurveda. Therapy of Holistic Application and Classification of Herbs. <i>Springer Briefs in Molecular Science</i> , 2021, , 1-29.	0.1	0
14	Impacts of biomedical hashtag-based Twitter campaign: #DHPSP utilization for promotion of open innovation in digital health, patient safety, and personalized medicine. <i>Current Research in Biotechnology</i> , 2021, 3, 146-153.	1.9	15
15	Indian Herbal Extract as Antioxidant Agents. <i>Springer Briefs in Molecular Science</i> , 2021, , 41-47.	0.1	0
16	Topical Capsaicin for the Treatment of Neuropathic Pain. <i>Current Drug Metabolism</i> , 2021, 22, 198-207.	0.7	15
17	Herbal Resources to Combat a Progressive & Degenerative Nervous System Disorder- Parkinsonâ€™s Disease. <i>Current Drug Targets</i> , 2021, 22, 609-630.	1.0	13
18	QSCR Analysis of Cytotoxicity of 6-Fluoro-3-(4H-1,2,4-triazol-3-yl)quinolin-4(1H)-ones on Chinese Hamster Ovary Cell Line: Design of REPUBLIC1986. <i>Current Medicinal Chemistry</i> , 2021, 28, .	1.2	5

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19	The Combination of Tradition and Future: Data-Driven Natural-Product-Based Treatments for Parkinson's Disease. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-8.	0.5	5
20	Secondary Metabolites as Treatment of Choice for Metabolic Disorders and Infectious Diseases and their Metabolic Profiling - Part 3. Current Drug Metabolism, 2021, 22, 412-414.	0.7	7
21	Multifaceted Effects of Lycopene: A Boulevard to the Multitarget-Based Treatment for Cancer. Molecules, 2021, 26, 5333.	1.7	28
22	Unleashing the Potential of Microbial Natural Products in Drug Discovery: Focusing on Streptomyces as Antimicrobials Goldmine. Current Topics in Medicinal Chemistry, 2021, 21, 2374-2396.	1.0	8
23	Natural Antioxidant Agents for Treatment of Metabolic Diseases and Disorders. Springer Briefs in Molecular Science, 2021, , 49-54.	0.1	0
24	Isolation, Docking and In Silico ADME-T Studies of Acacianol: Novel Antibacterial Isoflavone Analogue Isolated from Acacia leucophloea Bark. Current Drug Metabolism, 2021, 22, 893-904.	0.7	8
25	Natural Product-Based Studies for the Management of Castration-Resistant Prostate Cancer: Computational to Clinical Studies. Frontiers in Pharmacology, 2021, 12, 732266.	1.6	17
26	Natural Products for the Management of Castration-Resistant Prostate Cancer: Special Focus on Nanoparticles Based Studies. Frontiers in Cell and Developmental Biology, 2021, 9, 745177.	1.8	21
27	Phytomedicine in Disease Management: In-Silico Analysis of the Binding Affinity of Artesunate and Azadirachtin for Malaria Treatment. Frontiers in Pharmacology, 2021, 12, 751032.	1.6	10
28	Natural Products for the Prevention and Control of the COVID-19 Pandemic: Sustainable Bioresources. Frontiers in Pharmacology, 2021, 12, 758159.	1.6	25
29	Physicochemical, Interaction & Topological Descriptors vs. hMAO-A Inhibition of Aplysinopsin Analogs: A Boulevard to the Discovery of Semi-synthetic Antidepressant Agents. Current Drug Metabolism, 2021, 22, 905-915.	0.7	1
30	Translational Informatics for Natural Products as Antidepressant Agents. Frontiers in Cell and Developmental Biology, 2021, 9, 738838.	1.8	3
31	Regulation of Pain Genes by Capsaicin vs Resiniferatoxin: Reassessment of Transcriptomic Data. Frontiers in Pharmacology, 2020, 11, 551786.	1.6	10
32	Data-driven microbiota biomarker discovery for personalized drug therapy of cardiovascular disease. Pharmacological Research, 2020, 161, 105225.	3.1	5
33	Editorial: Application of Plant Secondary Metabolites to Pain Neuromodulation. Frontiers in Pharmacology, 2020, 11, 623399.	1.6	14
34	In silico molecular GRIP docking of some secondary metabolites combating diabetes. Bulletin of the National Research Centre, 2020, 44, .	0.7	5
35	Secondary Metabolites as Treatment of Choice for Metabolic Disorders and Infectious Diseases and their Metabolic Profiling: Part 1. Current Drug Metabolism, 2020, 21, 480-481.	0.7	12
36	Secondary Metabolites as Treatment of Choice for Metabolic Disorders and Infectious Diseases & their Metabolic Profiling-Part 2. Current Drug Metabolism, 2020, 21, 1070-1071.	0.7	4

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37	In Silico ADMET Evaluation of Natural DPP-IV Inhibitors for Rational Drug Design against Diabetes. <i>Current Drug Metabolism</i> , 2020, 21, 768-777.	0.7	4
38	In silico analysis of drug delivery in respiratory disease. , 2020, , 163-169.		0
39	Food Industries and Recycled Water. , 2020, , 267-277.		0
40	Natural Polyphenols: Chemical Classification, Definition of Classes, Subcategories, and Structures. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 1397-1400.	0.7	242
41	Phenolic Substances in Foods: Health Effects as Anti-Inflammatory and Antimicrobial Agents. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 1378-1387.	0.7	20
42	Phenolic Substances in Foods: Health Effects as Anti-Inflammatory and Antimicrobial Agents. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 1378-1387.	0.7	12
43	Natural Polyphenols: Chemical Classification, Definition of Classes, Subcategories, and Structures. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 1397-1400.	0.7	46
44	Current Trends in Anti-Candida Drug Development. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 2525-2526.	1.0	5
45	Studies on the Determination of Antioxidant Activity and Phenolic Content of Plant Products in India (2000â€“2017). <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 1407-1413.	0.7	4
46	Molecules and Metabolites from Natural Products as Inhibitors of Biofilm in <i>Candida</i> spp. pathogens. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 2567-2578.	1.0	31
47	Perspectives on Anti-Candida Drug Development. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 2375-2376.	1.0	1
48	Studies on the Determination of Antioxidant Activity and Phenolic Content of Plant Products in India (2000â€“2017). <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 1407-1413.	0.7	5
49	Natural Products: Potential Source of DPP-IV Inhibitors. <i>Current Protein and Peptide Science</i> , 2019, 20, 1218-1225.	0.7	24
50	Isolation and Characterization of Nuciferic Acid, a Novel Keto Fatty Acid with Hyaluronidase Inhibitory Activity from <i>Cocos nucifera</i> Linn. <i>Endocarp. Current Topics in Medicinal Chemistry</i> , 2019, 18, 2367-2378.	1.0	11
51	Phytochemical Profiling, GC-MS Analysis and $\alpha$ -Amylase Inhibitory Potential of Ethanolic Extract of <i>Cocos nucifera</i> Linn. <i>Endocarp. Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 419-442.	0.6	18
52	Analytical Methods for the Assessment of Maillard Reactions in Foods. <i>Springer Briefs in Molecular Science</i> , 2018, , .	0.1	9
53	The Control of Maillard Reaction in Processed Foods. <i>Analytical Testing Methods for the Determination of 5-Hydroxymethylfurfural. Springer Briefs in Molecular Science</i> , 2018, , 15-26.	0.1	11
54	Analytical Methods for the Determination of Furosine in Food Products. <i>Springer Briefs in Molecular Science</i> , 2018, , 27-35.	0.1	3

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55	The Analytical Evaluation of Acrylamide in Foods as a Maillard Reaction Product. Springer Briefs in Molecular Science, 2018, , 37-45.	0.1	2
56	Analytical Methods for the Determination of Maillard Reaction Products in Foods. An Introduction. Springer Briefs in Molecular Science, 2018, , 1-14.	0.1	1
57	Melanoidins and Browning Reactions in Processed Foods. Quantitative Determinations, Colour Measurement, and Sensorial Assessment. Springer Briefs in Molecular Science, 2018, , 47-54.	0.1	3
58	Inhibition of Biofilm and Virulence Factors of Candida albicans by Partially Purified Secondary Metabolites of Streptomyces chrestomyceticus Strain ADP4. Current Topics in Medicinal Chemistry, 2018, 18, 925-945.	1.0	19
59	Emerging Virulence, Drug Resistance and Future Anti-fungal Drugs for Candida Pathogens. Current Topics in Medicinal Chemistry, 2018, 18, 759-778.	1.0	40
60	Antioxidant activity and protective effect of suramin against oxidative stress in collagen induced arthritis. European Journal of Pharmaceutical Sciences, 2017, 101, 125-139.	1.9	29
61	Phenothiazines and Related Drugs as Multi Drug Resistance Reversal Agents in Cancer Chemotherapy Mediated by p-glycoprotein. Current Cancer Therapy Reviews, 2017, 13, .	0.2	3
62	Docking Studies for Multi-Target Drugs. Current Drug Targets, 2017, 18, 592-604.	1.0	39
63	Diabetes Mellitus and Male Aging: Pharmacotherapeutics and Clinical Implications. Current Pharmaceutical Design, 2017, 23, 4475-4483.	0.9	15
64	In Silico Studies Revealed Multiple Neurological Targets for the Antidepressant Molecule Ursolic Acid. Current Neuropharmacology, 2017, 15, 1100-1106.	1.4	20
65	Effect of Syzygium cumini (jamun) seed powder on glycemic control: A double-blind randomized controlled trial. JMS - Journal of Medical Society, 2017, 31, 185.	0.2	18
66	Editorial (Thematic Issue: Natural Leads in Drug Discovery against Metabolic Disorders and their) Tj ETQq0 0 0 rgBT, /Overlock 10 Tf 50 3	1.0	1
67	Perspectives in Medicinal Chemistry. Current Topics in Medicinal Chemistry, 2016, 16, 2725-2726.	1.0	4
68	Important Aspects of Post-Prandial Antidiabetic Drug, Acarbose. Current Topics in Medicinal Chemistry, 2016, 16, 2625-2633.	1.0	31
69	Recent Advancement in Natural Hyaluronidase Inhibitors. Current Topics in Medicinal Chemistry, 2016, 16, 2525-2531.	1.0	20
70	Perspectives in Medicinal Chemistry. Current Topics in Medicinal Chemistry, 2016, , .	1.0	0
71	Editorial: Natural Leads in Drug Discovery against Metabolic Disorders and their Related Infectious Diseases. Current Topics in Medicinal Chemistry, 2016, , .	1.0	0
72	Editorial (Thematic Issue: &lt;i>In Silico&lt;/i> Drug Design and Medicinal Chemistry). Current Topics in Medicinal Chemistry, 2015, 15, 971-972.	1.0	8

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73	Computational pharmacokinetics and in <i>in vitro-in vivo</i> correlation of anti-diabetic synergistic phyto-composite blend. <i>World Journal of Diabetes</i> , 2015, 6, 1179.	1.3	5
74	The science of rabies in tropical regions: From epidemiological pandemonium to prevention. <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , 2015, 8, 210-214.	1.1	0
75	Triterpenic and monoterpenic esters from stems of <i>Ichnocarpus frutescens</i> and their drug likeness potential. <i>Medicinal Chemistry Research</i> , 2015, 24, 1427-1437.	1.1	3
76	Functional Correlation of Medicinal Chemistry and <i>Entamoeba histolytica</i> Treatment: An Emphasis on the Past, Present and Future Chemotherapy. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 15, 211-219.	1.1	3
77	Homology Modeling of MDR1 Gene MDR1_ENTHI of <i>E. histolytica</i> & its Molecular Docking with Anti- <i>Entamoeba Histolytica</i> Agents. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 980-989.	1.0	7
78	Chemometrics optimized extraction procedures, phytosynergistic blending and in vitro screening of natural enzyme inhibitors amongst leaves of Tulsi, Banyan and Jamun. <i>Pharmacognosy Magazine</i> , 2015, 11, 522.	0.3	11
79	Chemometrics Based Extraction of Polyphenolics from Fresh Tea Leaves and Processed Tea Showing In-Silico Docking and Antioxidative Theronostic Dietary Adjuvant in Alzheimer. <i>Indo Global Journal of Pharmaceutical Sciences</i> , 2015, 05, 171-191.	0.3	7
80	Synthesis & Biological Evaluation of 1, 3, 4- Oxadiazoles as Anticancer Agents. <i>Indo Global Journal of Pharmaceutical Sciences</i> , 2015, 05, 01-05.	0.3	4
81	Editorial (Thematic Issue: From Phytochemistry to Medicinal Chemistry: Isolation, Semisynthesis,) <i>Tj ETQq1 1 0.784314 rgBT /Overloc</i>	1.0	2
82	An Experimental Design Approach for Impurity Profiling of Valacyclovir-Related Products by RP-HPLC. <i>Scientia Pharmaceutica</i> , 2014, 82, 617-630.	0.7	10
83	<i>Strophanthus hispidus</i> attenuates the Ischemia-Reperfusion induced myocardial Infarction and reduces mean arterial pressure in renal artery occlusion. <i>Pharmacognosy Magazine</i> , 2014, 10, 557.	0.3	8
84	Antihyperlipidemic potential of <i>Albizia amara</i> (Roxb) Boiv. bark against Triton X-100 induced hyperlipidemic condition in rats. <i>Pharmacognosy Research (discontinued)</i> , 2014, 6, 267.	0.3	18
85	Mechanistic Evidence to Support the Anti-hepatitis B Viral Activity of Multifunctional Scaffold & Conformationally Restricted Magnolol. <i>The National Academy of Sciences, India</i> , 2014, 37, 45-50.	0.8	13
86	Design of Experiment Assisted UV-Visible Spectrophotometric and RP-HPLC Method Development for Ambrisentan Estimation in Bulk and Formulations. <i>World Journal of Analytical Chemistry</i> , 2014, 2, 23-30.	1.0	7
87	Insights on the Antioxidant Potential of 1, 2, 4-Triazoles: Synthesis, Screening & QSAR Studies. <i>Current Drug Metabolism</i> , 2014, 15, 389-397.	0.7	29
88	Antitrypanosomal Activity & Docking Studies of Components of <i>Crateva adansonii</i> DC Leaves: Novel Multifunctional Scaffolds. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 981-990.	1.0	19
89	Antitrypanosomal Activity & Docking Studies of Isolated Constituents from the Lichen <i>Cetraria islandica</i> : Possibly Multifunctional Scaffolds. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 1014-1021.	1.0	22
90	Mechanistic Explorations of Antidiabetic Potentials of <i>Sansevieria Trifasciata</i> . <i>Indo Global Journal of Pharmaceutical Sciences</i> , 2014, 04, 113-122.	0.3	4

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91	Exploration of natural enzyme inhibitors with hypoglycemic potentials amongst <i>Eucalyptus</i> Spp. by <i>in vitro</i> assays. <i>World Journal of Diabetes</i> , 2014, 5, 209.	1.3	18
92	Comparison of Risperidon & Olanzapine for Extrapyramidal Side Effects on Schizophrenic Patients in Haryana, India. <i>Indo Global Journal of Pharmaceutical Sciences</i> , 2014, 04, 91-99.	0.3	0
93	Therapeutic Spectrum of Bacterial Metabolites. <i>Indo Global Journal of Pharmaceutical Sciences</i> , 2014, 04, 52-64.	0.3	12
94	Synthesis and evaluation of antioxidant activity of novel 3,5-disubstituted-2-pyrazolines. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2013, 51, 167-173.	0.2	21
95	Current Updates on Oxazolidinone and Its Significance. <i>International Journal of Medicinal Chemistry</i> , 2012, 2012, 1-24.	2.2	53
96	Vasorelaxant and antihypertensive effect of <i>Cocos nucifera</i> Linn. endocarp on isolated rat thoracic aorta and DOCA salt-induced hypertensive rats. <i>Journal of Ethnopharmacology</i> , 2011, 134, 50-54.	2.0	57
97	Isolation and Characterization of Phytoconstituents from the Stems of <i>Ichnocarpus frutescens</i> . <i>Chinese Journal of Natural Medicines</i> , 2011, 8, 401-404.	0.7	9
98	Isolation and Characterization of Phytoconstituents from the Stems of <i>Ichnocarpus frutescens</i> . <i>Chinese Journal of Natural Medicines</i> , 2010, 8, 401-404.	0.7	5
99	QSAR model for predicting the fungicidal action of 1,2,4-triazole derivatives against <i>Candida albicans</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2010, 25, 696-701.	2.5	22
100	Honey bee sting and venom offering active as well as passive immunization could reduce swine flu pandemic A (H1N1). <i>Medical Hypotheses</i> , 2010, 74, 617-618.	0.8	4
101	<strong>Docking Studies and ADMET Profile of Streblusol E, Anti-hepatitis B viral Agent of <i>Streblus Asper</i></strong> . , 0, , .		0
102	<strong>Inhibition of Secretory Aspartyl Protease of <i>Candida albicans</i> by metabolites of <i>Streptomyces chrestomyceticus</i> strain ADP4</strong> . , 0, , .		1
103	<strong>Multimodal Perspectives of Nanotechnology and Nanoparticles in Drug Delivery</strong> . , 0, , .		0
104	<strong>Isolation of Novel Hyaluronidase Inhibitor from the Hard Shell of Coconut</strong> . , 0, , .		0
105	<strong>Docking Studies of Epigallocatechin Gallate as Natural DPP-IV Inhibitor</strong> . , 0, , .		1
106	<strong>Carbonic Anhydrases and their Physiological Roles</strong> . , 0, , .		4