

Rajeev Kumar Singla

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4001594/publications.pdf>

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 Polyphenols: Chemical Classification, Definition of Classes, Subcategories, and Structures. Journal of AOAC INTERNATIONAL, 2019, 102, 1397-1400.	0.7	242
2	Vasorelaxant and antihypertensive effect of Cocos nucifera Linn. endocarp on isolated rat thoracic aorta and DOCA salt-induced hypertensive rats. Journal of Ethnopharmacology, 2011, 134, 50-54.	2.0	57
3	Current Updates on Oxazolidinone and Its Significance. International Journal of Medicinal Chemistry, 2012, 2012, 1-24.	2.2	53
4	Natural Polyphenols: Chemical Classification, Definition of Classes, Subcategories, and Structures. Journal of AOAC INTERNATIONAL, 2019, 102, 1397-1400.	0.7	46
5	Emerging Virulence, Drug Resistance and Future Anti-fungal Drugs for Candida Pathogens. Current Topics in Medicinal Chemistry, 2018, 18, 759-778.	1.0	40
6	Docking Studies for Multi-Target Drugs. Current Drug Targets, 2017, 18, 592-604.	1.0	39
7	Molecules and Metabolites from Natural Products as Inhibitors of Biofilm in Candida spp. pathogens. Current Topics in Medicinal Chemistry, 2019, 19, 2567-2578.	1.0	31
8	Important Aspects of Post-Prandial Antidiabetic Drug, Acarbose. Current Topics in Medicinal Chemistry, 2016, 16, 2625-2633.	1.0	31
9	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
10	Insights on the Antioxidant Potential of 1, 2, 4-Triazoles: Synthesis, Screening & QSAR Studies. Current Drug Metabolism, 2014, 15, 389-397.	0.7	29
11	Multifaceted Effects of Lycopene: A Boulevard to the Multitarget-Based Treatment for Cancer. Molecules, 2021, 26, 5333.	1.7	28
12	Natural Products for the Prevention and Control of the COVID-19 Pandemic: Sustainable Bioresources. Frontiers in Pharmacology, 2021, 12, 758159.	1.6	25
13	Natural Products: Potential Source of DPP-IV Inhibitors. Current Protein and Peptide Science, 2019, 20, 1218-1225.	0.7	24
14	QSAR model for predicting the fungicidal action of 1,2,4-triazole derivatives against <i>Candida albicans</i> . Journal of Enzyme Inhibition and Medicinal Chemistry, 2010, 25, 696-701.	2.5	22
15	Antitrypanosomal Activity & Docking Studies of Isolated Constituents from the Lichen <i>Cetraria islandica</i> : Possibly Multifunctional Scaffolds. Current Topics in Medicinal Chemistry, 2014, 14, 1014-1021.	1.0	22
16	Synthesis and evaluation of antioxidant activity of novel 3,5-disubstituted-2-pyrazolines. Bulletin of Faculty of Pharmacy, Cairo University, 2013, 51, 167-173.	0.2	21
17	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
18	Phenolic Substances in Foods: Health Effects as Anti-Inflammatory and Antimicrobial Agents. Journal of AOAC INTERNATIONAL, 2019, 102, 1378-1387.	0.7	20

#	ARTICLE	IF	CITATIONS
19	Recent Advancement in Natural Hyaluronidase Inhibitors. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 2525-2531.	1.0	20
20	In Silico Studies Revealed Multiple Neurological Targets for the Antidepressant Molecule Ursolic Acid. <i>Current Neuropharmacology</i> , 2017, 15, 1100-1106.	1.4	20
21	Inhibition of Biofilm and Virulence Factors of <i>Candida albicans</i> by Partially Purified Secondary Metabolites of <i>Streptomyces chrestomyceticus</i> Strain ADP4. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 925-945.	1.0	19
22	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
23	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
24	Phytochemical Profiling, GC-MS Analysis and $\hat{\pm}$ -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
25	Effect of <i>Syzygium cumini</i> (jamun) seed powder on glycemic control: A double-blind randomized controlled trial. <i>JMS - Journal of Medical Society</i> , 2017, 31, 185.	0.2	18
26	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
27	Bergenin - A Biologically Active Scaffold: Nanotechnological Perspectives. <i>Current Topics in Medicinal Chemistry</i> , 2022, 22, 132-149.	1.0	17
28	Natural Product-Based Studies for the Management of Castration-Resistant Prostate Cancer: Computational to Clinical Studies. <i>Frontiers in Pharmacology</i> , 2021, 12, 732266.	1.6	17
29	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
30	Topical Capsaicin for the Treatment of Neuropathic Pain. <i>Current Drug Metabolism</i> , 2021, 22, 198-207.	0.7	15
31	Diabetes Mellitus and Male Aging: Pharmacotherapeutics and Clinical Implications. <i>Current Pharmaceutical Design</i> , 2017, 23, 4475-4483.	0.9	15
32	Editorial: Application of Plant Secondary Metabolites to Pain Neuromodulation. <i>Frontiers in Pharmacology</i> , 2020, 11, 623399.	1.6	14
33	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
34	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
35	Herbal Resources to Combat a Progressive & Degenerative Nervous System Disorder- Parkinson's Disease. <i>Current Drug Targets</i> , 2021, 22, 609-630.	1.0	13
36	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

#	ARTICLE	IF	CITATIONS
37	Secondary Metabolites as Treatment of Choice for Metabolic Disorders and Infectious Diseases and their Metabolic Profiling: Part 1. <i>Current Drug Metabolism</i> , 2020, 21, 480-481.	0.7	12
38	Therapeutic Spectrum of Bacterial Metabolites. <i>Indo Global Journal of Pharmaceutical Sciences</i> , 2014, 04, 52-64.	0.3	12
39	The Control of Maillard Reaction in Processed Foods. <i>Analytical Testing Methods for the Determination of 5-Hydroxymethylfurfural</i> . <i>Springer Briefs in Molecular Science</i> , 2018, , 15-26.	0.1	11
40	Isolation and Characterization of Nuciferic Acid, a Novel Keto Fatty Acid with Hyaluronidase Inhibitory Activity from <i>Cocos nucifera</i> Linn. <i>Endocarp</i> . <i>Current Topics in Medicinal Chemistry</i> , 2019, 18, 2367-2378.	1.0	11
41	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
42	The Genus <i>Alternanthera</i> : Phytochemical and Ethnopharmacological Perspectives. <i>Frontiers in Pharmacology</i> , 2022, 13, 769111.	1.6	11
43	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
44	Regulation of Pain Genes—Capsaicin vs Resiniferatoxin: Reassessment of Transcriptomic Data. <i>Frontiers in Pharmacology</i> , 2020, 11, 551786.	1.6	10
45	Phytomedicine in Disease Management: In-Silico Analysis of the Binding Affinity of Artesunate and Azadirachtin for Malaria Treatment. <i>Frontiers in Pharmacology</i> , 2021, 12, 751032.	1.6	10
46	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
47	Analytical Methods for the Assessment of Maillard Reactions in Foods. <i>Springer Briefs in Molecular Science</i> , 2018, , .	0.1	9
48	Isolation and Characterization of Phytoconstituents from the Stems of <i>Alchornea cordata</i> and <i>Alchornea cordata</i> . <i>Chinese Journal of Natural Medicines</i> , 2011, 8, 401-404.	0.7	9
49	<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
50	Editorial (Thematic Issue: <i>In Silico</i> Drug Design and Medicinal Chemistry). <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 971-972.	1.0	8
51	Unleashing the Potential of Microbial Natural Products in Drug Discovery: Focusing on <i>Streptomyces</i> as Antimicrobials Goldmine. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 2374-2396.	1.0	8
52	Isolation, Docking and In Silico ADME-T Studies of Acacianol: Novel Antibacterial Isoflavone Analogue Isolated from <i>Acacia leucophloea</i> Bark. <i>Current Drug Metabolism</i> , 2021, 22, 893-904.	0.7	8
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	Secondary Metabolites as Treatment of Choice for Metabolic Disorders and Infectious Diseases and their Metabolic Profiling - Part 3. <i>Current Drug Metabolism</i> , 2021, 22, 412-414.	0.7	7
56	Homology Modeling of MDR1 Gene MDR1_ENTHI of <i>E. histolytica</i> & its Molecular Docking with Anti-Entamoeba Histolytica Agents. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 980-989.	1.0	7
57	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
58	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
59	Computational pharmacokinetics and in <i>in vitro</i> - <i>in vivo</i> correlation of anti-diabetic synergistic phyto-composite blend. <i>World Journal of Diabetes</i> , 2015, 6, 1179.	1.3	5
60	Current Trends in Anti-Candida Drug Development. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 2525-2526.	1.0	5
61	Studies on the Determination of Antioxidant Activity and Phenolic Content of Plant Products in India (2000-2017). <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 1407-1413.	0.7	5
62	Data-driven microbiota biomarker discovery for personalized drug therapy of cardiovascular disease. <i>Pharmacological Research</i> , 2020, 161, 105225.	3.1	5
63	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
64	The Combination of Tradition and Future: Data-Driven Natural-Product-Based Treatments for Parkinson's Disease. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-8.	0.5	5
65	In silico molecular GRIP docking of some secondary metabolites combating diabetes. <i>Bulletin of the National Research Centre</i> , 2020, 44, .	0.7	5
66	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
67	Perspectives in Medicinal Chemistry. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 2725-2726.	1.0	4
68	Studies on the Determination of Antioxidant Activity and Phenolic Content of Plant Products in India (2000-2017). <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 1407-1413.	0.7	4
69	Secondary Metabolites as Treatment of Choice for Metabolic Disorders and Infectious Diseases & their Metabolic Profiling-Part 2. <i>Current Drug Metabolism</i> , 2020, 21, 1070-1071.	0.7	4
70	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
71	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
72	Carbonic Anhydrases and their Physiological Roles. , 0, , .		4

#	ARTICLE	IF	CITATIONS
73	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
74	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
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	Phenothiazines and Related Drugs as Multi Drug Resistance Reversal Agents in Cancer Chemotherapy Mediated by p-glycoprotein. <i>Current Cancer Therapy Reviews</i> , 2017, 13, .	0.2	3
77	Analytical Methods for the Determination of Furosin in Food Products. <i>Springer Briefs in Molecular Science</i> , 2018, , 27-35.	0.1	3
78	Melanoidins and Browning Reactions in Processed Foods. Quantitative Determinations, Colour Measurement, and Sensorial Assessment. <i>Springer Briefs in Molecular Science</i> , 2018, , 47-54.	0.1	3
79	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
80	Translational Informatics for Natural Products as Antidepressant Agents. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 738838.	1.8	3
81	Challenging the Illusion: Health Equity Amidst New Variants. <i>International Journal of Public Health</i> , 2022, 67, 1604896.	1.0	3
82	Vaccines and Immunoinformatics for Vaccine Design. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1368, 95-110.	0.8	3
83	Editorial (Thematic Issue: From Phytochemistry to Medicinal Chemistry: Isolation, Semisynthesis,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 22</i>	1.0	2
84	The Analytical Evaluation of Acrylamide in Foods as a Maillard Reaction Product. <i>Springer Briefs in Molecular Science</i> , 2018, , 37-45.	0.1	2
85	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
86	Neurobehavioral and Biochemical Evidences in Support of Protective Effect of Marrubiin (Furan) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22</i> Experimental Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-13.	0.5	2
87	Editorial (Thematic Issue: Natural Leads in Drug Discovery against Metabolic Disorders and their) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 22</i>	1.0	1
88	Analytical Methods for the Determination of Maillard Reaction Products in Foods. An Introduction. <i>Springer Briefs in Molecular Science</i> , 2018, , 1-14.	0.1	1
89	Perspectives on Anti-Candida Drug Development. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 2375-2376.	1.0	1
90	Indian Herbal Extracts as Antimicrobial Agents. <i>Springer Briefs in Molecular Science</i> , 2021, , 31-40.	0.1	1

#	ARTICLE	IF	CITATIONS
91	Inhibition of Secretory Aspartyl Protease of Candida albicans by metabolites of Streptomyces chrestomycticus strain ADP4. , 0, , .		1
92	Docking Studies of Epigallocatechin Gallate as Natural DPP-IV Inhibitor. , 0, , .		1
93	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
94	In Silico Drug Discovery for Treatment of Virus Diseases. Advances in Experimental Medicine and Biology, 2022, 1368, 73-93.	0.8	1
95	The science of rabies in tropical regions: From epidemiological pandemonium to prevention. Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences, 2015, 8, 210-214.	1.1	0
96	Relevance of Ayurveda. Therapy of Holistic Application and Classification of Herbs. Springer Briefs in Molecular Science, 2021, , 1-29.	0.1	0
97	Indian Herbal Extract as Antioxidant Agents. Springer Briefs in Molecular Science, 2021, , 41-47.	0.1	0
98	Natural Antioxidant Agents for Treatment of Metabolic Diseases and Disorders. Springer Briefs in Molecular Science, 2021, , 49-54.	0.1	0
99	Comparison of Risperidon & Olanzapine for Extrapyramidal Side Effects on Schizophrenic Patients in Haryana, India. Indo Global Journal of Pharmaceutical Sciences, 2014, 04, 91-99.	0.3	0
100	Docking Studies and ADMET Profile of Streblusol E, Anti-hepatitis B viral Agent of Streblus Asper. , 0, , .		0
101	Multimodal Perspectives of Nanotechnology and Nanoparticles in Drug Delivery. , 0, , .		0
102	Isolation of Novel Hyaluronidase Inhibitor from the Hard Shell of Coconut. , 0, , .		0
103	In silico analysis of drug delivery in respiratory disease. , 2020, , 163-169.		0
104	Food Industries and Recycled Water. , 2020, , 267-277.		0
105	Perspectives in Medicinal Chemistry. Current Topics in Medicinal Chemistry, 2016, , .	1.0	0
106	Editorial: Natural Leads in Drug Discovery against Metabolic Disorders and their Related Infectious Diseases. Current Topics in Medicinal Chemistry, 2016, , .	1.0	0