

# Hardeep Singh Tuli

## List of Publications by Year in descending order

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Version: 2024-02-01

105  
papers

4,828  
citations

117625

34  
h-index

102487

66  
g-index

107  
all docs

107  
docs citations

107  
times ranked

6052  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Reactive Oxygen Species in Cancer Progression: Molecular Mechanisms and Recent Advancements. <i>Biomolecules</i> , 2019, 9, 735.	4.0	759
2	Natural product-based nanoformulations for cancer therapy: Opportunities and challenges. <i>Seminars in Cancer Biology</i> , 2021, 69, 5-23.	9.6	241
3	Cordycepin: A bioactive metabolite with therapeutic potential. <i>Life Sciences</i> , 2013, 93, 863-869.	4.3	235
4	Molecular Mechanisms of Action of Genistein in Cancer: Recent Advances. <i>Frontiers in Pharmacology</i> , 2019, 10, 1336.	3.5	234
5	Ursolic acid (UA): A metabolite with promising therapeutic potential. <i>Life Sciences</i> , 2016, 146, 201-213.	4.3	231
6	Microbial pigments as natural color sources: current trends and future perspectives. <i>Journal of Food Science and Technology</i> , 2015, 52, 4669-4678.	2.8	195
7	Fisetin and Quercetin: Promising Flavonoids with Chemopreventive Potential. <i>Biomolecules</i> , 2019, 9, 174.	4.0	167
8	Kaempferol – A dietary anticancer molecule with multiple mechanisms of action: Recent trends and advancements. <i>Journal of Functional Foods</i> , 2017, 30, 203-219.	3.4	160
9	Molecular mechanisms of action of hesperidin in cancer: Recent trends and advancements. <i>Experimental Biology and Medicine</i> , 2020, 245, 486-497.	2.4	115
10	Fisetin: A bioactive phytochemical with potential for cancer prevention and pharmacotherapy. <i>Life Sciences</i> , 2018, 194, 75-87.	4.3	109
11	Molecular targets of celastrol in cancer: Recent trends and advancements. <i>Critical Reviews in Oncology/Hematology</i> , 2018, 128, 70-81.	4.4	109
12	Ursolic Acid and Oleanolic Acid: Pentacyclic Terpenoids with Promising Anti-Inflammatory Activities. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2016, 10, 21-33.	3.6	103
13	Molecular mechanisms of action of quercetin in cancer: recent advances. <i>Tumor Biology</i> , 2016, 37, 12927-12939.	1.8	96
14	Molecular mechanisms of action of epigallocatechin gallate in cancer: Recent trends and advancement. <i>Seminars in Cancer Biology</i> , 2022, 80, 256-275.	9.6	96
15	Molecular mechanisms underlying chemopreventive potential of curcumin: Current challenges and future perspectives. <i>Life Sciences</i> , 2016, 148, 313-328.	4.3	94
16	Ferulic Acid: A Promising Therapeutic Phytochemical and Recent Patents Advances. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2019, 13, 115-123.	3.6	90
17	Therapeutic charm of quercetin and its derivatives: a review of research and patents. <i>Pharmaceutical Patent Analyst</i> , 2018, 7, 15-32.	1.1	89
18	Apigenin: A natural bioactive flavone-type molecule with promising therapeutic function. <i>Journal of Functional Foods</i> , 2018, 48, 457-471.	3.4	85

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19	Molecular targets of gambogic acid in cancer: recent trends and advancements. <i>Tumor Biology</i> , 2016, 37, 12915-12925.	1.8	79
20	The recently emerged BA.4 and BA.5 lineages of Omicron and their global health concerns amid the ongoing wave of COVID-19 pandemic – Correspondence. <i>International Journal of Surgery</i> , 2022, 103, 106698.	2.7	76
21	Molecular Mechanisms of Action of Tocotrienols in Cancer: Recent Trends and Advancements. <i>International Journal of Molecular Sciences</i> , 2019, 20, 656.	4.1	73
22	Isothiocyanates: a class of bioactive metabolites with chemopreventive potential. <i>Tumor Biology</i> , 2015, 36, 4005-4016.	1.8	70
23	Unexpected sudden rise of human monkeypox cases in multiple non-endemic countries amid COVID-19 pandemic and salient counteracting strategies: Another potential global threat?. <i>International Journal of Surgery</i> , 2022, 103, 106705.	2.7	56
24	Molecular aspects of metal oxide nanoparticle (MO-NPs) mediated pharmacological effects. <i>Life Sciences</i> , 2015, 143, 71-79.	4.3	54
25	Mechanistic insight into carnosol-mediated pharmacological effects: Recent trends and advancements. <i>Life Sciences</i> , 2017, 169, 27-36.	4.3	51
26	Baicalein: A metabolite with promising antineoplastic activity. <i>Life Sciences</i> , 2020, 259, 118183.	4.3	50
27	Path of Silibinin from diet to medicine: A dietary polyphenolic flavonoid having potential anti-cancer therapeutic significance. <i>Seminars in Cancer Biology</i> , 2021, 73, 196-218.	9.6	50
28	Advances in nanotechnology for diagnosis and treatment of tuberculosis. <i>Current Opinion in Pulmonary Medicine</i> , 2013, 19, 289-297.	2.6	48
29	Molecular aspects of melatonin (MLT)-mediated therapeutic effects. <i>Life Sciences</i> , 2015, 135, 147-157.	4.3	48
30	Role of Reactive Oxygen Species in Cancer Progression. <i>Current Pharmacology Reports</i> , 2019, 5, 79-86.	3.0	48
31	Bioactive metabolites of <i>Ganoderma lucidum</i> : Factors, mechanism and broad spectrum therapeutic potential. <i>Journal of Herbal Medicine</i> , 2019, 17-18, 100268.	2.0	44
32	Garcinol Exhibits Anti-Neoplastic Effects by Targeting Diverse Oncogenic Factors in Tumor Cells. <i>Biomedicines</i> , 2020, 8, 103.	3.2	44
33	Emergence of Circulating MicroRNAs in Breast Cancer as Diagnostic and Therapeutic Efficacy Biomarkers. <i>Molecular Diagnosis and Therapy</i> , 2020, 24, 153-173.	3.8	44
34	Long non-coding RNA TINCR as potential biomarker and therapeutic target for cancer. <i>Life Sciences</i> , 2020, 257, 118035.	4.3	41
35	Sensitivity to Vaccines, Therapeutic Antibodies, and Viral Entry Inhibitors and Advances To Counter the SARS-CoV-2 Omicron Variant. <i>Clinical Microbiology Reviews</i> , 2022, 35, .	13.6	35
36	Celastrol as a pentacyclic triterpenoid with chemopreventive properties. <i>Pharmaceutical Patent Analyst</i> , 2018, 7, 155-167.	1.1	34

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37	The recombinant variants of SARS-CoV-2: Concerns continues amid COVID-19 pandemic. <i>Journal of Medical Virology</i> , 2022, 94, 3506-3508.	5.0	33
38	Probing into Therapeutic Anti-cancer Potential of Apigenin: Recent Trends and Future Directions. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2019, 13, 124-133.	3.6	32
39	Adjunct use of honey in diabetes mellitus: A consensus or conundrum?. <i>Trends in Food Science and Technology</i> , 2020, 106, 254-274.	15.1	31
40	COVID-19 Pandemic: from Molecular Biology, Pathogenesis, Detection, and Treatment to Global Societal Impact. <i>Current Pharmacology Reports</i> , 2020, 6, 212-227.	3.0	31
41	Oncogenic and Tumor-Suppressive Roles of MicroRNAs with Special Reference to Apoptosis: Molecular Mechanisms and Therapeutic Potential. <i>Molecular Diagnosis and Therapy</i> , 2018, 22, 179-201.	3.8	30
42	Therapeutic and Industrial Applications of Curdlan With Overview on Its Recent Patents. <i>Frontiers in Nutrition</i> , 2021, 8, 646988.	3.7	27
43	Anti-Inflammatory and Anticancer Properties of Birch Bark-Derived Betulin: Recent Developments. <i>Plants</i> , 2021, 10, 2663.	3.5	27
44	Cancer Chemoprevention by Flavonoids, Dietary Polyphenols and Terpenoids. <i>Biointerface Research in Applied Chemistry</i> , 2020, 11, 8502-8537.	1.0	26
45	Therapeutic Applications of Human and Bovine Colostrum in the Treatment of Gastrointestinal Diseases and Distinctive Cancer Types: The Current Evidence. <i>Frontiers in Pharmacology</i> , 2020, 11, 01100.	3.5	25
46	Apoptotic effect of cordycepin on A549 human lung cancer cell line. <i>Turkish Journal of Biology</i> , 2015, 39, 306-311.	0.8	23
47	Antioxidant Phytoconstituents From <i>Onosma bracteata</i> Wall. (Boraginaceae) Ameliorate the CCl <sub>4</sub> Induced Hepatic Damage: In Vivo Study in Male Wistar Rats. <i>Frontiers in Pharmacology</i> , 2020, 11, 1301.	3.5	22
48	Zinc Oxide Nanoparticles: from Biosynthesis, Characterization, and Optimization to Synergistic Antibacterial Potential. <i>Current Pharmacology Reports</i> , 2021, 7, 15-25.	3.0	22
49	Gallic Acid: A Dietary Polyphenol that Exhibits Anti-neoplastic Activities by Modulating Multiple Oncogenic Targets. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 499-514.	1.7	21
50	In-doped ZnS nanoparticles: structural, morphological, optical and antibacterial properties. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	19
51	Deguelin targets multiple oncogenic signaling pathways to combat human malignancies. <i>Pharmacological Research</i> , 2021, 166, 105487.	7.1	18
52	Metal nanoparticles in cancer: from synthesis and metabolism to cellular interactions. <i>Journal of Nanostructure in Chemistry</i> , 2023, 13, 321-348.	9.1	18
53	NOTCH signaling: Journey of an evolutionarily conserved pathway in driving tumor progression and its modulation as a therapeutic target. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 164, 103403.	4.4	17
54	Ayurveda and Allopathic Therapeutic Strategies in Coronavirus Pandemic Treatment 2020. <i>Current Pharmacology Reports</i> , 2020, 6, 354-363.	3.0	16

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55	Molecular mechanisms underlying chemopreventive potential of butein: Current trends and future perspectives. <i>Chemico-Biological Interactions</i> , 2021, 350, 109699.	4.0	16
56	The effect of metal-containing nanoparticles on the health, performance and production of livestock animals and poultry. <i>Veterinary Quarterly</i> , 2022, 42, 68-94.	6.7	16
57	Five-Decade Update on Chemopreventive and Other Pharmacological Potential of Kurarinone: a Natural Flavanone. <i>Frontiers in Pharmacology</i> , 2021, 12, 737137.	3.5	15
58	Baicalein: promising therapeutic applications with special reference to published patents. <i>Pharmaceutical Patent Analyst</i> , 2022, 11, 23-32.	1.1	14
59	Efficacy and Safety of New and Emerging Drugs for COVID-19: Favipiravir and Dexamethasone. <i>Current Pharmacology Reports</i> , 2021, 7, 49-54.	3.0	11
60	Emodin: A metabolite that exhibits anti-neoplastic activities by modulating multiple oncogenic targets. <i>Toxicology in Vitro</i> , 2021, 73, 105142.	2.4	11
61	STAT signaling as a target for intervention: from cancer inflammation and angiogenesis to non-coding RNAs modulation. <i>Molecular Biology Reports</i> , 2022, 49, 8987-8999.	2.3	9
62	Targeting Akt/NF- $\kappa$ B/p53 Pathway and Apoptosis Inducing Potential of 1,2-Benzenedicarboxylic Acid, Bis (2-Methyl Propyl) Ester Isolated from <i>Onosma bracteata</i> Wall. against Human Osteosarcoma (MG-63) Cells. <i>Molecules</i> , 2022, 27, 3478.	3.8	9
63	Prevalence of multidrug-resistant strains in device associated nosocomial infection and their in vitro killing by nanocomposites. <i>Annals of Medicine and Surgery</i> , 2022, 78, .	1.1	8
64	Potential Therapeutic Target Protein Tyrosine Phosphatase-1B for Modulation of Insulin Resistance with Polyphenols and Its Quantitative Structure-Activity Relationship. <i>Molecules</i> , 2022, 27, 2212.	3.8	7
65	Galangin: A metabolite that suppresses anti-neoplastic activities through modulation of oncogenic targets. <i>Experimental Biology and Medicine</i> , 2022, 247, 345-359.	2.4	7
66	Metal Complexation and Patent Studies of Flavonoid. , 2019, , 39-89.		6
67	Synthesis, Characterization and Biological Studies of Novel Schiff Base viz. Bis-1,1'-(pyridine-2,6-diyl-dieth-1-yl-1-ylidene) biguanidine and Their Transition Metal Complexes. <i>Asian Journal of Chemistry</i> , 2019, 31, 799-804.	0.3	6
68	Xanthohumol: A Metabolite with Promising Anti-Neoplastic Potential. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 418-432.	1.7	6
69	Cordycepin: A Cordyceps Metabolite with Promising Therapeutic Potential. , 2015, , 1-22.		6
70	A Pleiotropic Role of Long Non-Coding RNAs in the Modulation of Wnt/ $\beta$ -Catenin and PI3K/Akt/mTOR Signaling Pathways in Esophageal Squamous Cell Carcinoma: Implication in Chemotherapeutic Drug Response. <i>Current Oncology</i> , 2022, 29, 2326-2349.	2.2	6
71	Flavonoids in Triple Negative Breast Cancer: Chemopreventive Phytonutrients. <i>Archives in Cancer Research</i> , 2018, 06, .	0.3	5
72	Recent patents on therapeutic activities of xanthohumol: a prenylated chalconoid from hops ( <i>Humulus lupulus</i> L.). <i>Pharmaceutical Patent Analyst</i> , 2021, 10, 37-49.	1.1	4

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73	Lefamulin: a New Hope in the Field of Community-Acquired Bacterial Pneumonia. <i>Current Pharmacology Reports</i> , 2022, 8, 418-426.	3.0	4
74	Organotin (IV) complexes derived from Schiff base 1,3-bis[(1E)-1-(2-hydroxyphenyl)ethylidene] thiourea: synthesis, spectral investigation and biological study to molecular docking. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 1923-1935.	2.2	3
75	Molecular Evolution of Severe Acute Respiratory Syndrome Coronavirus 2: Hazardous and More Hazardous Strains Behind the Coronavirus Disease 2019 Pandemic and Their Targeting by Drugs and Vaccines. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 763687.	3.9	3
76	Emerging cases of acute hepatitis of unknown origin in children amid the ongoing COVID-19 pandemic: Needs attention – Correspondence. <i>International Journal of Surgery</i> , 2022, 102, 106682.	2.7	3
77	A Novel Synthesis, Characterization and Biological Studies of Ferrocenyl Substituted Pyrazoles. <i>Asian Journal of Chemistry</i> , 2019, 31, 2729-2732.	0.3	2
78	Natural Moieties as Anti-Inflammatory Agents-Recent Patents. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2019, 13, 83-83.	3.6	2
79	Synthesis and Spectral Studies of 4,4'-((Hydrazine-1,2-diylidenedimethylidene)-bis-(2- methoxyphenol) and Its Transition Metal Complexes with Promising Biological Activities. <i>Asian Journal of Chemistry</i> , 2020, 32, 1768-1772.	0.3	2
80	Mechanistic insight into anti-COVID-19 drugs: recent trends and advancements. <i>3 Biotech</i> , 2021, 11, 110.	2.2	2
81	Cordycepin: A Cordyceps Metabolite with Promising Therapeutic Potential. , 2017, , 761-782.		2
82	Celastrol Mediated Hsp90 Protein Inhibition in Cancer. <i>Global Journal of Pharmacy &amp; Pharmaceutical Sciences</i> , 2018, 5, .	0.0	2
83	ZnO nanoparticle with promising antimicrobial and antiproliferation synergistic properties. <i>Comprehensive Analytical Chemistry</i> , 2019, , 251-262.	1.3	2
84	Designing Personalized and Innovative Novel Drug Therapies for Cancer Treatment. , 2020, , 213-228.		2
85	Filamentous Thermosensitive Mutant Z: An Appealing Target for Emerging Pathogens and a Trek on Its Natural Inhibitors. <i>Biology</i> , 2022, 11, 624.	2.8	2
86	Clinical applications of adipose-derived stromal vascular fraction in veterinary practice. <i>Veterinary Quarterly</i> , 2022, 42, 151-166.	6.7	2
87	Flavones: Flavonoids Having Chemico-Biological Properties with a Preview into Anticancer Action Mechanism. , 2019, , 71-89.		1
88	Synthesis and Spectral Investigations of Polymeric Hydrazone Schiff Base and its Transition Metal Complexes with Promising Antimicrobial, Anti-Angeogenic and DNA Photo-Cleavage Activities. <i>Asian Journal of Chemistry</i> , 2019, 31, 2331-2336.	0.3	1
89	Ferrocenyl Substituted Pyrazoles, Synthesis via novel route, Spectral Investigations and Their Biological Studies. <i>Oriental Journal of Chemistry</i> , 2019, 35, 863-869.	0.3	1
90	Chemistry and Synthetic Overview of Flavonoids. , 2019, , 23-38.		1

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91	Editorial: Current Aspects in Chemopreventive Strategies. <i>Frontiers in Pharmacology</i> , 2020, 11, 607503.	3.5	1
92	In silico Molecular Docking of $\alpha$ -Glucosidase with Prangenidin and Columbin As An Anti-Hyperglycemic Strategy. <i>Bioscience Biotechnology Research Communications</i> , 2021, 14, 1191-1197.	0.1	1
93	Cell Cycle Arrest: An Impending Therapeutic Strategy to Curb Cancer. , 2020, , 45-63.		1
94	History of Oncotherapies in Cancer Biology. , 2020, , 1-13.		1
95	Synthesis, Spectral Investigations, Biological Potential and Molecular Docking Study of Novel Schiff Base and its Transition Metal Complexes. <i>Anti-Infective Agents</i> , 2022, 20, .	0.4	1
96	Plastic Waste in India: overview, impact, and measures to mitigate: Review. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2022, 10, 456-473.	0.4	1
97	Flavonoids as Emerging Anticancer Agents: Current Trends and Recent Advances in Phytotherapy. , 2019, , 91-123.		0
98	<i>Ophiocordyceps sinensis</i> . , 2019, , 527-537.		0
99	Cancer preventive role of olives and olive oil via modulation of apoptosis and nuclear factor-kappa B activation. , 2021, , 377-388.		0
100	Regulatory Roles of Autophagy in Cancer. , 2020, , 89-107.		0
101	Metastasis: A Major Driver of Cancer Pathogenesis. , 2020, , 185-211.		0
102	Synthesis, Characterization and Antimicrobial Screening of Some Organotin Complexes Derived from Salicyl Hydrazide Schiff Bases. <i>Asian Journal of Chemistry</i> , 2021, 33, 2977-2981.	0.3	0
103	Synthesis, Characterization and Biological Screening of Novel Imidazolylpyrazole Scaffolds. <i>Asian Journal of Chemistry</i> , 2022, 34, 614-618.	0.3	0
104	Editorial: COVID 19: New Variants and Host Demography. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 905817.	3.9	0
105	Morphotaxometry and Ultratopography of <i>Lytocestus haryanaii</i> n.sp. (Caryophyllidea: Lytocestidae) from the intestine of freshwater catfish <i>Clarias batrachus</i> Linnaeus 1758 (Siluriformes: Clariidae) of river Yamuna, Yamuna Nagar, Haryana, India. <i>Journal of Experimental Biology and Agricultural Sciences</i> . 2022, 10, 554-566.	0.4	0