

# Mandeep Kaur

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/253174/publications.pdf>

Version: 2024-02-01

93  
papers

3,029  
citations

218677

26  
h-index

182427

51  
g-index

95  
all docs

95  
docs citations

95  
times ranked

5421  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Atlas of Combinatorial Transcriptional Regulation in Mouse and Man. <i>Cell</i> , 2010, 140, 744-752.	28.9	667
2	The transcriptional network that controls growth arrest and differentiation in a human myeloid leukemia cell line. <i>Nature Genetics</i> , 2009, 41, 553-562.	21.4	408
3	Antiviral Lead Compounds from Marine Sponges. <i>Marine Drugs</i> , 2010, 8, 2619-2638.	4.6	201
4	Deciphering the transcriptional circuitry of microRNA genes expressed during human monocytic differentiation. <i>BMC Genomics</i> , 2009, 10, 595.	2.8	65
5	A novel multi-objective bacteria foraging optimization algorithm (MOBFOA) for multi-objective scheduling. <i>Applied Soft Computing Journal</i> , 2018, 66, 183-195.	7.2	62
6	Cytotoxicity and Apoptosis Induced by a Plumbagin Derivative in Estrogen Positive MCF-7 Breast Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 170-180.	1.7	57
7	Synthesis of novel 1H-1,2,3-triazole tethered C-5 substituted uracilâ€“isatin conjugates and their cytotoxic evaluation. <i>European Journal of Medicinal Chemistry</i> , 2012, 58, 153-159.	5.5	51
8	Induction of apoptosis in cancer cell lines by the Red Sea brine pool bacterial extracts. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 344.	3.7	49
9	Molecular characterization of multiple xylanase producing thermophilic/thermotolerant fungi isolated from composting materials. <i>Letters in Applied Microbiology</i> , 2008, 46, 526-535.	2.2	48
10	A systematic study of load balancing approaches in the fog computing environment. <i>Journal of Supercomputing</i> , 2021, 77, 9202-9247.	3.6	45
11	Prevalence study of oral mucosal lesions, mucosal variants, and treatment required for patients reporting to a dental school in North India: In accordance with WHO guidelines. <i>Journal of Family and Community Medicine</i> , 2013, 20, 41.	1.1	44
12	1<i>H</i>-1,2,3-Triazole Tethered Nitroimidazoleâ€“Isatin Conjugates: Synthesis, Docking, and Anti-Proliferative Evaluation against Breast Cancer. <i>ACS Omega</i> , 2018, 3, 12106-12113.	3.5	43
13	Bio-Inspired Workflow Scheduling on HPC Platforms. <i>TehniĀki Glasnik</i> , 2021, 15, 60-68.	0.7	43
14	A comprehensive survey on investigation techniques of exhaled breath (EB) for diagnosis of diseases in human body. <i>Informatics in Medicine Unlocked</i> , 2021, 26, 100715.	3.4	40
15	Synthesis, computational studies and antiproliferative activities of coumarin-tagged 1,3,4-oxadiazole conjugates against MDA-MB-231 and MCF-7 human breast cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5612-5623.	3.0	39
16	Targeting cellular cholesterol for anticancer therapy. <i>FEBS Journal</i> , 2019, 286, 4192-4208.	4.7	39
17	DDPC: Dragon Database of Genes associated with Prostate Cancer. <i>Nucleic Acids Research</i> , 2011, 39, D980-D985.	14.5	38
18	Database for exploration of functional context of genes implicated in ovarian cancer. <i>Nucleic Acids Research</i> , 2009, 37, D820-D823.	14.5	37

#	ARTICLE	IF	CITATIONS
19	Azide-Alkyne Cycloaddition En Route to 1 <i>H</i> -1,2,3-Triazole-Tethered Isatin-Ferrocene, Ferrocenylmethoxy-Isatin, and Isatin-Ferrocenylchalcone Conjugates: Synthesis and Antiproliferative Evaluation. ACS Omega, 2018, 3, 1263-1268.	3.5	37
20	A functional SNP in the regulatory region of the decay-accelerating factor gene associates with extraocular muscle pareses in myasthenia gravis. Genes and Immunity, 2010, 11, 1-10.	4.1	35
21	Impact of industrial 4.0 on environment along with correlation between economic growth and carbon emissions. International Journal of Systems Assurance Engineering and Management, 2022, 13, 415-423.	2.4	35
22	Comparison of reliability of lateral cephalogram and computed tomography for assessment of airway space. Nigerian Journal of Clinical Practice, 2014, 17, 629.	0.6	34
23	Selective hydrogenation of nitriles to secondary amines catalyzed by a pyridyl-functionalized and alkenyl-tethered NHC-Ru(II) complex. Journal of Organometallic Chemistry, 2016, 812, 87-94.	1.8	31
24	Cytotoxic and apoptotic evaluations of marine bacteria isolated from brine-seawater interface of the Red Sea. BMC Complementary and Alternative Medicine, 2013, 13, 29.	3.7	30
25	Two-step protocol for preparing adherent cells for high-throughput flow cytometry. BioTechniques, 2015, 59, 119-126.	1.8	28
26	Impact of sesquiterpenes from <i>Inula racemosa</i> (Asteraceae) on growth, development and nutrition of <i>Spodoptera litura</i> (Lepidoptera: Noctuidae). Pest Management Science, 2017, 73, 1031-1038.	3.4	27
27	A Proton-Responsive Pyridyl(benzamide)-Functionalized NHC Ligand on Ir Complex for Alkylation of Ketones and Secondary Alcohols. Chemistry - A European Journal, 2021, 27, 10737-10748.	3.3	27
28	Discovery of resources using MADM approaches for parallel and distributed computing. Engineering Science and Technology, an International Journal, 2017, 20, 1013-1024.	3.2	26
29	Design, synthesis, anti-proliferative evaluation and docking studies of 1 <i>H</i> -1,2,3-triazole tethered ospemifene-isatin conjugates as selective estrogen receptor modulators. New Journal of Chemistry, 2018, 42, 3703-3713.	2.8	25
30	The 5-HTTLPR polymorphism in South African healthy populations: a global comparison. Journal of Neural Transmission, 2008, 115, 755-760.	2.8	24
31	DDEC: Dragon database of genes implicated in esophageal cancer. BMC Cancer, 2009, 9, 219.	2.6	24
32	Schizophyllum commune induced genotoxic and cytotoxic effects in Spodoptera litura. Scientific Reports, 2018, 8, 4693.	3.3	24
33	Convergence of Smart Technologies for Digital Transformation. TehniÄki Glasnik, 2021, 15, II-IV.	0.7	23
34	5-HTTLPR Polymorphism: Analysis in South African Autistic Individuals. Human Biology, 2010, 82, 291-300.	0.2	22
35	Comparative evaluation of curcumin and antioxidants in the management of oral submucous fibrosis. Journal of Investigative and Clinical Dentistry, 2019, 10, e12464.	1.8	22
36	Identification of CETP as a molecular target for estrogen positive breast cancer cell death by cholesterol depleting agents. Genes and Cancer, 2016, 7, 309-322.	1.9	21

#	ARTICLE	IF	CITATIONS
37	Elitist multi-objective bacterial foraging evolutionary algorithm for multi-criteria based grid scheduling problem. , 2016, , .		20
38	Design, synthesis, and anti-proliferative evaluation of 1 <i>H</i> -1,2,3-triazole grafted tetrahydro- $\beta$ -carboline-chalcone/ferrocenylchalcone conjugates in estrogen responsive and triple negative breast cancer cells. <i>New Journal of Chemistry</i> , 2020, 44, 11137-11147.	2.8	20
39	FOCALB: Fog Computing Architecture of Load Balancing for Scientific Workflow Applications. <i>Journal of Grid Computing</i> , 2021, 19, 1.	3.9	20
40	Anti-cancer activities of diospyrin, its derivatives and analogues. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3519-3530.	5.5	19
41	Diastereoselective approach to rationally design tetrahydro- $\beta$ -carboline- $\alpha$ -isatin conjugates as potential SERMs against breast cancer. <i>RSC Advances</i> , 2019, 9, 9809-9819.	3.6	19
42	Association Analysis of Two Single-Nucleotide Polymorphisms of the <i>RELN</i> Gene with Autism in the South African Population. <i>Genetic Testing and Molecular Biomarkers</i> , 2013, 17, 93-98.	0.7	18
43	DDESC: Dragon database for exploration of sodium channels in human. <i>BMC Genomics</i> , 2008, 9, 622.	2.8	17
44	Angina bullosa hemorrhagica: Report of two cases. <i>Indian Journal of Dermatology</i> , 2012, 57, 503.	0.3	17
45	Dragon exploration system on marine sponge compounds interactions. <i>Journal of Cheminformatics</i> , 2013, 5, 11.	6.1	16
46	Anticancer activities of vitamin K3 analogues. <i>Investigational New Drugs</i> , 2020, 38, 378-391.	2.6	16
47	An endophytic <i>Penicillium oxalicum</i> isolated from <i>Citrus limon</i> possesses antioxidant and genoprotective potential. <i>Journal of Applied Microbiology</i> , 2020, 128, 1400-1413.	3.1	16
48	Mechanistic Insights Delineating the Role of Cholesterol in Epithelial Mesenchymal Transition and Drug Resistance in Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 728325.	3.7	16
49	An Energy-Efficient Load Balancing Approach for Scientific Workflows in Fog Computing. <i>Wireless Personal Communications</i> , 2022, 125, 3549-3573.	2.7	16
50	Synthesis and <i>in vitro</i> anti-proliferative evaluation of naphthalimide- $\alpha$ -chalcone/pyrazoline conjugates as potential SERMs with computational validation. <i>RSC Advances</i> , 2020, 10, 15836-15845.	3.6	15
51	A Bis (BICAAC) Palladium(II) Complex: Synthesis and Implementation as Catalyst in Heck-Mizoroki and Suzuki-Miyaura Cross Coupling Reactions. <i>Inorganic Chemistry</i> , 2021, 60, 6209-6217.	4.0	15
52	The Promoter Signatures in Rice LEA Genes Can Be Used to Build a Co-expressing LEA Gene Network. <i>Rice</i> , 2008, 1, 177-187.	4.0	14
53	Bio-medical potential of chalcone derivatives and their metal complexes as antidiabetic agents: a review. <i>Journal of Coordination Chemistry</i> , 2021, 74, 725-742.	2.2	14
54	DESTAF: A database of text-mined associations for reproductive toxins potentially affecting human fertility. <i>Reproductive Toxicology</i> , 2012, 33, 99-105.	2.9	13

#	ARTICLE	IF	CITATIONS
55	In Silico discovery of transcription factors as potential diagnostic biomarkers of ovarian cancer. BMC Systems Biology, 2011, 5, 144.	3.0	12
56	FastPGA based scheduling of dependent tasks in grid computing to provide QoS to grid users. , 2016, , .		12
57	Hypertension in African Populations: Review and Computational Insights. Genes, 2021, 12, 532.	2.4	12
58	Synthesis of 1H-1,2,3-Triazole-Linked Quinoline-Isatin Molecular Hybrids as Anti-Breast Cancer and Anti-Methicillin-Resistant Staphylococcus aureus (MRSA) Agents. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 1228-1239.	1.7	10
59	Trabeculae type of juvenile aggressive ossifying fibroma of the maxilla: Report of two cases. Contemporary Clinical Dentistry, 2012, 3, 45.	0.7	10
60	Evaluation of genotoxic and cytotoxic effects of ethyl acetate extract of <i>Aspergillus flavus</i> on <i>Spodoptera litura</i> . Journal of Applied Microbiology, 2019, 126, 881-893.	3.1	9
61	Azide-alkyne cycloaddition en route to ferrocenyl-methoxy-methyl-isatin-conjugates: Synthesis, anti-breast cancer activities and molecular docking studies. Journal of Organometallic Chemistry, 2020, 907, 121072.	1.8	9
62	Equal Distribution Based Load Balancing Technique for Fog-Based Cloud Computing. Algorithms for Intelligent Systems, 2020, , 189-198.	0.6	9
63	Prioritizing genes of potential relevance to diseases affected by sex hormones: an example of Myasthenia Gravis. BMC Genomics, 2008, 9, 481.	2.8	8
64	Anticancer activity, apoptosis and a structure-activity analysis of a series of 1,4-naphthoquinone-2,3-bis-sulfides. Investigational New Drugs, 2020, 38, 274-286.	2.6	8
65	IBDDDB: a manually curated and text-mining-enhanced database of genes involved in inflammatory bowel disease. Database: the Journal of Biological Databases and Curation, 2021, 2021, .	3.0	8
66	<i>Aspergillus flavus</i> induced oxidative stress and immunosuppressive activity in <i>Spodoptera litura</i> as well as safety for mammals. BMC Microbiology, 2021, 21, 180.	3.3	8
67	Redefining the potential applications of dental stem cells: An asset for future. Indian Journal of Human Genetics, 2012, 18, 276.	0.7	7
68	Assessment of genotoxic and biochemical effects of purified compounds of <i>Alpinia galanga</i> on a polyphagous lepidopteran pest <i>Spodoptera litura</i> (Fabricius). Phytoparasitica, 2020, 48, 501-511.	1.2	7
69	Do GnRH analogues directly affect human endometrial epithelial cell gene expression?. Molecular Human Reproduction, 2010, 16, 347-360.	2.8	6
70	Tritrophic interactions among coumarin, the herbivore <i>Spodoptera litura</i> and a gregarious ectoparasitoid <i>Bracon hebetor</i> . BioControl, 2013, 58, 755-763.	2.0	6
71	Synthesis and anticancer evaluation of spermatinamine analogues. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1629-1632.	2.2	6
72	Mining the deep Red-Sea brine pool microbial community for anticancer therapeutics. BMC Complementary and Alternative Medicine, 2019, 19, 142.	3.7	6

#	ARTICLE	IF	CITATIONS
73	Cholesterol Depletion Modulates Drug Resistance Pathways to Sensitize Resistant Breast Cancer Cells to Tamoxifen. <i>Anticancer Research</i> , 2022, 42, 565-579.	1.1	6
74	Effect of Environmental Factors on Intra-Specific Inhibitory Activity of <i>Carnobacterium maltaromaticum</i> . <i>Microorganisms</i> , 2017, 5, 59.	3.6	5
75	Base-Controlled Directed Synthesis of Metal- <sup>II</sup> -Methyleneimidazoline (Mlz) and Metal- <sup>II</sup> -Mesoionic Carbene (MIC) Compounds. <i>Organometallics</i> , 2020, 39, 189-200.	2.3	5
76	An Atlas of Combinatorial Transcriptional Regulation in Mouse and Man. <i>Cell</i> , 2010, 141, 369.	28.9	4
77	Triarylethylene-indolin-2,3-dione molecular conjugates: design, synthesis, docking studies and anti-proliferation evaluation. <i>RSC Advances</i> , 2019, 9, 42409-42414.	3.6	4
78	miRNAs as Modulators of Cholesterol in Breast Cancer Stem Cells: An Approach to Overcome Drug Resistance in Cancer. <i>Current Drug Targets</i> , 2022, 23, 656-677.	2.1	4
79	Tetrahydro- $\beta$ -carboline-naphthalimide hybrids: Synthesis and anti-proliferative evaluation on estrogen-dependent and triple-negative breast cancer cells. <i>Journal of Molecular Structure</i> , 2022, 1262, 133053.	3.6	4
80	Bioefficacy of Hexane Extract of <i>Inula racemosa</i> (Asteraceae) Against <i>Spodoptera litura</i> (Lepidoptera: Tj ETQq0 0 0.rgBT /Overlock 10 Tt	3.6	3
81	Evaluation of 5% Amlexenox Oral Paste and Rebamipide Tablets in Treatment of Recurrent Aphthous Stomatitis and Comparison with Dologel CT. <i>Indian Journal of Otolaryngology and Head and Neck Surgery</i> , 2020, , 1.	0.9	3
82	Synthesis, characterization and $\alpha$ -amylase and $\alpha$ -glucosidase inhibition studies of novel vanadyl chalcone complexes. <i>Applied Organometallic Chemistry</i> , 2021, 35, .	3.5	3
83	Effect of <i>Aspergillus flavus</i> on lipid peroxidation and activity of antioxidant enzymes in midgut tissue of <i>Spodoptera litura</i> larvae. <i>Archives of Phytopathology and Plant Protection</i> , 2021, 54, 177-190.	1.3	3
84	Novel Aberrant Mandibular Angle Foramen: A Novel Aberrancy mimicking mandibular angle fracture. <i>Oral and Maxillofacial Surgery Cases</i> , 2020, 6, 100162.	0.4	2
85	<i>Schizophyllum commune</i> induced oxidative stress and immunosuppressive activity in <i>Spodoptera litura</i> . <i>BMC Microbiology</i> , 2020, 20, 139.	3.3	2
86	Biological effects of secondary metabolites of <i>Inula racemosa</i> on the parasitoid <i>Bracon hebetor</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2021, 169, 743-749.	1.4	2
87	Tune-out and magic wavelengths, and electric quadrupole transition properties of the singly charged alkaline-earth metal ions. <i>Atomic Data and Nuclear Data Tables</i> , 2021, 140, 101422.	2.4	2
88	Fog Clustering-based Architecture for Load Balancing in Scientific Workflows. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022, , 213-221.	0.7	2
89	Efficacy of <i>Moringa oleifera</i> (Lam.) extract against <i>Spodoptera litura</i> (Fabricius), (Lepidoptera: Tj ETQq1 1 0.784314.rgBT /Overlock 10	1.0	1
90	Architectural and functional details of CF IA proteins involved in yeast 3'-end pre-mRNA processing and its significance for eukaryotes: A concise review. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 387-400.	7.5	1

#	ARTICLE	IF	CITATIONS
91	Effects of short-term niacin treatment on plasma lipoprotein concentrations in African green monkeys ( <i>Chlorocebus aethiops</i> ). <i>Lab Animal</i> , 2014, 43, 58-62.	0.4	0
92	Pleomorphic adenoma: Choice of radiographic imaging modality - Computed tomography or magnetic resonance imaging? Illustration through a case report. <i>Dental Hypotheses</i> , 2013, 4, 33.	0.5	0
93	Role of cone-beam computed tomography for the diagnosis of the labially inverted impaction of maxillary central incisor. <i>Journal of Oral and Maxillofacial Radiology</i> , 2019, 7, 66.	0.1	0