

Mandeep Kaur

List of Publications by Year in descending order

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93
papers

3,029
citations

218677

26
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182427

51
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95
docs citations

95
times ranked

5421
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Impact of industrial 4.0 on environment along with correlation between economic growth and carbon emissions. <i>International Journal of Systems Assurance Engineering and Management</i> , 2022, 13, 415-423.	2.4	35
3	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
4	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
5	Tetrahydro- β -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
6	An Energy-Efficient Load Balancing Approach for Scientific Workflows in Fog Computing. <i>Wireless Personal Communications</i> , 2022, 125, 3549-3573.	2.7	16
7	Synthesis, characterization and α -amylase and β -glucosidase inhibition studies of novel vanadyl chalcone complexes. <i>Applied Organometallic Chemistry</i> , 2021, 35, .	3.5	3
8	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
9	IBDDB: a manually curated and text-mining-enhanced database of genes involved in inflammatory bowel disease. <i>Database: the Journal of Biological Databases and Curation</i> , 2021, 2021, .	3.0	8
10	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
11	A systematic study of load balancing approaches in the fog computing environment. <i>Journal of Supercomputing</i> , 2021, 77, 9202-9247.	3.6	45
12	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
13	Convergence of Smart Technologies for Digital Transformation. <i>Tehnički Glasnik</i> , 2021, 15, II-IV.	0.7	23
14	Bio-Inspired Workflow Scheduling on HPC Platforms. <i>Tehnički Glasnik</i> , 2021, 15, 60-68.	0.7	43
15	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
16	Hypertension in African Populations: Review and Computational Insights. <i>Genes</i> , 2021, 12, 532.	2.4	12
17	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
18	<i>Aspergillus flavus</i> induced oxidative stress and immunosuppressive activity in <i>Spodoptera litura</i> as well as safety for mammals. <i>BMC Microbiology</i> , 2021, 21, 180.	3.3	8

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19	Synthesis of 1H-1,2,3-Triazole-Linked Quinoline-Isatin Molecular Hybrids as Anti-Breast Cancer and Anti-Methicillin-Resistant Staphylococcus aureus (MRSA) Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, 1228-1239.	1.7	10
20	A Proton-Responsive Pyridyl(benzamide)-Functionalized NHC Ligand on Ir Complex for Alkylation of Ketones and Secondary Alcohols. <i>Chemistry - A European Journal</i> , 2021, 27, 10737-10748.	3.3	27
21	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
22	FOCALB: Fog Computing Architecture of Load Balancing for Scientific Workflow Applications. <i>Journal of Grid Computing</i> , 2021, 19, 1.	3.9	20
23	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
24	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
25	Anticancer activity, apoptosis and a structure-activity analysis of a series of 1,4-naphthoquinone-2,3-bis-sulfides. <i>Investigational New Drugs</i> , 2020, 38, 274-286.	2.6	8
26	Anticancer activities of vitamin K3 analogues. <i>Investigational New Drugs</i> , 2020, 38, 378-391.	2.6	16
27	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
28	Base-Controlled Directed Synthesis of Metal-Methyleneimidazoline (Mlz) and Metal-Mesoionic Carbene (MIC) Compounds. <i>Organometallics</i> , 2020, 39, 189-200.	2.3	5
29	Azide-alkyne cycloaddition en route to ferrocenyl-methoxy-methyl-isatin-conjugates: Synthesis, anti-breast cancer activities and molecular docking studies. <i>Journal of Organometallic Chemistry</i> , 2020, 907, 121072.	1.8	9
30	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
31	Assessment of genotoxic and biochemical effects of purified compounds of <i>Alpinia galanga</i> on a polyphagous lepidopteran pest <i>Spodoptera litura</i> (Fabricius). <i>Phytoparasitica</i> , 2020, 48, 501-511.	1.2	7
32	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
33	<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
34	Design, synthesis, and anti-proliferative evaluation of 1 <i>H</i> -1,2,3-triazole grafted tetrahydro-1 ² -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
35	Synthesis and <i>in vitro</i> anti-proliferative evaluation of naphthalimide-chalcone/pyrazoline conjugates as potential SERMs with computational validation. <i>RSC Advances</i> , 2020, 10, 15836-15845.	3.6	15
36	Equal Distribution Based Load Balancing Technique for Fog-Based Cloud Computing. <i>Algorithms for Intelligent Systems</i> , 2020, , 189-198.	0.6	9

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37	Targeting cellular cholesterol for anticancer therapy. FEBS Journal, 2019, 286, 4192-4208.	4.7	39
38	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
39	Mining the deep Red-Sea brine pool microbial community for anticancer therapeutics. BMC Complementary and Alternative Medicine, 2019, 19, 142.	3.7	6
40	Bioefficacy of Hexane Extract of <i>Inula racemosa</i> (Asteraceae) Against <i>Spodoptera litura</i> (Lepidoptera): Tj ETQq0 0 0,rgBT /Overlock 10 Tt	3.8	3
41	Diastereoselective approach to rationally design tetrahydro-1 ^H -carboline- ² -isatin conjugates as potential SERMs against breast cancer. RSC Advances, 2019, 9, 9809-9819.	3.6	19
42	Triarylethylene-indolin-2,3-dione molecular conjugates: design, synthesis, docking studies and anti-proliferation evaluation. RSC Advances, 2019, 9, 42409-42414.	3.6	4
43	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
44	Role of cone-beam computed tomography for the diagnosis of the labially inverted impaction of maxillary central incisor. Journal of Oral and Maxillofacial Radiology, 2019, 7, 66.	0.1	0
45	A novel multi-objective bacteria foraging optimization algorithm (MOBFOA) for multi-objective scheduling. Applied Soft Computing Journal, 2018, 66, 183-195.	7.2	62
46	Design, synthesis, anti-proliferative evaluation and docking studies of 1 ^H -1,2,3-triazole tethered ospemifene- ² -isatin conjugates as selective estrogen receptor modulators. New Journal of Chemistry, 2018, 42, 3703-3713.	2.8	25
47	Azide-Alkyne Cycloaddition En Route to 1 ^H -1,2,3-Triazole-Tethered Isatin-Ferrocene, Ferrocenylmethoxy- ² -Isatin, and Isatin-Ferrocenylchalcone Conjugates: Synthesis and Antiproliferative Evaluation. ACS Omega, 2018, 3, 1263-1268.	3.5	37
48	<i>Schizophyllum commune</i> induced genotoxic and cytotoxic effects in <i>Spodoptera litura</i> . Scientific Reports, 2018, 8, 4693.	3.3	24
49	1 ^H -1,2,3-Triazole Tethered Nitroimidazole- ² -Isatin Conjugates: Synthesis, Docking, and Anti-Proliferative Evaluation against Breast Cancer. ACS Omega, 2018, 3, 12106-12113.	3.5	43
50	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. Bioorganic and Medicinal Chemistry, 2018, 26, 5612-5623.	3.0	39
51	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
52	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
53	Effect of Environmental Factors on Intra-Specific Inhibitory Activity of <i>Carnobacterium maltaromaticum</i> . Microorganisms, 2017, 5, 59.	3.6	5
54	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

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55	FastPGA based scheduling of dependent tasks in grid computing to provide QoS to grid users. , 2016, , .		12
56	Elitist multi-objective bacterial foraging evolutionary algorithm for multi-criteria based grid scheduling problem. , 2016, , .		20
57	Synthesis and anticancer evaluation of spermatinamine analogues. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1629-1632.	2.2	6
58	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
59	Two-step protocol for preparing adherent cells for high-throughput flow cytometry. BioTechniques, 2015, 59, 119-126.	1.8	28
60	Cytotoxicity and Apoptosis Induced by a Plumbagin Derivative in Estrogen Positive MCF-7 Breast Cancer Cells. Anti-Cancer Agents in Medicinal Chemistry, 2014, 14, 170-180.	1.7	57
61	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
62	Effects of short-term niacin treatment on plasma lipoprotein concentrations in African green monkeys (<i>Chlorocebus aethiops</i>). Lab Animal, 2014, 43, 58-62.	0.4	0
63	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
64	Induction of apoptosis in cancer cell lines by the Red Sea brine pool bacterial extracts. BMC Complementary and Alternative Medicine, 2013, 13, 344.	3.7	49
65	Association Analysis of Two Single-Nucleotide Polymorphisms of the <i>RELN</i> Gene with Autism in the South African Population. Genetic Testing and Molecular Biomarkers, 2013, 17, 93-98.	0.7	18
66	Dragon exploration system on marine sponge compounds interactions. Journal of Cheminformatics, 2013, 5, 11.	6.1	16
67	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
68	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. Journal of Family and Community Medicine, 2013, 20, 41.	1.1	44
69	Pleomorphic adenoma: Choice of radiographic imaging modality - Computed tomography or magnetic resonance imaging? Illustration through a case report. Dental Hypotheses, 2013, 4, 33.	0.5	0
70	Redefining the potential applications of dental stem cells: An asset for future. Indian Journal of Human Genetics, 2012, 18, 276.	0.7	7
71	Synthesis of novel 1H-1,2,3-triazole tethered C-5 substituted uracil isatin conjugates and their cytotoxic evaluation. European Journal of Medicinal Chemistry, 2012, 58, 153-159.	5.5	51
72	DESTAF: A database of text-mined associations for reproductive toxins potentially affecting human fertility. Reproductive Toxicology, 2012, 33, 99-105.	2.9	13

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73	Angina bullosa hemorrhagica: Report of two cases. Indian Journal of Dermatology, 2012, 57, 503.	0.3	17
74	Trabeculae type of juvenile aggressive ossifying fibroma of the maxilla: Report of two cases. Contemporary Clinical Dentistry, 2012, 3, 45.	0.7	10
75	In Silico discovery of transcription factors as potential diagnostic biomarkers of ovarian cancer. BMC Systems Biology, 2011, 5, 144.	3.0	12
76	DDPC: Dragon Database of Genes associated with Prostate Cancer. Nucleic Acids Research, 2011, 39, D980-D985.	14.5	38
77	5-HTTLPR Polymorphism: Analysis in South African Autistic Individuals. Human Biology, 2010, 82, 291-300.	0.2	22
78	Anti-cancer activities of diospyrin, its derivatives and analogues. European Journal of Medicinal Chemistry, 2010, 45, 3519-3530.	5.5	19
79	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
80	Do GnRH analogues directly affect human endometrial epithelial cell gene expression?. Molecular Human Reproduction, 2010, 16, 347-360.	2.8	6
81	Antiviral Lead Compounds from Marine Sponges. Marine Drugs, 2010, 8, 2619-2638.	4.6	201
82	An Atlas of Combinatorial Transcriptional Regulation in Mouse and Man. Cell, 2010, 140, 744-752.	28.9	667
83	An Atlas of Combinatorial Transcriptional Regulation in Mouse and Man. Cell, 2010, 141, 369.	28.9	4
84	Database for exploration of functional context of genes implicated in ovarian cancer. Nucleic Acids Research, 2009, 37, D820-D823.	14.5	37
85	Deciphering the transcriptional circuitry of microRNA genes expressed during human monocytic differentiation. BMC Genomics, 2009, 10, 595.	2.8	65
86	DDEC: Dragon database of genes implicated in esophageal cancer. BMC Cancer, 2009, 9, 219.	2.6	24
87	The transcriptional network that controls growth arrest and differentiation in a human myeloid leukemia cell line. Nature Genetics, 2009, 41, 553-562.	21.4	408
88	The Promoter Signatures in Rice LEA Genes Can Be Used to Build a Co-expressing LEA Gene Network. Rice, 2008, 1, 177-187.	4.0	14
89	The 5-HTTLPR polymorphism in South African healthy populations: a global comparison. Journal of Neural Transmission, 2008, 115, 755-760.	2.8	24
90	Molecular characterization of multiple xylanase producing thermophilic/thermotolerant fungi isolated from composting materials. Letters in Applied Microbiology, 2008, 46, 526-535.	2.2	48

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91	Prioritizing genes of potential relevance to diseases affected by sex hormones: an example of Myasthenia Gravis. BMC Genomics, 2008, 9, 481.	2.8	8
92	DDESC: Dragon database for exploration of sodium channels in human. BMC Genomics, 2008, 9, 622.	2.8	17
93	Efficacy of Moringa oleifera (Lam.) extract against Spodoptera litura (Fabricius), (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.0	1