

Sandeep Singh

List of Publications by Year in descending order

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Version: 2024-02-01

260
papers

4,850
citations

101384

36
h-index

155451

55
g-index

268
all docs

268
docs citations

268
times ranked

6300
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosensors based on electrochemical lactate detection: A comprehensive review. <i>Biochemistry and Biophysics Reports</i> , 2016, 5, 35-54.	0.7	217
2	PEPstrMOD: structure prediction of peptides containing natural, non-natural and modified residues. <i>Biology Direct</i> , 2015, 10, 73.	1.9	164
3	SATPdb: a database of structurally annotated therapeutic peptides. <i>Nucleic Acids Research</i> , 2016, 44, D1119-D1126.	6.5	131
4	Metabolic Adaptations in Cancer Stem Cells. <i>Frontiers in Oncology</i> , 2020, 10, 1010.	1.3	100
5	Timing, quantification and tectonic modelling of Pliocene–Quaternary movements in the NW Himalaya: evidence from fission track dating. <i>Earth and Planetary Science Letters</i> , 2000, 179, 437-451.	1.8	99
6	Arbuscular Mycorrhiza <i>Rhizophagus irregularis</i> and Silicon Modulate Growth, Proline Biosynthesis and Yield in <i>Cajanus cajan</i> L. Millsp. (pigeonpea) Genotypes Under Cadmium and Zinc Stress. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 46-63.	2.8	87
7	Fruit waste (peel) as bio-reductant to synthesize silver nanoparticles with antimicrobial, antioxidant and cytotoxic activities. <i>Journal of Applied Biomedicine</i> , 2018, 16, 221-231.	0.6	86
8	Mechanical Strength Enhancement of 3D Printed Acrylonitrile Butadiene Styrene Polymer Components Using Neural Network Optimization Algorithm. <i>Polymers</i> , 2020, 12, 2250.	2.0	79
9	Chitosan centered bionanocomposites for medical specialty and curative applications: A review. <i>International Journal of Pharmaceutics</i> , 2017, 529, 200-217.	2.6	77
10	HDAC8 Inhibition Specifically Targets Inv(16) Acute Myeloid Leukemic Stem Cells by Restoring p53 Acetylation. <i>Cell Stem Cell</i> , 2015, 17, 597-610.	5.2	75
11	miR-30c and miR-181a synergistically modulate p53–p21 pathway in diabetes induced cardiac hypertrophy. <i>Molecular and Cellular Biochemistry</i> , 2016, 417, 191-203.	1.4	74
12	Liquefaction and fluidization of lacustrine deposits from Lahaul-Spiti and Ladakh Himalaya: Geological evidences of paleoseismicity along active fault zone. <i>Sedimentary Geology</i> , 2007, 196, 47-57.	1.0	73
13	An overview of the formation of fibre waviness and its effect on the mechanical performance of fibre reinforced polymer composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 137, 106013.	3.8	72
14	Takotsubo Syndrome in Patients with COVID-19: a Systematic Review of Published Cases. <i>SN Comprehensive Clinical Medicine</i> , 2020, 2, 2102-2108.	0.3	70
15	Taguchi S/N and TOPSIS Based Optimization of Fused Deposition Modelling and Vapor Finishing Process for Manufacturing of ABS Plastic Parts. <i>Materials</i> , 2020, 13, 5176.	1.3	69
16	Compromising situation of India's bio-medical waste incineration units during pandemic outbreak of COVID-19: Associated environmental-health impacts and mitigation measures. <i>Environmental Pollution</i> , 2021, 276, 116621.	3.7	66
17	Detrital-zircon fission-track ages from the Lower Cenozoic sediments, NW Himalayan foreland basin: Clues for exhumation and denudation of the Himalaya during the India-Asia collision. <i>Bulletin of the Geological Society of America</i> , 2009, 121, 519-535.	1.6	65
18	Spatio-temporal assessment of groundwater depletion in Punjab, India. <i>Groundwater for Sustainable Development</i> , 2021, 12, 100498.	2.3	61

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19	SHRIMP U-Pb ages and depth of emplacement of Ladakh Batholith, Eastern Ladakh, India. <i>Journal of Asian Earth Sciences</i> , 2007, 30, 490-503.	1.0	60
20	SHRIMP U-Pb in zircon geochronology of the Chor granitoid: evidence for Neoproterozoic magmatism in the Lesser Himalayan granite belt of NW India. <i>Precambrian Research</i> , 2002, 118, 285-292.	1.2	59
21	Synthesis and biological evaluation of pyrimidine bridged combretastatin derivatives as potential anticancer agents and mechanistic studies. <i>Bioorganic Chemistry</i> , 2018, 78, 130-140.	2.0	58
22	Tectonics of the southern Asian Plate margin along the Karakoram Shear Zone: Constraints from field observations and U-Pb SHRIMP ages. <i>Tectonophysics</i> , 2008, 451, 186-205.	0.9	56
23	Promising Targets in Anti-cancer Drug Development: Recent Updates. <i>Current Medicinal Chemistry</i> , 2018, 24, 4729-4752.	1.2	56
24	U-Pb zircon ages and Sm-Nd isotopic characteristics of the Lesser and Great Himalayan sequences, Uttarakhand Himalaya, and their regional tectonic implications. <i>Gondwana Research</i> , 2019, 75, 282-297.	3.0	54
25	Optimization of FFF Process Parameters by Naked Mole-Rat Algorithms with Enhanced Exploration and Exploitation Capabilities. <i>Polymers</i> , 2021, 13, 1702.	2.0	52
26	Health care in rural India: A lack between need and feed. <i>South Asian Journal of Cancer</i> , 2014, 03, 143-144.	0.2	51
27	Tumor suppressor protein SMAR1 modulates the roughness of cell surface: combined AFM and SEM study. <i>BMC Cancer</i> , 2009, 9, 350.	1.1	50
28	Evaluation of the antioxidant, antibacterial and anticancer (lung cancer cell line A549) activity of Punica granatum mediated silver nanoparticles. <i>Toxicology Research</i> , 2018, 7, 923-930.	0.9	47
29	Strength properties and durability of clay soil treated with mixture of nano silica and Polypropylene fiber. <i>Materials Today: Proceedings</i> , 2020, 26, 3449-3457.	0.9	47
30	Synthesis and xanthine oxidase inhibitory activity of 5,6-dihydropyrazolo/pyrazolo[1,5-c]quinazoline derivatives. <i>Bioorganic Chemistry</i> , 2014, 57, 57-64.	2.0	45
31	MiR-223-3p and miR-122-5p as circulating biomarkers for plaque instability. <i>Open Heart</i> , 2020, 7, e001223.	0.9	45
32	Growth factors mediated cell signalling in prostate cancer progression: Implications in discovery of anti-prostate cancer agents. <i>Chemico-Biological Interactions</i> , 2015, 240, 120-133.	1.7	44
33	Extensional tectonics in the Himalayan orogen, Zaskar, NW India. <i>Geological Society Special Publication</i> , 1993, 74, 445-459.	0.8	43
34	Oxidative Stress and Inflammation in Diabetic Complications. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-2.	0.6	43
35	Synthesis of imine-pyrazolopyrimidinones and their mechanistic interventions on anticancer activity. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 5782-5793.	1.4	42
36	Genetic landscape of gallbladder cancer: Global overview. <i>Mutation Research - Reviews in Mutation Research</i> , 2018, 778, 61-71.	2.4	41

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37	Breast cancer screening existence in India: A nonexisting reality. <i>Indian Journal of Medical and Paediatric Oncology</i> , 2015, 36, 207-209.	0.1	38
38	Imine/amide-imidazole conjugates derived from 5-amino-4-cyano- N 1-substituted benzyl imidazole: Microwave-assisted synthesis and anticancer activity via selective topoisomerase-II \pm inhibition. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5654-5661.	1.4	37
39	Near-field and far-field simulation of accelerograms of Sikkim earthquake of September 18, 2011 using modified semi-empirical approach. <i>Natural Hazards</i> , 2012, 64, 1029-1054.	1.6	36
40	Late Caledonian extension in the scandinavian Caledonides-the R \ddot{a} rgen Detachment revisited. <i>Tectonophysics</i> , 1994, 231, 139-155.	0.9	35
41	A cytoskeleton regulator AVIL drives tumorigenesis in glioblastoma. <i>Nature Communications</i> , 2020, 11, 3457.	5.8	35
42	Assessing the Applicability of Photocatalytic-Concrete Blocks in Reducing the Concentration of Ambient NO ₂ of Chandigarh, India, Using Box-Behnken Response Surface Design Technique: A Holistic Sustainable Development Approach. <i>Journal of Chemistry</i> , 2021, 2021, 1-12.	0.9	35
43	Upper crustal stress and seismotectonics of the Garhwal Himalaya using small-to-moderate earthquakes: Implications to the local structures and free fluids. <i>Journal of Asian Earth Sciences</i> , 2017, 135, 198-211.	1.0	34
44	Protracted zircon growth in migmatites and In situ melt of Higher Himalayan Crystallines: U-Pb ages from Bhagirathi valley, NW Himalaya, India. <i>Geoscience Frontiers</i> , 2019, 10, 793-809.	4.3	34
45	Eradicating Cancer Stem Cells: Concepts, Issues, and Challenges. <i>Current Treatment Options in Oncology</i> , 2018, 19, 20.	1.3	33
46	Investigation on the hydrodynamics of Ganga Alluvial Plain using environmental isotopes: a case study of the Gomati River Basin, northern India. <i>Hydrogeology Journal</i> , 2013, 21, 687-700.	0.9	31
47	The Landscape and Implications of Chimeric RNAs in Cervical Cancer. <i>EBioMedicine</i> , 2018, 37, 158-167.	2.7	30
48	Multi-Objective Optimization of WEDM of Aluminum Hybrid Composites Using AHP and Genetic Algorithm. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 8031-8043.	1.7	30
49	A Systematic Review on the Performance Characteristics of Sustainable, Unfired Admixed Soil Blocks for Agricultural and Industrial Waste Management. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-19.	1.0	30
50	Corrosion behavior and characterization of HA/Fe ₃ O ₄ /CS composite coatings on AZ91 Mg alloy by electrophoretic deposition. <i>Materials Chemistry and Physics</i> , 2019, 237, 121884.	2.0	29
51	Mycorrhizal inoculations and silicon fortifications improve rhizobial symbiosis, antioxidant defense, trehalose turnover in pigeon pea genotypes under cadmium and zinc stress. <i>Plant Growth Regulation</i> , 2018, 86, 105-119.	1.8	28
52	Topoisomerase II contributes to DNA secondary structure-mediated double-stranded breaks. <i>Nucleic Acids Research</i> , 2020, 48, 6654-6671.	6.5	28
53	Arsenic mobility in fluvial environment of the Ganga Plain, northern India. <i>Environmental Earth Sciences</i> , 2010, 59, 1703-1715.	1.3	27
54	Dual inhibitors of epidermal growth factor receptor and topoisomerase II \pm derived from a quinoline scaffold. <i>RSC Advances</i> , 2016, 6, 77717-77734.	1.7	27

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55	Model-based fatigue crack identification in rotors integrated with active magnetic bearings. <i>JVC/Journal of Vibration and Control</i> , 2017, 23, 980-1000.	1.5	27
56	Does obesity affect the outcomes in takotsubo cardiomyopathy? Analysis of the Nationwide Inpatient Sample database, 2010-2014. <i>Clinical Cardiology</i> , 2018, 41, 1028-1034.	0.7	27
57	Electrophoretic deposition of hydroxyapatite-iron oxide-chitosan composite coatings on Ti-13Nb-13Zr alloy for biomedical applications. <i>Thin Solid Films</i> , 2020, 697, 137801.	0.8	27
58	Nuclear Matrix protein SMAR1 represses HIV-1 LTR mediated transcription through chromatin remodeling. <i>Virology</i> , 2010, 400, 76-85.	1.1	26
59	Synthesis and characterization of iron oxide-hydroxyapatite-chitosan composite coating and its biological assessment for biomedical applications. <i>Progress in Organic Coatings</i> , 2021, 150, 106011.	1.9	26
60	CYP/PON genetic variations as determinant of organophosphate pesticides toxicity. <i>Journal of Genetics</i> , 2017, 96, 187-201.	0.4	25
61	SHRIMP U-Pb ϵ . 1860 Ma anorogenic magmatic signatures from the NW Himalaya: implications for Palaeoproterozoic assembly of the Columbia Supercontinent. <i>Geological Society Special Publication</i> , 2009, 323, 283-300.	0.8	24
62	Model-Based Switching-Crack Identification in a Jeffcott Rotor With an Offset Disk Integrated With an Active Magnetic Bearing. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2016, 138, .	0.9	24
63	Pyrimidine containing epidermal growth factor receptor kinase inhibitors: Synthesis and biological evaluation. <i>Chemical Biology and Drug Design</i> , 2017, 90, 995-1006.	1.5	24
64	The landscape of chimeric RNAs in bladder urothelial carcinoma. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 110, 50-58.	1.2	24
65	Synthesis and biological evaluation of new 2,5-dimethylthiophene/furan based N-acetyl pyrazolines as selective topoisomerase II inhibitors. <i>RSC Advances</i> , 2016, 6, 14880-14892.	1.7	23
66	Trends and Outcomes in Sepsis Hospitalizations With and Without Atrial Fibrillation: A Nationwide Inpatient Analysis. <i>Critical Care Medicine</i> , 2019, 47, e630-e638.	0.4	23
67	E-pharmacophore guided discovery of pyrazolo[1,5-c]quinazolines as dual inhibitors of topoisomerase-I and histone deacetylase. <i>Bioorganic Chemistry</i> , 2020, 94, 103409.	2.0	23
68	Role of miRNAs in the pathogenesis of T2DM, insulin secretion, insulin resistance, and β cell dysfunction: the story so far. <i>Journal of Physiology and Biochemistry</i> , 2020, 76, 485-502.	1.3	23
69	Design, microwave-mediated synthesis and biological evaluation of novel 4-aryl(alkyl)amino-3-nitroquinoline and 2,4-diaryl(dialkyl)amino-3-nitroquinolines as anticancer agents. <i>Bioorganic Chemistry</i> , 2015, 58, 1-10.	2.0	22
70	Extra-cardiac comorbidities or complications in adults with congenital heart disease: a nationwide inpatient experience in the United States. <i>Cardiovascular Diagnosis and Therapy</i> , 2018, 8, 814-819.	0.7	22
71	Editorial: Novel Biomarkers for Type 2 Diabetes. <i>Frontiers in Endocrinology</i> , 2019, 10, 649.	1.5	22
72	The burden and impact of arrhythmia in chronic obstructive pulmonary disease: Insights from the National Inpatient Sample. <i>International Journal of Cardiology</i> , 2019, 281, 49-55.	0.8	22

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73	Frequency of takotsubo cardiomyopathy in epilepsy-related hospitalizations among adults and its impact on in-hospital outcomes: A national standpoint. <i>International Journal of Cardiology</i> , 2020, 299, 67-70.	0.8	22
74	Laboratory diagnosis of swine flu: a review. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2013, 41, 189-195.	1.9	21
75	Health Risk Assessment of Occupationally Pesticide-Exposed Population of Cancer Prone Area of Punjab. <i>Toxicological Sciences</i> , 2018, 165, 157-169.	1.4	21
76	Pausing sites of RNA polymerase II on actively transcribed genes are enriched in DNA double-stranded breaks. <i>Journal of Biological Chemistry</i> , 2020, 295, 3990-4000.	1.6	21
77	Model based identification of crack and bearing dynamic parameters in flexible rotor systems supported with an auxiliary active magnetic bearing. <i>Mechanism and Machine Theory</i> , 2018, 122, 292-307.	2.7	20
78	Alarming Increasing Trends in Hospitalizations and Mortality With Heyde's Syndrome: A Nationwide Inpatient Perspective (2007 to 2014). <i>American Journal of Cardiology</i> , 2019, 123, 1149-1155.	0.7	20
79	Modeling for the use of waste materials (Bottom ash and fly ash) in soil stabilization. <i>Materials Today: Proceedings</i> , 2020, 33, 1610-1614.	0.9	20
80	Racial and sex disparities in resource utilization and outcomes of multi-vessel percutaneous coronary interventions (a 5-year nationwide evaluation in the United States). <i>Cardiovascular Diagnosis and Therapy</i> , 2019, 9, 18-29.	0.7	20
81	Role of miRNAs in diabetic neuropathy: mechanisms and possible interventions. <i>Molecular Neurobiology</i> , 2022, 59, 1836-1849.	1.9	20
82	3,5-diaryl-4,5-dihydro-1H-pyrazoles: Exhibiting Anticancer Activity through Intracellular ROS Scavenging and the Mitochondria-Dependent Death Pathway. <i>Archiv Der Pharmazie</i> , 2014, 347, 717-727.	2.1	19
83	Marine macroalga <i>Caulerpa</i> : role of its metabolites in modulating cancer signaling. <i>Molecular Biology Reports</i> , 2019, 46, 3545-3555.	1.0	19
84	Characterization, electrochemical behavior and in vitro hemocompatibility of hydroxyapatite-bioglass-iron oxide-chitosan composite coating by electrophoretic deposition. <i>Surface and Coatings Technology</i> , 2021, 405, 126564.	2.2	19
85	Optimization of FDM Printing Process Parameters on Surface Finish, Thickness, and Outer Dimension with ABS Polymer Specimens Using Taguchi Orthogonal Array and Genetic Algorithms. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-13.	0.6	19
86	Thirty-Day Readmissions After Upper and Lower Gastrointestinal Hemorrhage. <i>Journal of Clinical Gastroenterology</i> , 2019, 53, 582-590.	1.1	18
87	Design, synthesis, biological evaluation of 3,5-diaryl-4,5-dihydro-1H-pyrazole carbaldehydes as non-purine xanthine oxidase inhibitors: Tracing the anticancer mechanism via xanthine oxidase inhibition. <i>Bioorganic Chemistry</i> , 2021, 107, 104620.	2.0	18
88	Affect of Adversity Quotient on the Occupational Stress of IT Managers in India. <i>Procedia Computer Science</i> , 2017, 122, 86-93.	1.2	17
89	Anticancer potential of some imidazole and fused imidazole derivatives: exploring the mechanism via epidermal growth factor receptor (EGFR) inhibition. <i>RSC Medicinal Chemistry</i> , 2020, 11, 923-939.	1.7	17
90	Dynamic instability of trapezoidal composite plates under non-uniform compression using moving kriging based meshfree method. <i>Thin-Walled Structures</i> , 2021, 164, 107766.	2.7	16

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91	Metamorphic evolution of the northwest Himalaya, India: Pressure-temperature data, inverted metamorphism, and exhumation in the Kashmir, Himachal, and Garhwal Himalayas. , 1999, , .		15
92	Large deformation static and dynamic response of carbon nanotubes by mixed atomistic and continuum models. International Journal of Mechanical Sciences, 2018, 135, 565-581.	3.6	15
93	miRNA signatures in diabetic retinopathy and nephropathy: delineating underlying mechanisms. Journal of Physiology and Biochemistry, 2022, 78, 19-37.	1.3	15
94	The prevalence of psychiatric disorders in sudden cardiac arrest survivors: A 5-year nationwide inpatient analysis. Resuscitation, 2019, 136, 131-135.	1.3	14
95	Pd-Catalyzed Four-Component Sequential Reaction Delivers a Modular Fluorophore Platform for Cell Imaging. Journal of Organic Chemistry, 2019, 84, 3817-3825.	1.7	14
96	<i>RUNX3</i> levels in human hematopoietic progenitors are regulated by aging and dictate erythroid-myeloid balance. Haematologica, 2020, 105, 905-913.	1.7	14
97	Inhibition of 3D colon cancer stem cell spheroids by cytotoxic Rull-p-cymene complexes of mesalazine derivatives. Chemical Communications, 2020, 56, 5421-5424.	2.2	14
98	Analysis of Traffic Flow Characteristics Based on Area-Occupancy Concept on Urban Arterial Roads Under Heterogeneous Traffic Scenario – A Case Study of Tiruchirappalli City. Lecture Notes in Civil Engineering, 2021, , 69-84.	0.3	14
99	Factors Influencing uptake of Cervical Cancer Screening among Women in India: A Hospital based Pilot Study. , 0, , .		14
100	Microstructures of mylonites along the Karakoram Shear Zone, Tangste Valley, Pangong Mountains, Karakoram. Journal of the Geological Society of India, 2010, 75, 679-694.	0.5	13
101	Meshfree analysis of non-rectangular sandwich plates based on refined CO higher order shear deformation theories. Engineering Analysis With Boundary Elements, 2020, 120, 180-194.	2.0	13
102	COVID-19 in HIV: a Review of Published Case Reports. SN Comprehensive Clinical Medicine, 2020, 2, 2647-2657.	0.3	13
103	Landscape characterization of chimeric RNAs in colorectal cancer. Cancer Letters, 2020, 489, 56-65.	3.2	13
104	Analysis of Two-Wheeler Characteristics at Signalised Intersection under Mixed Traffic Conditions: A Case Study of Tiruchirappalli City. , 2020, , .		13
105	Combinatorial Effect of DCA and Let-7a on Triple-Negative MDA-MB-231 Cells: A Metabolic Approach of Treatment. Integrative Cancer Therapies, 2020, 19, 153473542091143.	0.8	13
106	Design and Synthesis of Non-Covalent Imidazo[1,2-a]quinoxaline-Based Inhibitors of EGFR and Their Anti-Cancer Assessment. Molecules, 2021, 26, 1490.	1.7	13
107	Evaluation of Lane-Based Traffic Characteristics of Highways Under Mixed Traffic Conditions by Different Methods. Journal of the Institution of Engineers (India): Series A, 2021, 102, 719-735.	0.6	13
108	Empirical analysis of impact of multi-class commercial vehicles on multi-lane highway traffic characteristics under mixed traffic conditions. International Journal of Transportation Science and Technology, 2022, 11, 545-562.	2.0	13

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109	Platoon-Based Impact Assessment of Heavy-Duty Vehicles on Traffic Stream Characteristics of Highway Lanes Under Mixed Traffic Environment. <i>International Journal of Intelligent Transportation Systems Research</i> , 2022, 20, 29-45.	0.6	13
110	Arbuscular Mycorrhizal Fungi and Heavy Metal Tolerance in Plants: An Insight into Physiological and Molecular Mechanisms. , 2017, , 75-97.		13
111	COVID-19 and diabetes mellitus: A need for prudence in elderly patients from a pooled analysis. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020, 14, 683-685.	1.8	13
112	Let-7a induces metabolic reprogramming in breast cancer cells via targeting mitochondrial encoded ND4. <i>Cancer Cell International</i> , 2021, 21, 629.	1.8	13
113	Tumor suppressor SMAR1 downregulates Cytokeratin 8 expression by displacing p53 from its cognate site. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 862-871.	1.2	12
114	SMAR1 regulates free radical stress through modulation of AKR1a4 enzyme activity. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1105-1114.	1.2	12
115	Regulation of GAD65 expression by SMAR1 and p53 upon Streptozotocin treatment. <i>BMC Molecular Biology</i> , 2012, 13, 28.	3.0	12
116	Association Between Hepatitis B Infection and Pancreatic Cancer. <i>Pancreas</i> , 2018, 47, 849-855.	0.5	12
117	Exploration of Pd-catalysed four-component tandem reaction for one-pot assembly of pyrazolo[1,5-c]quinazolines as potential EGFR inhibitors. <i>Bioorganic Chemistry</i> , 2019, 93, 103314.	2.0	12
118	Effect of Gradation and Morphological Characteristics of Aggregates on Mechanical Properties of Bituminous Concrete and Dense Bituminous Macadam. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2022, 46, 293-307.	1.0	12
119	Synthetic Versus Enzymatic Pictet-Spengler Reaction: An Overview. <i>Current Organic Synthesis</i> , 2018, 15, 924-939.	0.7	12
120	Heat shock protein 70 binds to a novel sequence in 5' UTR of tumor suppressor SMAR1 and regulates its mRNA stability upon Prostaglandin A2 treatment. <i>FEBS Letters</i> , 2010, 584, 1187-1192.	1.3	11
121	Monitoring analgesic drug using sensing method based on nanocomposite. <i>RSC Advances</i> , 2015, 5, 2396-2404.	1.7	11
122	Effect of initial strain and material nonlinearity on the nonlinear static and dynamic response of graphene sheets. <i>Journal of Sound and Vibration</i> , 2018, 423, 373-400.	2.1	11
123	Earthquakes in the Garhwal Himalaya of the Central Seismic Gap: A Study of Historical and Present Seismicity and Their Implications to the Seismotectonics. <i>Pure and Applied Geophysics</i> , 2019, 176, 4661-4685.	0.8	11
124	Trace element mobility, regional significance and global implication of Gomati river basin, northern India. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	11
125	Synthesis of 1,4-dihydropyrazolo[4,3-b]indoles via intramolecular C(sp ²)-N bond formation involving nitrene insertion, DFT study and their anticancer assessment. <i>Bioorganic Chemistry</i> , 2021, 114, 105114.	2.0	11
126	A Comparative Study on the Sustainability of Public and Private Road Transportation Systems in an Urban Area: Current and Future Scenarios. <i>RILEM Bookseries</i> , 2021, , 173-189.	0.2	11

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127	Production of syngas from agricultural residue as a renewable fuel and its sustainable use in dual-fuel compression ignition engine to investigate performance, emission, and noise characteristics. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2020, 42, 41-55.	1.2	10
128	Effect of Heavy Transport Vehicles on Speed-Flow Characteristics of Mixed Traffic on Multi Lane Divided Intercity Highways. , 2020, , .		10
129	Infra-Red Sensor-Based Technology for Collecting Speed and Headway Data on Highways Under Mixed Traffic Conditions. , 2020, , .		10
130	Impact of COVID-19 on acute coronary syndrome-related hospitalizations: A pooled analysis. IJC Heart and Vasculature, 2021, 32, 100718.	0.6	10
131	RSM-Based Optimization of the Parameters Affecting TiO ₂ -Mediated UV Photocatalysis of Vehicular Emissions in Enclosed Parking Garages. International Journal of Photoenergy, 2021, 2021, 1-9.	1.4	10
132	Himalayan Magmatism through space and time. Episodes, 2020, 43, 358-368.	0.8	10
133	Small Regulatory Molecules Acting Big in Cancer: Potential Role of Mito-miRs in Cancer. Current Molecular Medicine, 2019, 19, 621-631.	0.6	10
134	Behavior of RC Beamâ€œColumn Joints Strengthened with Modified Reinforcement Techniques. Sustainability, 2022, 14, 1918.	1.6	10
135	Use of System Dynamics Forecasting Model in Transportation System to Reduce Vehicular Emissions-A Mathematical Approach. Journal of Physics: Conference Series, 2020, 1531, 012118.	0.3	9
136	Multivariate Analysis of Freeways Speed and Time Headway Under Mixed Traffic Streams. , 2020, , .		9
137	Two novel cell culture models of buccal mucosal oral cancer from patients with no risk-habits of tobacco smoking or chewing. Oral Oncology, 2021, 113, 105131.	0.8	9
138	Tele-cytology: An innovative approach for cervical cancer screening in resource-poor settings. Journal of Cancer Research and Therapeutics, 2016, 12, 481.	0.3	9
139	Design, synthesis and anticancer activity of 2-arylimidazo[1,2-a]pyridinyl-3-amines. Bioorganic Chemistry, 2022, 118, 105464.	2.0	9
140	Dietary Patterns and Breast Cancer Risk: A Multi-Centre Case Control Study among North Indian Women. International Journal of Environmental Research and Public Health, 2018, 15, 1946.	1.2	8
141	â€œThe pharmacological profile of SGLT2 inhibitors: Focus on mechanistic aspects and pharmacogenomicsâ€œ. European Journal of Pharmacology, 2021, 904, 174169.	1.7	8
142	Prediction, Characterization, and In Silico Validation of Chimeric RNAs. Methods in Molecular Biology, 2020, 2079, 3-12.	0.4	8
143	Earlyâ€œMiddle Eocene Exhumation of the Trans-Himalayan Ladakh Batholith, and the Indiaâ€œAsia Convergence. Current Science, 2017, 113, 1090.	0.4	8
144	Estimation of the source parameters of the Nepal earthquake from strong motion data. Natural Hazards, 2016, 83, 867-883.	1.6	7

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145	Relationship of emotional intelligence with cultural intelligence and change readiness of Indian managers in the service sector. <i>Journal of Organizational Change Management</i> , 2021, 34, 1245-1256.	1.7	7
146	Assessment of Causes of Pothole Development on Chandigarh Roads. <i>Journal of the Institution of Engineers (India): Series A</i> , 2021, 102, 411-419.	0.6	7
147	Development Of Lysine Biosensor Based On Core Shell Magnetic Nanoparticle And Multiwalled Carbon Nanotube Composite. <i>Advanced Materials Letters</i> , 2015, 6, 407-413.	0.3	7
148	Wise Leadership in Kautilya's Philosophy. <i>Philosophy of Management</i> , 2016, 15, 35-49.	0.7	6
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