

Rakesh Kumar Mishra

List of Publications by Year in descending order

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Version: 2024-02-01

189
papers

3,753
citations

136740

32
h-index

182168

51
g-index

216
all docs

216
docs citations

216
times ranked

4620
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide analysis of microsatellite repeats in humans: their abundance and density in specific genomic regions. <i>Genome Biology</i> , 2003, 4, R13.	13.9	319
2	The <i>iab-7</i> Polycomb Response Element Maps to a Nucleosome-Free Region of Chromatin and Requires Both GAGA and Pleiohomeotic for Silencing Activity. <i>Molecular and Cellular Biology</i> , 2001, 21, 1311-1318.	1.1	168
3	A Conserved Sequence Motif in Polycomb-Response Elements. <i>Molecular Cell</i> , 1998, 1, 1065-1066.	4.5	115
4	The Enhancer-Blocking Activity of the <i>Fab-7</i> Boundary From the <i>Drosophila Bithorax</i> Complex Requires GAGA-Factor-Binding Sites. <i>Genetics</i> , 2004, 168, 1371-1384.	1.2	101
5	Design and synthesis of pyrazole-oxindole conjugates targeting tubulin polymerization as new anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 501-513.	2.6	86
6	Synergistic recognition of an epigenetic DNA element by Pleiohomeotic and a Polycomb core complex. <i>Genes and Development</i> , 2005, 19, 1755-1760.	2.7	80
7	SARS-CoV-2 genomics: An Indian perspective on sequencing viral variants. <i>Journal of Biosciences</i> , 2021, 46, 1.	0.5	79
8	Functional diversification of yeast telomere associated protein, Rif1, in higher eukaryotes. <i>BMC Genomics</i> , 2012, 13, 255.	1.2	74
9	Patterns of microsatellite distribution across eukaryotic genomes. <i>BMC Genomics</i> , 2019, 20, 153.	1.2	71
10	Surveillance of SARS-CoV-2 spread using wastewater-based epidemiology: Comprehensive study. <i>Science of the Total Environment</i> , 2021, 768, 144704.	3.9	71
11	Efficient and Specific Targeting of Polycomb Group Proteins Requires Cooperative Interaction between Grainyhead and Pleiohomeotic. <i>Molecular and Cellular Biology</i> , 2006, 26, 1434-1444.	1.1	70
12	Trl-GAGA directly interacts with <i>lola</i> like and both are part of the repressive complex of Polycomb group of genes. <i>Mechanisms of Development</i> , 2003, 120, 681-689.	1.7	69
13	Triplet repeats in human genome: distribution and their association with genes and other genomic regions. <i>Bioinformatics</i> , 2003, 19, 549-552.	1.8	66
14	Virtual Reality in Neurosurgery: Beyond Neurosurgical Planning. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1719.	1.2	66
15	A Distinct Phylogenetic Cluster of Indian Severe Acute Respiratory Syndrome Coronavirus 2 Isolates. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa434.	0.4	64
16	Vertebrate Homologue of <i>Drosophila</i> GAGA Factor. <i>Journal of Molecular Biology</i> , 2010, 400, 434-447.	2.0	62
17	Novel motifs distinguish multiple homologues of Polycomb in vertebrates: expansion and diversification of the epigenetic toolkit. <i>BMC Genomics</i> , 2009, 10, 549.	1.2	57
18	The paternal hidden agenda: Epigenetic inheritance through sperm chromatin. <i>Epigenetics</i> , 2010, 5, 386-391.	1.3	56

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19	AAGAG repeat RNA is an essential component of nuclear matrix in <i>Drosophila</i> . RNA Biology, 2013, 10, 564-571.	1.5	52
20	Damage-responsive elements in <i>Drosophila</i> regeneration. Genome Research, 2018, 28, 1852-1866.	2.4	52
21	Genome-wide analysis of Bkm sequences (GATA repeats): predominant association with sex chromosomes and potential role in higher order chromatin organization and function. Bioinformatics, 2003, 19, 681-685.	1.8	51
22	Deterioration of nuclear morphology and architecture: A hallmark of senescence and aging. Ageing Research Reviews, 2021, 67, 101264.	5.0	51
23	Reptin and Pontin function antagonistically with PcG and TrxG complexes to mediate Hox gene control. EMBO Reports, 2008, 9, 260-266.	2.0	49
24	Three small nucleolar RNAs that are involved in ribosomal RNA precursor processing. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 4972-4977.	3.3	48
25	Transcriptional activation by GAGA factor is through its direct interaction with dmTAF3. Developmental Biology, 2008, 317, 660-670.	0.9	45
26	Finding clues to the riddle of sex determination in zebrafish. Journal of Biosciences, 2016, 41, 145-155.	0.5	44
27	A fine balance: epigenetic control of cellular quiescence by the tumor suppressor PRDM2/RIZ at a bivalent domain in the cyclin a gene. Nucleic Acids Research, 2015, 43, 6236-6256.	6.5	42
28	Long Noncoding RNAs in Mammalian Development and Diseases. Advances in Experimental Medicine and Biology, 2017, 1008, 155-198.	0.8	41
29	Boundary Element-Associated Factor 32B Connects Chromatin Domains to the Nuclear Matrix. Molecular and Cellular Biology, 2007, 27, 4796-4806.	1.1	38
30	Emerging trends of long non-coding RNAs in gene activation. FEBS Journal, 2014, 281, 34-45.	2.2	38
31	Pyrazole-oxadiazole conjugates: synthesis, antiproliferative activity and inhibition of tubulin polymerization. Organic and Biomolecular Chemistry, 2014, 12, 7993-8007.	1.5	38
32	Miracles in hox gene regulation. BioEssays, 2006, 28, 445-448.	1.2	36
33	PERF: an exhaustive algorithm for ultra-fast and efficient identification of microsatellites from large DNA sequences. Bioinformatics, 2018, 34, 943-948.	1.8	36
34	Epigenetic regulation of genes during development: A conserved theme from flies to mammals. Journal of Genetics and Genomics, 2008, 35, 413-429.	1.7	33
35	Nuclear Matrix Proteome Analysis of <i>Drosophila melanogaster</i> . Molecular and Cellular Proteomics, 2010, 9, 2005-2018.	2.5	33
36	<i>Drosophila</i> Rif1 is an essential gene and controls late developmental events by direct interaction with PP1-87B. Scientific Reports, 2015, 5, 10679.	1.6	32

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37	Genome-wide mapping of matrix attachment regions in <i>Drosophila melanogaster</i> . <i>BMC Genomics</i> , 2014, 15, 1022.	1.2	30
38	Synthesis and characterization of poly{N-(3-(dimethylamino) propyl) methacrylamide-co-itaconic acid} hydrogels for drug delivery. <i>Journal of Applied Polymer Science</i> , 2011, 119, 3199-3206.	1.3	29
39	Regulation of cellular chromatin state. <i>Organogenesis</i> , 2010, 6, 37-47.	0.4	28
40	CARM1 regulates astroglial lineage through transcriptional regulation of Nanog and posttranscriptional regulation by miR92a. <i>Molecular Biology of the Cell</i> , 2015, 26, 316-326.	0.9	26
41	RNA interference in mosquito: understanding immune responses, double-stranded RNA delivery systems and potential applications in vector control. <i>Insect Molecular Biology</i> , 2017, 26, 127-139.	1.0	26
42	Extreme conservation of noncoding DNA near HoxD complex of vertebrates. <i>BMC Genomics</i> , 2004, 5, 75.	1.2	25
43	Vertebrate GAGA factor associated insulator elements demarcate homeotic genes in the HOX clusters. <i>Epigenetics and Chromatin</i> , 2013, 6, 8.	1.8	25
44	GATA simple sequence repeats function as enhancer blocker boundaries. <i>Nature Communications</i> , 2013, 4, 1844.	5.8	25
45	Functional sub-division of the <i>Drosophila</i> genome via chromatin looping. <i>Nucleus</i> , 2013, 4, 115-122.	0.6	25
46	Improved leishmanicidal effect of phosphorotioate antisense oligonucleotides by LDL-mediated delivery. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1995, 1264, 229-237.	2.4	22
47	Repeat performance: how do genome packaging and regulation depend on simple sequence repeats?. <i>BioEssays</i> , 2010, 32, 165-174.	1.2	22
48	A functionally conserved Polycomb response element from mouse HoxD complex responds to heterochromatin factors. <i>Scientific Reports</i> , 2013, 3, 3011.	1.6	22
49	MSDB: A Comprehensive Database of Simple Sequence Repeats. <i>Genome Biology and Evolution</i> , 2017, 9, 1797-1802.	1.1	22
50	Selective inhibition of cell-free translation by oligonucleotides targeted to a mRNA hairpin structure. <i>Nucleic Acids Research</i> , 1998, 26, 2273-2278.	6.5	21
51	Chromatin remodeling protein INO80 has a role in regulation of homeotic gene expression in <i>Drosophila</i> . <i>Genes To Cells</i> , 2010, 15, 725-735.	0.5	21
52	Chromatin domain boundary element search tool for <i>Drosophila</i> . <i>Nucleic Acids Research</i> , 2012, 40, 4385-4395.	6.5	21
53	Role of abd-A and Abd-B in Development of Abdominal Epithelia Breaks Posterior Prevalence Rule. <i>PLoS Genetics</i> , 2014, 10, e1004717.	1.5	21
54	Distinct Molecular Strategies for Hox-Mediated Limb Suppression in <i>Drosophila</i> : From Cooperativity to Dispensability/Antagonism in TALE Partnership. <i>PLoS Genetics</i> , 2013, 9, e1003307.	1.5	20

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55	Single Amino Acid Repeats in the Proteome World: Structural, Functional, and Evolutionary Insights. PLoS ONE, 2016, 11, e0166854.	1.1	20
56	Homeotic Genes: Clustering, Modularity, and Diversity. Frontiers in Cell and Developmental Biology, 2021, 9, 718308.	1.8	20
57	Defining the methodological approach for wastewater-based epidemiological studiesâ€”Surveillanceâ€”of SARS-CoV-2. Environmental Technology and Innovation, 2021, 23, 101696.	3.0	20
58	A BEAF dependent chromatin domain boundary separates myoglianin and eyeless genes of Drosophila melanogaster. Nucleic Acids Research, 2011, 39, 3543-3557.	6.5	19
59	Epigenetic profile of the euchromatic region of human Y chromosome. Nucleic Acids Research, 2011, 39, 3594-3606.	6.5	19
60	Protection of Shrimp Penaeus monodon from WSSV Infection Using Antisense Constructs. Marine Biotechnology, 2014, 16, 63-73.	1.1	19
61	Highâ€”wire act: the poised genome and cellular memory. FEBS Journal, 2015, 282, 1675-1691.	2.2	19
62	Subclinical respiratory dysfunction in chronic cervical cord compression: a pulmonary function test correlation. Neurosurgical Focus, 2016, 40, E3.	1.0	19
63	Comparison of Nuclear Matrix and Mitotic Chromosome Scaffold Proteins in Drosophila S2 Cellsâ€”Transmission of Hallmarks of Nuclear Organization Through Mitosis. Molecular and Cellular Proteomics, 2018, 17, 1965-1978.	2.5	19
64	A functionally conserved boundary element from the mouse HoxD locus requires GAGA factor in Drosophila. Development (Cambridge), 2010, 137, 4239-4247.	1.2	18
65	Conserved boundary elements from the Hox complex of mosquito, Anopheles gambiae. Nucleic Acids Research, 2013, 41, 804-816.	6.5	18
66	Boundaries that demarcate structural and functional domains of chromatin. Journal of Biosciences, 1999, 24, 377-399.	0.5	17
67	To SIR with Polycomb: linking silencing mechanisms. BioEssays, 2005, 27, 119-121.	1.2	17
68	Easing diagnosis and pushing the detection limits of SARS-CoV-2. Biology Methods and Protocols, 2020, 5, bpaa017.	1.0	17
69	Dynamics of nuclear matrix proteome during embryonic development in Drosophila melanogaster. Journal of Biosciences, 2011, 36, 439-459.	0.5	16
70	MSDB: a comprehensive, annotated database of microsatellites. Nucleic Acids Research, 2020, 48, D155-D159.	6.5	16
71	Sperm methylome alterations following yogaâ€”based lifestyle intervention in patients of primary male infertility: A pilot study. Andrologia, 2020, 52, e13551.	1.0	16
72	Correlation between the DNA supercoiling and the initiation of transcription by Escherichia coli RNA polymerase in vitro: role of the sequences upstream of the promoter region. FEBS Letters, 1990, 260, 273-276.	1.3	15

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73	Extreme conservation of non-repetitive non-coding regions near HoxD complex of vertebrates. <i>Genome Biology</i> , 2003, 4, P2.	13.9	15
74	Identification and Validation of a Putative Polycomb Responsive Element in the Human Genome. <i>PLoS ONE</i> , 2013, 8, e67217.	1.1	15
75	Specific combinations of boundary element and Polycomb response element are required for the regulation of the Hox genes in <i>Drosophila melanogaster</i> . <i>Mechanisms of Development</i> , 2015, 138, 141-150.	1.7	15
76	Expansion of the polycomb system and evolution of complexity. <i>Mechanisms of Development</i> , 2015, 138, 97-112.	1.7	15
77	Per-operative glue embolization with surgical decompression: A multimodality treatment for aggressive vertebral haemangioma. <i>Interventional Neuroradiology</i> , 2019, 25, 570-578.	0.7	15
78	Epigenomic and genomic landscape of <i>Drosophila melanogaster</i> heterochromatic genes. <i>Genomics</i> , 2019, 111, 177-185.	1.3	15
79	<i>Drosophila</i> Hox genes induce melanized pseudo-tumors when misexpressed in hemocytes. <i>Scientific Reports</i> , 2021, 11, 1838.	1.6	15
80	The CpG Island Encompassing the Promoter and First Exon of Human DNMT3L Gene Is a PcG/TrX Response Element (PRE). <i>PLoS ONE</i> , 2014, 9, e93561.	1.1	15
81	Interplay of pericentromeric genome organization and chromatin landscape regulates the expression of <i>Drosophila melanogaster</i> heterochromatic genes. <i>Epigenetics and Chromatin</i> , 2020, 13, 41.	1.8	14
82	Improved synthesis of oligodeoxyribonucleotide using 3-methoxy-4-phenoxybenzoyl group for amino protection. <i>Nucleic Acids Research</i> , 1986, 14, 6197-6213.	6.5	13
83	Vertebrate GAF/ThPOK: emerging functions in chromatin architecture and transcriptional regulation. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 623-633.	2.4	13
84	Mechanism of initiation of transcription by <i>Escherichia coli</i> RNA polymerase on supercoiled template. <i>Molecular Microbiology</i> , 1993, 8, 507-515.	1.2	12
85	Reversible loss of reproductive fitness in zebrafish on chronic alcohol exposure. <i>Alcohol</i> , 2016, 50, 83-89.	0.8	12
86	The BEN Domain Protein Insensitive Binds to the <i>Fab-7</i> Chromatin Boundary To Establish Proper Segmental Identity in <i>Drosophila</i> . <i>Genetics</i> , 2018, 210, 573-585.	1.2	12
87	Role of Music Therapy in Traumatic Brain Injury: A Systematic Review and Meta-analysis. <i>World Neurosurgery</i> , 2021, 146, 197-204.	0.7	12
88	Length and sequence dependent accumulation of simple sequence repeats in vertebrates: Potential role in genome organization and regulation. <i>Gene</i> , 2014, 551, 167-175.	1.0	11
89	Simple sequence repeats showing α^{\sim} length preference TM have regulatory functions in humans. <i>Gene</i> , 2017, 628, 156-161.	1.0	11
90	Involvement of <i>Polycomb</i> α group genes in establishing <i>HoxD</i> temporal colinearity. <i>Genesis</i> , 2007, 45, 570-576.	0.8	10

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91	A double-edged sword to force posterior dominance of Hox genes. <i>BioEssays</i> , 2008, 30, 1058-1061.	1.2	10
92	Interruptions of (CG) sequences by GG, TG and CA need not prevent B to Z transition in solution. <i>Nucleic Acids Research</i> , 1988, 16, 4651-4665.	6.5	9
93	DNA Intercalation and Photoinduced Cleavage by 4-Nitro(N-Hexylamine)1,8-Naphthalimide. <i>Nucleosides & Nucleotides</i> , 1994, 13, 963-978.	0.5	9
94	Transposable Element ϕ Attaches to Nuclear Matrix of the <i>Drosophila melanogaster</i> . <i>Journal of Insect Science</i> , 2013, 13, 1-27.	0.9	9
95	Epigenetic mechanisms and boundaries in the regulation of mammalian Hox clusters. <i>Mechanisms of Development</i> , 2015, 138, 160-169.	1.7	9
96	Role of intraoperative dynamic magnetic resonance myelogram in management of giant dorsolumbar spinal extradural arachnoid cyst: case report. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 185-188.	0.9	9
97	The putative Neuronatin imprint control region is an enhancer that also regulates the <i>Blcap</i> gene. <i>Epigenomics</i> , 2019, 11, 251-266.	1.0	9
98	Identification of Evolutionarily Conserved Nuclear Matrix Proteins and Their Prokaryotic Origins. <i>Journal of Proteome Research</i> , 2021, 20, 518-530.	1.8	9
99	<i>Satb2</i> acts as a gatekeeper for major developmental transitions during early vertebrate embryogenesis. <i>Nature Communications</i> , 2021, 12, 6094.	5.8	9
100	DNA duplex with the potential to change handedness after every half a turn. <i>Nucleic Acids Research</i> , 1989, 17, 7273-7281.	6.5	8
101	MRD: a microsatellite repeats database for prokaryotic and eukaryotic genomes. <i>Genome Biology</i> , 2002, 3, preprint0011.1.	13.9	8
102	An intronic DNA sequence within the mouse Neuronatin gene exhibits biochemical characteristics of an ICR and acts as a transcriptional activator in <i>Drosophila</i> . <i>Mechanisms of Development</i> , 2008, 125, 963-973.	1.7	8
103	<i>Drosophila</i> Choline transporter non-canonically regulates pupal eclosion and NMJ integrity through a neuronal subset of mushroom body. <i>Developmental Biology</i> , 2019, 446, 80-93.	0.9	8
104	Genomic organization of Polycomb Response Elements and its functional implication in <i>Drosophila</i> and other insects. <i>Journal of Biosciences</i> , 2020, 45, 1.	0.5	8
105	Detection of SARS-CoV-2 in the air in Indian hospitals and houses of COVID-19 patients. <i>Journal of Aerosol Science</i> , 2022, 164, 106002.	1.8	8
106	DNMT3L enables accumulation and inheritance of epimutations in transgenic <i>Drosophila</i> . <i>Scientific Reports</i> , 2016, 6, 19572.	1.6	7
107	The placental gateway of maternal transgenerational epigenetic inheritance. <i>Journal of Genetics</i> , 2017, 96, 465-482.	0.4	7
108	Heart Rate Variability as a Predictor of Mortality in Traumatic Brain Injury: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2021, 148, 80-89.	0.7	7

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109	RISCI - Repeat Induced Sequence Changes Identifier: a comprehensive, comparative genomics-based, in silico subtractive hybridization pipeline to identify repeat induced sequence changes in closely related genomes. <i>BMC Bioinformatics</i> , 2010, 11, 609.	1.2	6
110	The functional diversity of <i>Drosophila</i> Ino80 in development. <i>Mechanisms of Development</i> , 2015, 138, 113-121.	1.7	6
111	Ultraconserved Sequences Associated with HoxD Cluster Have Strong Repression Activity. <i>Genome Biology and Evolution</i> , 2017, 9, 2134-2139.	1.1	6
112	Lessons on gene regulation learnt from the <i>Drosophila melanogaster</i> bithorax complex. <i>International Journal of Developmental Biology</i> , 2020, 64, 151-158.	0.3	6
113	Epigenetic factors Polycomb (Pc) and Suppressor of zeste (Su(z)2) negatively regulate longevity in <i>Drosophila melanogaster</i> . <i>Biogerontology</i> , 2018, 19, 33-45.	2.0	6
114	Longitudinal and Long-Term Wastewater Surveillance for COVID-19: Infection Dynamics and Zoning of Urban Community. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2697.	1.2	6
115	Promoter search and strength of a promoter: two important means for regulation of gene expression in <i>Escherichia coli</i> . <i>Journal of Biosciences</i> , 1993, 18, 1-11.	0.5	5
116	Differential influence of DNA supercoiling on in vivo strength of promoters varying in structure and organisation in <i>E. coli</i> . <i>FEBS Letters</i> , 1994, 340, 189-192.	1.3	5
117	Distinguishing States of Arrest: Genome-Wide Descriptions of Cellular Quiescence Using ChIP-Seq and RNA-Seq Analysis. <i>Methods in Molecular Biology</i> , 2018, 1686, 215-239.	0.4	4
118	Heterochromatic hues of transcription – the diverse roles of noncoding transcripts from constitutive heterochromatin. <i>FEBS Journal</i> , 2019, 286, 4626-4641.	2.2	4
119	Interactome of vertebrate GAF/ThPOK reveals its diverse functions in gene regulation and DNA repair. <i>Journal of Biosciences</i> , 2020, 45, 1.	0.5	4
120	Enigma of what is Known about Intracranial Aneurysm Occlusion with Endovascular Devices. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105737.	0.7	4
121	Role of vertebrate GAGA associated factor (vGAF) in early development of zebrafish. <i>Cells and Development</i> , 2021, 166, 203682.	0.7	4
122	Temporal stability and detection sensitivity of the dry swab-based diagnosis of SARS-CoV-2. <i>Journal of Biosciences</i> , 2021, 46, 1.	0.5	4
123	Endoscopic-Assisted Microsurgery for Vestibular Schwannomas: Operative Nuances. <i>Neurology India</i> , 2021, 69, 578.	0.2	4
124	Mechanism of Initiation of Transcription in <i>Escherichia Coli</i> . <i>Nucleosides & Nucleotides</i> , 1991, 10, 607-608.	0.5	3
125	Clinical predictors of abnormal head computed tomography scan in patients who are conscious after head injury. <i>Journal of Neurosciences in Rural Practice</i> , 2017, 08, 064-067.	0.3	3
126	O-GlcNAcylation of boundary element associated factor (BEAF 32) in <i>Drosophila melanogaster</i> correlates with active histone marks at the promoters of its target genes. <i>Nucleus</i> , 2018, 9, 65-86.	0.6	3

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127	Long-Read Genome Sequencing and Assembly of <i>Leptopilina bouvardi</i> : A Specialist <i>Drosophila</i> Parasitoid. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 1485-1494.	0.8	3
128	Global chromatin organizer SATB1 acts as a context-dependent regulator of the Wnt/Wg target genes. <i>Scientific Reports</i> , 2021, 11, 3385.	1.6	3
129	<i>In situ</i> nuclear matrix preparation in <i>Drosophila melanogaster</i> embryos/tissues and its use in studying the components of nuclear architecture. <i>Nucleus</i> , 2022, 13, 117-129.	0.6	3
130	Obesity as a predictor of outcome following traumatic brain injury: A systematic review and meta-analysis. <i>Clinical Neurology and Neurosurgery</i> , 2022, 217, 107260.	0.6	3
131	Design of a chemical nuclease model with (Lys)2Cu as the core motif. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 337.	2.0	2
132	A ChIP-on-chip tiling array approach detects functional histone-free regions associated with boundaries at vertebrate HOX genes. <i>Genomics Data</i> , 2014, 2, 78-81.	1.3	2
133	C-State: an interactive web app for simultaneous multi-gene visualization and comparative epigenetic pattern search. <i>BMC Bioinformatics</i> , 2017, 18, 392.	1.2	2
134	SETDB1 modulates the differentiation of both the crystal cells and the lamellocytes in <i>Drosophila</i> . <i>Developmental Biology</i> , 2019, 456, 74-85.	0.9	2
135	Testing and surveillance strategies in the context of COVID-19 in India. <i>Indian Chemical Engineer</i> , 2020, 62, 343-350.	0.9	2
136	Letter to the Editor Regarding "What's in a Name? Global Neurosurgery™ in the 21st Century" World Neurosurgery, 2020, 143, 644-645.	0.7	2
137	Tissue-specific transcriptome recovery on withdrawal from chronic alcohol exposure in zebrafish. <i>Alcohol</i> , 2021, 91, 29-38.	0.8	2
138	Comparative nuclear matrix proteome analysis of skeletal muscle cells in different cellular states. <i>Cell Biology International</i> , 2021, 45, 580-598.	1.4	2
139	The new generation double layered flow diverters for endovascular treatment of intracranial aneurysms: current status of ongoing clinical uses. <i>Expert Review of Medical Devices</i> , 2021, 18, 139-144.	1.4	2
140	Posture induced severe fixed cervical flexion deformity-a neurosurgical image. <i>British Journal of Neurosurgery</i> , 2024, 38, 122-124.	0.4	2
141	The role of nuclear organization in trans-splicing based expression of heat shock protein 90 in <i>Giardia lamblia</i> . <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009810.	1.3	2
142	<i>Drosophila</i> as a Model for Mosquito: Olfactory Signals and Host Seeking Behaviour. <i>Current Science</i> , 2015, 110, 44.	0.4	2
143	Genomic organization of Polycomb Response Elements and its functional implication in and other insects. <i>Journal of Biosciences</i> , 2020, 45, .	0.5	2
144	In situ Nuclear Matrix preparation in <i>Drosophila melanogaster</i> enabling genetic analysis of the nuclear architecture. <i>STAR Protocols</i> , 2022, 3, 101394.	0.5	2

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145	Sequence Specific Chemical Recognition Of DNA. Nucleosides & Nucleotides, 1991, 10, 609-613.	0.5	1
146	Tone up your chromatin and stay young. Journal of Biosciences, 2011, 36, 5-11.	0.5	1
147	Homeotic Gene Regulation: A Paradigm for Epigenetic Mechanisms Underlying Organismal Development. Sub-Cellular Biochemistry, 2013, 61, 177-207.	1.0	1
148	Letter to the Editor Regarding: "A Surprise Sabbatical: How Mayo Clinic Neurosurgery Coped with Coronavirus Disease 2019" World Neurosurgery, 2020, 144, 328-329.	0.7	1
149	Letter to the Editor: "The Return Back to Typical Practice from the "Battle Plan"™ of the Coronavirus Disease 2019 (COVID-19) Pandemic: A Comparative Study" World Neurosurgery, 2020, 143, 594.	0.7	1
150	Transcriptomic dataset of zebrafish tissues following chronic alcohol exposure and withdrawal. Data in Brief, 2020, 33, 106442.	0.5	1
151	Letter to the Editor Regarding: "Case Volumes and Perioperative COVID-19 Incidence in Neurosurgical Patients During a Pandemic: Experiences at Two Tertiary Care Centers in Washington, DC" World Neurosurgery, 2020, 143, 632.	0.7	1
152	SARS-CoV 2 and the pathobiology of the respiratory control mechanisms in the brainstem. Journal of the Formosan Medical Association, 2021, 120, 767-768.	0.8	1
153	Predictive Value of Rotterdam Score and Marshall Score in Traumatic Brain Injury: A Contemporary Review. Indian Journal of Neurotrauma, 2022, 19, 069-077.	0.3	1
154	Letter: Prepontine Shunting for Pseudotumor Cerebri in Previously Failed Shunt Patients: A 5-Year Analysis. Neurosurgery, 2021, 89, E140-E141.	0.6	1
155	Genomic organization of the autonomous regulatory domain of <i>eyeless</i> locus in <i>Drosophila melanogaster</i> . G3: Genes, Genomes, Genetics, 2021, 11, .	0.8	1
156	Synthetic nucleases crafted from L-lysine. Journal of Chemical Sciences, 1994, 106, 1071-1088.	0.7	1
157	Interactome of vertebrate GAF/ThPOK reveals its diverse functions in gene regulation and DNA repair. Journal of Biosciences, 2020, 45, .	0.5	1
158	A scoping review to understand the indications, effectiveness, and limitations of cabergoline in radiological and biochemical remission of prolactinomas. Indian Journal of Endocrinology and Metabolism, 2021, 25, 493.	0.2	1
159	Systematic scoping review of papilledema in vestibular schwannoma without hydrocephalus. British Journal of Neurosurgery, 2023, 37, 127-136.	0.4	1
160	Sequence criteria for Z-DNA formation: studies on poly d(ACGT). Nucleic Acids Research, 1989, 17, 450-450.	6.5	0
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