

Rakesh Kumar Mishra

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

187
papers

2,709
citations

28
h-index

45
g-index

216
ext. papers

3,319
ext. citations

4.8
avg, IF

5.45
L-index

#	Paper	IF	Citations
187	Genome-wide analysis of microsatellite repeats in humans: their abundance and density in specific genomic regions. <i>Genome Biology</i> , 2003 , 4, R13	18.3	243
186	The iab-7 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, 1311-8	4.8	149
185	A conserved sequence motif in Polycomb-response elements. <i>Molecular Cell</i> , 1998 , 1, 1065-6	17.6	105
184	The enhancer-blocking activity of the Fab-7 boundary from the Drosophila bithorax complex requires GAGA-factor-binding sites. <i>Genetics</i> , 2004 , 168, 1371-84	4	91
183	Synergistic recognition of an epigenetic DNA element by Pleiohomeotic and a Polycomb core complex. <i>Genes and Development</i> , 2005 , 19, 1755-60	12.6	75
182	Design and synthesis of pyrazole-oxindole conjugates targeting tubulin polymerization as new anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2015 , 92, 501-13	6.8	65
181	Triplet repeats in human genome: distribution and their association with genes and other genomic regions. <i>Bioinformatics</i> , 2003 , 19, 549-52	7.2	61
180	Efficient and specific targeting of Polycomb group proteins requires cooperative interaction between Grainyhead and Pleiohomeotic. <i>Molecular and Cellular Biology</i> , 2006 , 26, 1434-44	4.8	58
179	Vertebrate homologue of Drosophila GAGA factor. <i>Journal of Molecular Biology</i> , 2010 , 400, 434-47	6.5	55
178	Novel motifs distinguish multiple homologues of Polycomb in vertebrates: expansion and diversification of the epigenetic toolkit. <i>BMC Genomics</i> , 2009 , 10, 549	4.5	51
177	Functional diversification of yeast telomere associated protein, Rif1, in higher eukaryotes. <i>BMC Genomics</i> , 2012 , 13, 255	4.5	49
176	The paternal hidden agenda: Epigenetic inheritance through sperm chromatin. <i>Epigenetics</i> , 2010 , 5, 386-91	9.7	49
175	A Distinct Phylogenetic Cluster of Indian Severe Acute Respiratory Syndrome Coronavirus 2 Isolates. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa434	1	49
174	Three small nucleolar RNAs that are involved in ribosomal RNA precursor processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 4972-7	11.5	46
173	Reptin and Pontin function antagonistically with PcG and TrxG complexes to mediate Hox gene control. <i>EMBO Reports</i> , 2008 , 9, 260-6	6.5	45
172	Genome-wide analysis of Bkm sequences (GATA repeats): predominant association with sex chromosomes and potential role in higher order chromatin organization and function. <i>Bioinformatics</i> , 2003 , 19, 681-5	7.2	44
171	Trl-GAGA directly interacts with lola like and both are part of the repressive complex of Polycomb group of genes. <i>Mechanisms of Development</i> , 2003 , 120, 681-9	1.7	43

170	Patterns of microsatellite distribution across eukaryotic genomes. <i>BMC Genomics</i> , 2019 , 20, 153	4.5	41
169	Transcriptional activation by GAGA factor is through its direct interaction with dmTAF3. <i>Developmental Biology</i> , 2008 , 317, 660-70	3.1	35
168	Emerging trends of long non-coding RNAs in gene activation. <i>FEBS Journal</i> , 2014 , 281, 34-45	5.7	34
167	AAGAG repeat RNA is an essential component of nuclear matrix in Drosophila. <i>RNA Biology</i> , 2013 , 10, 564-71	4.8	34
166	Finding clues to the riddle of sex determination in zebrafish. <i>Journal of Biosciences</i> , 2016 , 41, 145-55	2.3	33
165	Pyrazole-oxadiazole conjugates: synthesis, antiproliferative activity and inhibition of tubulin polymerization. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 7993-8007	3.9	33
164	Boundary element-associated factor 32B connects chromatin domains to the nuclear matrix. <i>Molecular and Cellular Biology</i> , 2007 , 27, 4796-806	4.8	33
163	SARS-CoV-2 genomics: An Indian perspective on sequencing viral variants. <i>Journal of Biosciences</i> , 2021 , 46, 1	2.3	33
162	Epigenetic regulation of genes during development: a conserved theme from flies to mammals. <i>Journal of Genetics and Genomics</i> , 2008 , 35, 413-29	4	31
161	"Mir"acles in hox gene regulation. <i>BioEssays</i> , 2006 , 28, 445-8	4.1	31
160	Surveillance of SARS-CoV-2 spread using wastewater-based epidemiology: Comprehensive study. <i>Science of the Total Environment</i> , 2021 , 768, 144704	10.2	31
159	A fine balance: epigenetic control of cellular quiescence by the tumor suppressor PRDM2/RIZ at a bivalent domain in the cyclin a gene. <i>Nucleic Acids Research</i> , 2015 , 43, 6236-56	20.1	28
158	Long Noncoding RNAs in Mammalian Development and Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 1008, 155-198	3.6	28
157	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	2.9	25
156	Regulation of cellular chromatin state: insights from quiescence and differentiation. <i>Organogenesis</i> , 2010 , 6, 37-47	1.7	24
155	Damage-responsive elements in regeneration. <i>Genome Research</i> , 2018 , 28, 1852-1866	9.7	24
154	Nuclear matrix proteome analysis of Drosophila melanogaster. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 2005-18	7.6	23
153	Extreme conservation of noncoding DNA near HoxD complex of vertebrates. <i>BMC Genomics</i> , 2004 , 5, 75	4.5	23

152	Vertebrate GAGA factor associated insulator elements demarcate homeotic genes in the HOX clusters. <i>Epigenetics and Chromatin</i> , 2013 , 6, 8	5.8	22
151	Drosophila Rif1 is an essential gene and controls late developmental events by direct interaction with PP1-87B. <i>Scientific Reports</i> , 2015 , 5, 10679	4.9	21
150	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	3.4	20
149	PERF: an exhaustive algorithm for ultra-fast and efficient identification of microsatellites from large DNA sequences. <i>Bioinformatics</i> , 2018 , 34, 943-948	7.2	20
148	Selective inhibition of cell-free translation by oligonucleotides targeted to a mRNA hairpin structure. <i>Nucleic Acids Research</i> , 1998 , 26, 2273-8	20.1	20
147	Genome-wide mapping of matrix attachment regions in Drosophila melanogaster. <i>BMC Genomics</i> , 2014 , 15, 1022	4.5	19
146	Functional sub-division of the Drosophila genome via chromatin looping: the emerging importance of CP190. <i>Nucleus</i> , 2013 , 4, 115-22	3.9	19
145	GATA simple sequence repeats function as enhancer blocker boundaries. <i>Nature Communications</i> , 2013 , 4, 1844	17.4	18
144	Distinct molecular strategies for Hox-mediated limb suppression in Drosophila: from cooperativity to dispensability/antagonism in TALE partnership. <i>PLoS Genetics</i> , 2013 , 9, e1003307	6	18
143	Repeat performance: how do genome packaging and regulation depend on simple sequence repeats?. <i>BioEssays</i> , 2010 , 32, 165-74	4.1	18
142	Improved leishmanicidal effect of phosphorotioate antisense oligonucleotides by LDL-mediated delivery. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1995 , 1264, 229-37		18
141	CARM1 regulates astroglial lineage through transcriptional regulation of Nanog and posttranscriptional regulation by miR92a. <i>Molecular Biology of the Cell</i> , 2015 , 26, 316-26	3.5	17
140	Chromatin domain boundary element search tool for Drosophila. <i>Nucleic Acids Research</i> , 2012 , 40, 4385-95.1	25.1	17
139	To SIR with Polycomb: linking silencing mechanisms. <i>BioEssays</i> , 2005 , 27, 119-21	4.1	17
138	A distinct phylogenetic cluster of Indian SARS-CoV-2 isolates		17
137	Deterioration of nuclear morphology and architecture: A hallmark of senescence and aging. <i>Ageing Research Reviews</i> , 2021 , 67, 101264	12	17
136	Protection of shrimp Penaeus monodon from WSSV infection using antisense constructs. <i>Marine Biotechnology</i> , 2014 , 16, 63-73	3.4	16
135	Conserved boundary elements from the Hox complex of mosquito, Anopheles gambiae. <i>Nucleic Acids Research</i> , 2013 , 41, 804-16	20.1	16

134	A functionally conserved boundary element from the mouse HoxD locus requires GAGA factor in Drosophila. <i>Development (Cambridge)</i> , 2010 , 137, 4239-47	6.6	16
133	Epigenetic profile of the euchromatic region of human Y chromosome. <i>Nucleic Acids Research</i> , 2011 , 39, 3594-606	20.1	16
132	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. <i>FEBS Letters</i> , 1990 , 260, 273-6	3.8	15
131	Single Amino Acid Repeats in the Proteome World: Structural, Functional, and Evolutionary Insights. <i>PLoS ONE</i> , 2016 , 11, e0166854	3.7	15
130	High-wire act: the poised genome and cellular memory. <i>FEBS Journal</i> , 2015 , 282, 1675-91	5.7	14
129	MSDB: A Comprehensive Database of Simple Sequence Repeats. <i>Genome Biology and Evolution</i> , 2017 , 9, 1797-1802	3.9	14
128	A functionally conserved Polycomb response element from mouse HoxD complex responds to heterochromatin factors. <i>Scientific Reports</i> , 2013 , 3, 3011	4.9	14
127	Chromatin remodeling protein INO80 has a role in regulation of homeotic gene expression in Drosophila. <i>Genes To Cells</i> , 2010 , 15, 725-35	2.3	14
126	A BEAF dependent chromatin domain boundary separates myoglianin and eyeless genes of Drosophila melanogaster. <i>Nucleic Acids Research</i> , 2011 , 39, 3543-57	20.1	14
125	Extreme conservation of non-repetitive non-coding regions near HoxD complex of vertebrates 2003 , 4, P2		14
124	Dynamics of nuclear matrix proteome during embryonic development in Drosophila melanogaster. <i>Journal of Biosciences</i> , 2011 , 36, 439-59	2.3	13
123	Boundaries that demarcate structural and functional domains of chromatin. <i>Journal of Biosciences</i> , 1999 , 24, 377-399	2.3	13
122	Sperm methylome alterations following yoga-based lifestyle intervention in patients of primary male infertility: A pilot study. <i>Andrologia</i> , 2020 , 52, e13551	2.4	12
121	Mechanism of initiation of transcription by Escherichia coli RNA polymerase on supercoiled template. <i>Molecular Microbiology</i> , 1993 , 8, 507-15	4.1	12
120	Improved synthesis of oligodeoxyribonucleotide using 3-methoxy-4-phenoxybenzoyl group for amino protection. <i>Nucleic Acids Research</i> , 1986 , 14, 6197-213	20.1	12
119	Expansion of the polycomb system and evolution of complexity. <i>Mechanisms of Development</i> , 2015 , 138 Pt 2, 97-112	1.7	11
118	Reversible loss of reproductive fitness in zebrafish on chronic alcohol exposure. <i>Alcohol</i> , 2016 , 50, 83-9	2.7	11
117	Comparison of Nuclear Matrix and Mitotic Chromosome Scaffold Proteins in S2 Cells-Transmission of Hallmarks of Nuclear Organization Through Mitosis. <i>Molecular and Cellular Proteomics</i> , 2018 , 17, 1965-1978	7.6	11

116	Virtual Reality in Neurosurgery: Beyond Neurosurgical Planning.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	11
115	Length and sequence dependent accumulation of simple sequence repeats in vertebrates: potential role in genome organization and regulation. <i>Gene</i> , 2014 , 551, 167-75	3.8	10
114	Role of abd-A and Abd-B in development of abdominal epithelia breaks posterior prevalence rule. <i>PLoS Genetics</i> , 2014 , 10, e1004717	6	10
113	Involvement of polycomb-group genes in establishing HoxD temporal colinearity. <i>Genesis</i> , 2007 , 45, 570-69	6.9	10
112	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	3.7	10
111	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 Pt 2, 141-150	1.7	9
110	Subclinical respiratory dysfunction in chronic cervical cord compression: a pulmonary function test correlation. <i>Neurosurgical Focus</i> , 2016 , 40, E3	4.2	9
109	Identification and Validation of a Putative Polycomb Responsive Element in the Human Genome. <i>PLoS ONE</i> , 2013 , 8, e67217	3.7	9
108	Per-operative glue embolization with surgical decompression: A multimodality treatment for aggressive vertebral haemangioma. <i>Interventional Neuroradiology</i> , 2019 , 25, 570-578	1.9	8
107	Epigenetic mechanisms and boundaries in the regulation of mammalian Hox clusters. <i>Mechanisms of Development</i> , 2015 , 138 Pt 2, 160-169	1.7	8
106	Vertebrate GAF/ThPOK: emerging functions in chromatin architecture and transcriptional regulation. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 623-633	10.3	8
105	Simple sequence repeats showing length preference have regulatory functions in humans. <i>Gene</i> , 2017 , 628, 156-161	3.8	8
104	Transposable element Roost attaches to nuclear matrix of the <i>Drosophila melanogaster</i> . <i>Journal of Insect Science</i> , 2013 , 13, 111		8
103	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, 963-73	1.7	8
102	MRD: a microsatellite repeats database for prokaryotic and eukaryotic genomes. <i>Genome Biology</i> , 2002 , 3, PREPRINT0011	18.3	8
101	DNA Intercalation and Photoinduced Cleavage by 4-Nitro(N-Hexylamine)1,8-Naphthalimide. <i>Nucleosides & Nucleotides</i> , 1994 , 13, 963-978		8
100	DNA duplex with the potential to change handedness after every half a turn. <i>Nucleic Acids Research</i> , 1989 , 17, 7273-81	20.1	8
99	Interruptions of (CG) _n sequences by GG, TG and CA need not prevent B to Z transition in solution. <i>Nucleic Acids Research</i> , 1988 , 16, 4651-65	20.1	8

98	Easing diagnosis and pushing the detection limits of SARS-CoV-2. <i>Biology Methods and Protocols</i> , 2020 , 5, bpaa017	2.4	8
97	The putative Neuronatin imprint control region is an enhancer that also regulates the Blcap gene. <i>Epigenomics</i> , 2019 , 11, 251-266	4.4	7
96	A double-edged sword to force posterior dominance of Hox genes. <i>BioEssays</i> , 2008 , 30, 1058-61	4.1	7
95	Epigenomic and genomic landscape of Drosophila melanogaster heterochromatic genes. <i>Genomics</i> , 2019 , 111, 177-185	4.3	7
94	The BEN Domain Protein Insensitive Binds to the Chromatin Boundary To Establish Proper Segmental Identity in. <i>Genetics</i> , 2018 , 210, 573-585	4	7
93	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	2.8	6
92	MSDB: a comprehensive, annotated database of microsatellites. <i>Nucleic Acids Research</i> , 2020 , 48, D155-D159	2.59	6
91	The placental gateway of maternal transgenerational epigenetic inheritance. <i>Journal of Genetics</i> , 2017 , 96, 465-482	1.2	5
90	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	3.6	5
89	Differential influence of DNA supercoiling on in vivo strength of promoters varying in structure and organisation in E. coli. <i>FEBS Letters</i> , 1994 , 340, 189-92	3.8	5
88	Defining the methodological approach for wastewater-based epidemiological studies-Surveillance of SARS-CoV-2. <i>Environmental Technology and Innovation</i> , 2021 , 23, 101696	7	5
87	The functional diversity of Drosophila Ino80 in development. <i>Mechanisms of Development</i> , 2015 , 138 Pt 2, 113-121	1.7	4
86	Interplay of pericentromeric genome organization and chromatin landscape regulates the expression of Drosophila melanogaster heterochromatic genes. <i>Epigenetics and Chromatin</i> , 2020 , 13, 41	5.8	4
85	Ultraconserved Sequences Associated with HoxD Cluster Have Strong Repression Activity. <i>Genome Biology and Evolution</i> , 2017 , 9, 2049-2054	3.9	4
84	Promoter search and strength of a promoter: two important means for regulation of gene expression in Escherichia coli. <i>Journal of Biosciences</i> , 1993 , 18, 1-11	2.3	4
83	DNMT3L enables accumulation and inheritance of epimutations in transgenic Drosophila. <i>Scientific Reports</i> , 2016 , 6, 19572	4.9	4
82	Heterochromatic hues of transcription-the diverse roles of noncoding transcripts from constitutive heterochromatin. <i>FEBS Journal</i> , 2019 , 286, 4626-4641	5.7	3
81	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	1.4	3

80	Mechanism of Initiation of Transcription in Escherichia Coli. <i>Nucleosides & Nucleotides</i> , 1991 , 10, 607-608		3
79	Drosophila 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	3.1	3
78	Role of Music Therapy in Traumatic Brain Injury: A Systematic Review and Meta-analysis. <i>World Neurosurgery</i> , 2021 , 146, 197-204	2.1	3
77	Methodological Approach for Wastewater Based Epidemiological Studies for SARS-CoV-2		3
76	Letter to the Editor Regarding "What's in a Name? Global Neurosurgery in the 21st Century". <i>World Neurosurgery</i> , 2020 , 143, 644-645	2.1	2
75	Interactome of vertebrate GAF/ThPOK reveals its diverse functions in gene regulation and DNA repair. <i>Journal of Biosciences</i> , 2020 , 45, 1	2.3	2
74	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		2
73	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 , 8, 64-67	1.1	2
72	Epigenetic factors Polycomb (Pc) and Suppressor of zeste (Su(z)2) negatively regulate longevity in Drosophila melanogaster. <i>Biogerontology</i> , 2018 , 19, 33-45	4.5	2
71	Lessons on gene regulation learnt from the Drosophila melanogaster bithorax complex. <i>International Journal of Developmental Biology</i> , 2020 , 64, 151-158	1.9	2
70	Long-Read Genome Sequencing and Assembly of : A Specialist Parasitoid. <i>G3: Genes, Genomes, Genetics</i> , 2020 , 10, 1485-1494	3.2	2
69	Understanding SARS-CoV-2 Infection and Dynamics with Long Term Wastewater based Epidemiological Surveillance		2
68	Tissue-specific transcriptome recovery on withdrawal from chronic alcohol exposure in zebrafish. <i>Alcohol</i> , 2021 , 91, 29-38	2.7	2
67	Drosophila Hox genes induce melanized pseudo-tumors when misexpressed in hemocytes. <i>Scientific Reports</i> , 2021 , 11, 1838	4.9	2
66	Posture induced severe fixed cervical flexion deformity-a neurosurgical image. <i>British Journal of Neurosurgery</i> , 2021 , 1-3	1	2
65	Homeotic Genes: Clustering, Modularity, and Diversity. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 718308	5.7	2
64	SETDB1 modulates the differentiation of both the crystal cells and the lamellocytes in Drosophila. <i>Developmental Biology</i> , 2019 , 456, 74-85	3.1	1
63	Testing and surveillance strategies in the context of COVID-19 in India. <i>Indian Chemical Engineer</i> , 2020 , 62, 343-350	1	1

62	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". <i>World Neurosurgery</i> , 2020 , 143, 632	2.1	1
61	Genomic organization of Polycomb Response Elements and its functional implication in Drosophila and other insects. <i>Journal of Biosciences</i> , 2020 , 45, 1	2.3	1
60	C-State: an interactive web app for simultaneous multi-gene visualization and comparative epigenetic pattern search. <i>BMC Bioinformatics</i> , 2017 , 18, 392	3.6	1
59	Homeotic gene regulation: a paradigm for epigenetic mechanisms underlying organismal development. <i>Sub-Cellular Biochemistry</i> , 2013 , 61, 177-207	5.5	1
58	Tone up your chromatin and stay young. <i>Journal of Biosciences</i> , 2011 , 36, 5-11	2.3	1
57	Sequence Specific Chemical Recognition Of DNA. <i>Nucleosides & Nucleotides</i> , 1991 , 10, 609-613		1
56	Identification of evolutionarily conserved nuclear matrix proteins and their prokaryotic origins		1
55	Letter to the Editor Regarding: "A Surprise Sabbatical: How Mayo Clinic Neurosurgery Coped with Coronavirus Disease 2019". <i>World Neurosurgery</i> , 2020 , 144, 328-329	2.1	1
54	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". <i>World Neurosurgery</i> , 2020 , 143, 594	2.1	1
53	Dry Swab Method of sample collection for SARS-CoV2 testing can be used for culturing virus		1
52	Letter: Preoperative Shunting for Pseudotumor Cerebri in Previously Failed Shunt Patients: A 5-Year Analysis. <i>Neurosurgery</i> , 2021 , 89, E140-E141	3.2	1
51	Comprehensive and Temporal Surveillance of SARS-CoV-2 in Urban Water Bodies: Early Signal of Second Wave Onset		1
50	Enigma of what is Known about Intracranial Aneurysm Occlusion with Endovascular Devices. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 105737	2.8	1
49	Role of vertebrate GAGA associated factor (vGAF) in early development of zebrafish. <i>Cells and Development</i> , 2021 , 166, 203682		1
48	SARS-CoV 2 and the pathobiology of the respiratory control mechanisms in the brainstem. <i>Journal of the Formosan Medical Association</i> , 2021 , 120, 767-768	3.2	1
47	Comparative nuclear matrix proteome analysis of skeletal muscle cells in different cellular states. <i>Cell Biology International</i> , 2021 , 45, 580-598	4.5	1
46	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	3.5	1
45	Detection of SARS-CoV-2 in the air from hospitals and closed rooms occupied by COVID-19 patients		1

44	Genomic organization of Polycomb Response Elements and its functional implication in and other insects. <i>Journal of Biosciences</i> , 2020 , 45,	2.3	1
43	Interactome of vertebrate GAF/ThPOK reveals its diverse functions in gene regulation and DNA repair. <i>Journal of Biosciences</i> , 2020 , 45,	2.3	1
42	nuclear matrix preparation in embryos/tissues and its use in studying the components of nuclear architecture.. <i>Nucleus</i> , 2022 , 13, 116-128	3.9	1
41	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	4.3	1
40	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	3.9	0
39	Endoscopic-Assisted Microsurgery for Vestibular Schwannomas: Operative Nuances. <i>Neurology India</i> , 2021 , 69, 578-581	0.7	0
38	Satb2 acts as a gatekeeper for major developmental transitions during early vertebrate embryogenesis. <i>Nature Communications</i> , 2021 , 12, 6094	17.4	0
37	Temporal stability and detection sensitivity of the dry swab-based diagnosis of SARS-CoV-2. <i>Journal of Biosciences</i> , 2021 , 46, 1	2.3	0
36	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	2.1	0
35	Identification of Evolutionarily Conserved Nuclear Matrix Proteins and Their Prokaryotic Origins. <i>Journal of Proteome Research</i> , 2021 , 20, 518-530	5.6	0
34	Global chromatin organizer SATB1 acts as a context-dependent regulator of the Wnt/Wg target genes. <i>Scientific Reports</i> , 2021 , 11, 3385	4.9	0
33	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	2	0
32	In situ Nuclear Matrix preparation in <i>Drosophila melanogaster</i> enabling genetic analysis of the nuclear architecture. <i>STAR Protocols</i> , 2022 , 3, 101394	1.4	0
31	Transcriptomic dataset of zebrafish tissues following chronic alcohol exposure and withdrawal. <i>Data in Brief</i> , 2020 , 33, 106442	1.2	
30	Letter to the Editor: Home Program for Acquisition and Maintenance of Microsurgical Skills During the COVID-19 Outbreak. <i>World Neurosurgery</i> , 2020 , 143, 604	2.1	
29	Letter to the Editor Regarding: "Coronavirus Neurosurgical/Head and Neck Drape to Prevent Aerosolization of Coronavirus Disease 2019 (COVID-19): The Lenox Hill Hospital/Northwell Health Solution". <i>World Neurosurgery</i> , 2020 , 143, 615-616	2.1	
28	Little imaginal discs, a Trithorax group member, is a constituent of nuclear matrix of <i>Drosophila melanogaster</i> embryos. <i>Journal of Biosciences</i> , 2018 , 43, 621-633	2.3	
27	From chromosomes to genomes: new insights with emerging techniques. <i>Nucleus (India)</i> , 2018 , 61, 227-234		

26	Genomic packaging and epigenetic regulation of genes. <i>Molecular Cytogenetics</i> , 2014 , 7, 125	2
25	Restraining the enhancers from straying. <i>Journal of Biosciences</i> , 2014 , 39, 739-40	2.3
24	SnS-Align: a graphic tool for alignment of distantly related proteins. <i>International Journal of Bioinformatics Research and Applications</i> , 2009 , 5, 663-73	0.9
23	Edward B Lewis (1918-2004). <i>Journal of Biosciences</i> , 2004 , 29, 231-3	2.3
22	Sequence criteria for Z-DNA formation: studies on poly d(ACGT). <i>Nucleic Acids Research</i> , 1989 , 17, 450	20.1
21	Screening of clones containing altered DNA conformations by plasmid topoprofile shift. <i>Journal of Proteomics</i> , 1991 , 22, 171-5	
20	Synthetic nucleases crafted from L-lysine. <i>Journal of Chemical Sciences</i> , 1994 , 106, 1071-1088	1.8
19	Polycomb Group of Genes and the Epigenetics of Aging 2010 , 135-150	
18	Mining the cis-regulatory elements of Hox clusters. <i>Methods in Molecular Biology</i> , 2014 , 1196, 121-31	1.4
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