

# Rakesh Kumar Mishra

## List of Publications by Year in Descending Order

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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	Virtual Reality in Neurosurgery: Beyond Neurosurgical Planning.. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	11
186	Systematic scoping review of papilledema in vestibular schwannoma without hydrocephalus.. <i>British Journal of Neurosurgery</i> , <b>2022</b> , 1-10	1	
185	nuclear matrix preparation in embryos/tissues and its use in studying the components of nuclear architecture.. <i>Nucleus</i> , <b>2022</b> , 13, 116-128	3.9	1
184	Letter to the Editor Regarding: Decompressive Craniectomy After Traumatic Brain Injury: Incorporating Patient Preferences into Decision Making.. <i>World Neurosurgery</i> , <b>2022</b> , 160, 123	2.1	
183	Obesity as a predictor of outcome following traumatic brain injury: A systematic review and meta-analysis.. <i>Clinical Neurology and Neurosurgery</i> , <b>2022</b> , 217, 107260	2	0
182	Detection of SARS-CoV-2 in the air in Indian hospitals and houses of COVID-19 patients.. <i>Journal of Aerosol Science</i> , <b>2022</b> , 164, 106002	4.3	1
181	In situ Nuclear Matrix preparation in <i>Drosophila melanogaster</i> enabling genetic analysis of the nuclear architecture. <i>STAR Protocols</i> , <b>2022</b> , 3, 101394	1.4	0
180	Endoscopic-Assisted Microsurgery for Vestibular Schwannomas: Operative Nuances. <i>Neurology India</i> , <b>2021</b> , 69, 578-581	0.7	0
179	Satb2 acts as a gatekeeper for major developmental transitions during early vertebrate embryogenesis. <i>Nature Communications</i> , <b>2021</b> , 12, 6094	17.4	0
178	Temporal stability and detection sensitivity of the dry swab-based diagnosis of SARS-CoV-2. <i>Journal of Biosciences</i> , <b>2021</b> , 46, 1	2.3	0
177	Letter to the Editor Regarding "Management of Traumatic Brain Injury at a Medium Complexity Hospital in a Remote Area of Amazonas, 2017-2019". <i>World Neurosurgery</i> , <b>2021</b> , 147, 256	2.1	
176	Heart Rate Variability as a Predictor of Mortality in Traumatic Brain Injury: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , <b>2021</b> , 148, 80-89	2.1	0
175	Letter: Contemporary Analysis of Minimal Clinically Important Difference in the Neurosurgical Literature. <i>Neurosurgery</i> , <b>2021</b> , 89, E82-E83	3.2	
174	Letter to the editor in response to "subdural drainage techniques for single burr-hole evacuation of chronic subdural hematoma: two drains frontal-occipital position versus one drain frontal position". <i>British Journal of Neurosurgery</i> , <b>2021</b> , 1-2	1	
173	Surveillance of SARS-CoV-2 spread using wastewater-based epidemiology: Comprehensive study. <i>Science of the Total Environment</i> , <b>2021</b> , 768, 144704	10.2	31
172	Letter: Prepontine Shunting for Pseudotumor Cerebri in Previously Failed Shunt Patients: A 5-Year Analysis. <i>Neurosurgery</i> , <b>2021</b> , 89, E140-E141	3.2	1
171	Deterioration of nuclear morphology and architecture: A hallmark of senescence and aging. <i>Ageing Research Reviews</i> , <b>2021</b> , 67, 101264	12	17

170	Enigma of what is Known about Intracranial Aneurysm Occlusion with Endovascular Devices. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2021</b> , 30, 105737	2.8	1
169	Role of vertebrate GAGA associated factor (vGAF) in early development of zebrafish. <i>Cells and Development</i> , <b>2021</b> , 166, 203682		1
168	Non-dysraphic extramedullary intradural spinal lipoma with neurocutaneous melanocytosis. <i>British Journal of Neurosurgery</i> , <b>2021</b> , 1-5	1	
167	Letter to the Editor Regarding "Females in Neurosurgery: from a Matter of Fortuitous Occasions Towards a Conscious Choice". <i>World Neurosurgery</i> , <b>2021</b> , 150, 242-243	2.1	
166	Letter to the Editor. Intrahospital transport and SAH: possible impact on low- and middle-income countries. <i>Journal of Neurosurgery</i> , <b>2021</b> , 1-2	3.2	
165	Letter to the Editor Regarding: "Functional Motor Skills in Children that Underwent Fetal Myelomeningocele Repair: Does Anatomic Level Matter?". <i>World Neurosurgery</i> , <b>2021</b> , 151, 329-330	2.1	
164	SARS-CoV 2 and the pathobiology of the respiratory control mechanisms in the brainstem. <i>Journal of the Formosan Medical Association</i> , <b>2021</b> , 120, 767-768	3.2	1
163	Tissue-specific transcriptome recovery on withdrawal from chronic alcohol exposure in zebrafish. <i>Alcohol</i> , <b>2021</b> , 91, 29-38	2.7	2
162	Comparative nuclear matrix proteome analysis of skeletal muscle cells in different cellular states. <i>Cell Biology International</i> , <b>2021</b> , 45, 580-598	4.5	1
161	Identification of Evolutionarily Conserved Nuclear Matrix Proteins and Their Prokaryotic Origins. <i>Journal of Proteome Research</i> , <b>2021</b> , 20, 518-530	5.6	0
160	Role of Music Therapy in Traumatic Brain Injury: A Systematic Review and Meta-analysis. <i>World Neurosurgery</i> , <b>2021</b> , 146, 197-204	2.1	3
159	Drosophila Hox genes induce melanized pseudo-tumors when misexpressed in hemocytes. <i>Scientific Reports</i> , <b>2021</b> , 11, 1838	4.9	2
158	Letter to the Editor Regarding "A Bibliographic Analysis of the Most Cited Articles in Global Neurosurgery". <i>World Neurosurgery</i> , <b>2021</b> , 145, 533-534	2.1	
157	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> , <b>2021</b> , 18, 139-144	3.5	1
156	Global chromatin organizer SATB1 acts as a context-dependent regulator of the Wnt/Wg target genes. <i>Scientific Reports</i> , <b>2021</b> , 11, 3385	4.9	0
155	Defogging Strategy for Protective Eye Goggles to Prevent Microorganism Transmission While Performing Neurosurgical Procedures. <i>Journal of Neurosciences in Rural Practice</i> , <b>2021</b> , 12, 447-449	1.1	
154	Posture induced severe fixed cervical flexion deformity-a neurosurgical image. <i>British Journal of Neurosurgery</i> , <b>2021</b> , 1-3	1	2
153	SARS-CoV-2 genomics: An Indian perspective on sequencing viral variants. <i>Journal of Biosciences</i> , <b>2021</b> , 46, 1	2.3	33

152	Homeotic Genes: Clustering, Modularity, and Diversity. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 718308	5.7	2
151	Defining the methodological approach for wastewater-based epidemiological studies-Surveillance of SARS-CoV-2. <i>Environmental Technology and Innovation</i> , <b>2021</b> , 23, 101696	7	5
150	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> , <b>2021</b> , 15, e0009810	4.8	
149	Letter to the Editor. The Kempe incision. <i>Journal of Neurosurgery</i> , <b>2021</b> , 1-2	3.2	
148	A scoping review to understand the indications, effectiveness, and limitations of cabergoline in radiological and biochemical remission of prolactinomas.. <i>Indian Journal of Endocrinology and Metabolism</i> , <b>2021</b> , 25, 493-506	1.7	
147	Transcriptomic dataset of zebrafish tissues following chronic alcohol exposure and withdrawal. <i>Data in Brief</i> , <b>2020</b> , 33, 106442	1.2	
146	Testing and surveillance strategies in the context of COVID-19 in India. <i>Indian Chemical Engineer</i> , <b>2020</b> , 62, 343-350	1	1
145	Interplay of pericentromeric genome organization and chromatin landscape regulates the expression of <i>Drosophila melanogaster</i> heterochromatic genes. <i>Epigenetics and Chromatin</i> , <b>2020</b> , 13, 41	5.8	4
144	Letter to the Editor: Home Program for Acquisition and Maintenance of Microsurgical Skills During the COVID-19 Outbreak. <i>World Neurosurgery</i> , <b>2020</b> , 143, 604	2.1	
143	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> , <b>2020</b> , 143, 615-616	2.1	
142	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> , <b>2020</b> , 143, 632	2.1	1
141	Letter to the Editor Regarding "What's in a Name? Global Neurosurgery in the 21st Century". <i>World Neurosurgery</i> , <b>2020</b> , 143, 644-645	2.1	2
140	Sperm methylome alterations following yoga-based lifestyle intervention in patients of primary male infertility: A pilot study. <i>Andrologia</i> , <b>2020</b> , 52, e13551	2.4	12
139	Interactome of vertebrate GAF/ThPOK reveals its diverse functions in gene regulation and DNA repair. <i>Journal of Biosciences</i> , <b>2020</b> , 45, 1	2.3	2
138	Genomic organization of Polycomb Response Elements and its functional implication in <i>Drosophila</i> and other insects. <i>Journal of Biosciences</i> , <b>2020</b> , 45, 1	2.3	1
137	A Distinct Phylogenetic Cluster of Indian Severe Acute Respiratory Syndrome Coronavirus 2 Isolates. <i>Open Forum Infectious Diseases</i> , <b>2020</b> , 7, ofaa434	1	49
136	Letter to the Editor Regarding "Creating a Comprehensive Research Platform for Surgical Technique and Operative Outcome in Primary Brain Tumor Neurosurgery". <i>World Neurosurgery</i> , <b>2020</b> , 144, 300	2.1	
135	Letter to the Editor Regarding: "A Surprise Sabbatical: How Mayo Clinic Neurosurgery Coped with Coronavirus Disease 2019". <i>World Neurosurgery</i> , <b>2020</b> , 144, 328-329	2.1	1

134	Lessons on gene regulation learnt from the <i>Drosophila melanogaster</i> bithorax complex. <i>International Journal of Developmental Biology</i> , <b>2020</b> , 64, 151-158	1.9	2
133	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> , <b>2020</b> , 143, 594	2.1	1
132	Letter to the Editor Regarding "Staying Home"-Early Changes in Patterns of Neurotrauma in New York City during the COVID-19 Pandemic. <i>World Neurosurgery</i> , <b>2020</b> , 143, 611	2.1	
131	Long-Read Genome Sequencing and Assembly of <i>A. Specialist Parasitoid</i> . <i>G3: Genes, Genomes, Genetics</i> , <b>2020</b> , 10, 1485-1494	3.2	2
130	Easing diagnosis and pushing the detection limits of SARS-CoV-2. <i>Biology Methods and Protocols</i> , <b>2020</b> , 5, bpaa017	2.4	8
129	MSDB: a comprehensive, annotated database of microsatellites. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, D155-D159	2.5	6
128	Genomic organization of Polycomb Response Elements and its functional implication in and other insects. <i>Journal of Biosciences</i> , <b>2020</b> , 45,	2.3	1
127	Interactome of vertebrate GAF/ThPOK reveals its diverse functions in gene regulation and DNA repair. <i>Journal of Biosciences</i> , <b>2020</b> , 45,	2.3	1
126	Heterochromatic hues of transcription-the diverse roles of noncoding transcripts from constitutive heterochromatin. <i>FEBS Journal</i> , <b>2019</b> , 286, 4626-4641	5.7	3
125	SETDB1 modulates the differentiation of both the crystal cells and the lamellocytes in <i>Drosophila</i> . <i>Developmental Biology</i> , <b>2019</b> , 456, 74-85	3.1	1
124	The putative Neuronatin imprint control region is an enhancer that also regulates the Blcap gene. <i>Epigenomics</i> , <b>2019</b> , 11, 251-266	4.4	7
123	Per-operative glue embolization with surgical decompression: A multimodality treatment for aggressive vertebral haemangioma. <i>Interventional Neuroradiology</i> , <b>2019</b> , 25, 570-578	1.9	8
122	Patterns of microsatellite distribution across eukaryotic genomes. <i>BMC Genomics</i> , <b>2019</b> , 20, 153	4.5	41
121	<i>Drosophila</i> Choline transporter non-canonically regulates pupal eclosion and NMJ integrity through a neuronal subset of mushroom body. <i>Developmental Biology</i> , <b>2019</b> , 446, 80-93	3.1	3
120	Epigenomic and genomic landscape of <i>Drosophila melanogaster</i> heterochromatic genes. <i>Genomics</i> , <b>2019</b> , 111, 177-185	4.3	7
119	PERF: an exhaustive algorithm for ultra-fast and efficient identification of microsatellites from large DNA sequences. <i>Bioinformatics</i> , <b>2018</b> , 34, 943-948	7.2	20
118	Distinguishing States of Arrest: Genome-Wide Descriptions of Cellular Quiescence Using ChIP-Seq and RNA-Seq Analysis. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1686, 215-239	1.4	3
117	Vertebrate GAF/ThPOK: emerging functions in chromatin architecture and transcriptional regulation. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 623-633	10.3	8

116	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> , <b>2018</b> , 9, 65-86	3.9	0
115	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> , <b>2018</b> , 17, 1965-1978	7.6	11
114	Little imaginal discs, a Trithorax group member, is a constituent of nuclear matrix of <i>Drosophila melanogaster</i> embryos. <i>Journal of Biosciences</i> , <b>2018</b> , 43, 621-633	2.3	
113	From chromosomes to genomes: new insights with emerging techniques. <i>Nucleus (India)</i> , <b>2018</b> , 61, 227-234	2.3	
112	Epigenetic factors Polycomb (Pc) and Suppressor of zeste (Su(z)2) negatively regulate longevity in <i>Drosophila melanogaster</i> . <i>Biogerontology</i> , <b>2018</b> , 19, 33-45	4.5	2
111	Damage-responsive elements in regeneration. <i>Genome Research</i> , <b>2018</b> , 28, 1852-1866	9.7	24
110	The BEN Domain Protein Insensitive Binds to the Chromatin Boundary To Establish Proper Segmental Identity in. <i>Genetics</i> , <b>2018</b> , 210, 573-585	4	7
109	Little imaginal discs, a Trithorax group member, is a constituent of nuclear matrix of embryos. <i>Journal of Biosciences</i> , <b>2018</b> , 43, 621-633	2.3	
108	Role of intraoperative dynamic magnetic resonance myelogram in management of giant dorsolumbar spinal extradural arachnoid cyst: case report. <i>Journal of Neurosurgery: Spine</i> , <b>2017</b> , 27, 185-188	2.8	6
107	RNA interference in mosquito: understanding immune responses, double-stranded RNA delivery systems and potential applications in vector control. <i>Insect Molecular Biology</i> , <b>2017</b> , 26, 127-139	3.4	20
106	C-State: an interactive web app for simultaneous multi-gene visualization and comparative epigenetic pattern search. <i>BMC Bioinformatics</i> , <b>2017</b> , 18, 392	3.6	1
105	Ultraconserved Sequences Associated with HoxD Cluster Have Strong Repression Activity. <i>Genome Biology and Evolution</i> , <b>2017</b> , 9, 2049-2054	3.9	4
104	Simple sequence repeats showing length preference have regulatory functions in humans. <i>Gene</i> , <b>2017</b> , 628, 156-161	3.8	8
103	Long Noncoding RNAs in Mammalian Development and Diseases. <i>Advances in Experimental Medicine and Biology</i> , <b>2017</b> , 1008, 155-198	3.6	28
102	The placental gateway of maternal transgenerational epigenetic inheritance. <i>Journal of Genetics</i> , <b>2017</b> , 96, 465-482	1.2	5
101	MSDB: A Comprehensive Database of Simple Sequence Repeats. <i>Genome Biology and Evolution</i> , <b>2017</b> , 9, 1797-1802	3.9	14
100	Clinical predictors of abnormal head computed tomography scan in patients who are conscious after head injury. <i>Journal of Neurosciences in Rural Practice</i> , <b>2017</b> , 8, 64-67	1.1	2
99	Subclinical respiratory dysfunction in chronic cervical cord compression: a pulmonary function test correlation. <i>Neurosurgical Focus</i> , <b>2016</b> , 40, E3	4.2	9

98	Reversible loss of reproductive fitness in zebrafish on chronic alcohol exposure. <i>Alcohol</i> , <b>2016</b> , 50, 83-9	2.7	11
97	Finding clues to the riddle of sex determination in zebrafish. <i>Journal of Biosciences</i> , <b>2016</b> , 41, 145-55	2.3	33
96	Single Amino Acid Repeats in the Proteome World: Structural, Functional, and Evolutionary Insights. <i>PLoS ONE</i> , <b>2016</b> , 11, e0166854	3.7	15
95	DNMT3L enables accumulation and inheritance of epimutations in transgenic <i>Drosophila</i> . <i>Scientific Reports</i> , <b>2016</b> , 6, 19572	4.9	4
94	The functional diversity of <i>Drosophila</i> Ino80 in development. <i>Mechanisms of Development</i> , <b>2015</b> , 138 Pt 2, 113-121	1.7	4
93	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> , <b>2015</b> , 138 Pt 2, 141-150	1.7	9
92	Epigenetic mechanisms and boundaries in the regulation of mammalian Hox clusters. <i>Mechanisms of Development</i> , <b>2015</b> , 138 Pt 2, 160-169	1.7	8
91	High-wire act: the poised genome and cellular memory. <i>FEBS Journal</i> , <b>2015</b> , 282, 1675-91	5.7	14
90	Expansion of the polycomb system and evolution of complexity. <i>Mechanisms of Development</i> , <b>2015</b> , 138 Pt 2, 97-112	1.7	11
89	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> , <b>2015</b> , 43, 6236-56	20.1	28
88	CARM1 regulates astroglial lineage through transcriptional regulation of Nanog and posttranscriptional regulation by miR92a. <i>Molecular Biology of the Cell</i> , <b>2015</b> , 26, 316-26	3.5	17
87	Design and synthesis of pyrazole-oxindole conjugates targeting tubulin polymerization as new anticancer agents. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 92, 501-13	6.8	65
86	<i>Drosophila</i> Rif1 is an essential gene and controls late developmental events by direct interaction with PP1-87B. <i>Scientific Reports</i> , <b>2015</b> , 5, 10679	4.9	21
85	Genomic packaging and epigenetic regulation of genes. <i>Molecular Cytogenetics</i> , <b>2014</b> , 7, 125	2	
84	Emerging trends of long non-coding RNAs in gene activation. <i>FEBS Journal</i> , <b>2014</b> , 281, 34-45	5.7	34
83	Length and sequence dependent accumulation of simple sequence repeats in vertebrates: potential role in genome organization and regulation. <i>Gene</i> , <b>2014</b> , 551, 167-75	3.8	10
82	Pyrazole-oxadiazole conjugates: synthesis, antiproliferative activity and inhibition of tubulin polymerization. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 7993-8007	3.9	33
81	A CHIP-on-chip tiling array approach detects functional histone-free regions associated with boundaries at vertebrate HOX genes. <i>Genomics Data</i> , <b>2014</b> , 2, 78-81		2

80	Restraining the enhancers from straying. <i>Journal of Biosciences</i> , <b>2014</b> , 39, 739-40	2.3	
79	Genome-wide mapping of matrix attachment regions in <i>Drosophila melanogaster</i> . <i>BMC Genomics</i> , <b>2014</b> , 15, 1022	4.5	19
78	Role of abd-A and Abd-B in development of abdominal epithelia breaks posterior prevalence rule. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004717	6	10
77	Protection of shrimp <i>Penaeus monodon</i> from WSSV infection using antisense constructs. <i>Marine Biotechnology</i> , <b>2014</b> , 16, 63-73	3.4	16
76	The CpG island encompassing the promoter and first exon of human DNMT3L gene is a PcG/TrX response element (PRE). <i>PLoS ONE</i> , <b>2014</b> , 9, e93561	3.7	10
75	Mining the cis-regulatory elements of Hox clusters. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1196, 121-31	1.4	
74	Vertebrate GAGA factor associated insulator elements demarcate homeotic genes in the HOX clusters. <i>Epigenetics and Chromatin</i> , <b>2013</b> , 6, 8	5.8	22
73	Homeotic gene regulation: a paradigm for epigenetic mechanisms underlying organismal development. <i>Sub-Cellular Biochemistry</i> , <b>2013</b> , 61, 177-207	5.5	1
72	GATA simple sequence repeats function as enhancer blocker boundaries. <i>Nature Communications</i> , <b>2013</b> , 4, 1844	17.4	18
71	Distinct molecular strategies for Hox-mediated limb suppression in <i>Drosophila</i> : from cooperativity to dispensability/antagonism in TALE partnership. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003307	6	18
70	Conserved boundary elements from the Hox complex of mosquito, <i>Anopheles gambiae</i> . <i>Nucleic Acids Research</i> , <b>2013</b> , 41, 804-16	20.1	16
69	AAGAG repeat RNA is an essential component of nuclear matrix in <i>Drosophila</i> . <i>RNA Biology</i> , <b>2013</b> , 10, 564-71	4.8	34
68	Functional sub-division of the <i>Drosophila</i> genome via chromatin looping: the emerging importance of CP190. <i>Nucleus</i> , <b>2013</b> , 4, 115-22	3.9	19
67	A functionally conserved Polycomb response element from mouse HoxD complex responds to heterochromatin factors. <i>Scientific Reports</i> , <b>2013</b> , 3, 3011	4.9	14
66	Transposable element <i>Roos</i> attaches to nuclear matrix of the <i>Drosophila melanogaster</i> . <i>Journal of Insect Science</i> , <b>2013</b> , 13, 111		8
65	Identification and Validation of a Putative Polycomb Responsive Element in the Human Genome. <i>PLoS ONE</i> , <b>2013</b> , 8, e67217	3.7	9
64	Functional diversification of yeast telomere associated protein, Rif1, in higher eukaryotes. <i>BMC Genomics</i> , <b>2012</b> , 13, 255	4.5	49
63	Chromatin domain boundary element search tool for <i>Drosophila</i> . <i>Nucleic Acids Research</i> , <b>2012</b> , 40, 4385-95.1	25.1	17



62	Tone up your chromatin and stay young. <i>Journal of Biosciences</i> , <b>2011</b> , 36, 5-11	2.3	1
61	Dynamics of nuclear matrix proteome during embryonic development in <i>Drosophila melanogaster</i> . <i>Journal of Biosciences</i> , <b>2011</b> , 36, 439-59	2.3	13
60	Synthesis and characterization of poly{N-[3-(dimethylamino) propyl] methacrylamide-co-itaconic acid} hydrogels for drug delivery. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 119, 3199-3206	2.9	25
59	A BEAF dependent chromatin domain boundary separates myoglianin and eyeless genes of <i>Drosophila melanogaster</i> . <i>Nucleic Acids Research</i> , <b>2011</b> , 39, 3543-57	20.1	14
58	Epigenetic profile of the euchromatic region of human Y chromosome. <i>Nucleic Acids Research</i> , <b>2011</b> , 39, 3594-606	20.1	16
57	Chromatin remodeling protein INO80 has a role in regulation of homeotic gene expression in <i>Drosophila</i> . <i>Genes To Cells</i> , <b>2010</b> , 15, 725-35	2.3	14
56	A functionally conserved boundary element from the mouse HoxD locus requires GAGA factor in <i>Drosophila</i> . <i>Development (Cambridge)</i> , <b>2010</b> , 137, 4239-47	6.6	16
55	Nuclear matrix proteome analysis of <i>Drosophila melanogaster</i> . <i>Molecular and Cellular Proteomics</i> , <b>2010</b> , 9, 2005-18	7.6	23
54	Regulation of cellular chromatin state: insights from quiescence and differentiation. <i>Organogenesis</i> , <b>2010</b> , 6, 37-47	1.7	24
53	The paternal hidden agenda: Epigenetic inheritance through sperm chromatin. <i>Epigenetics</i> , <b>2010</b> , 5, 386-97	9.7	49
52	Vertebrate homologue of <i>Drosophila</i> GAGA factor. <i>Journal of Molecular Biology</i> , <b>2010</b> , 400, 434-47	6.5	55
51	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> , <b>2010</b> , 11, 609	3.6	5
50	Repeat performance: how do genome packaging and regulation depend on simple sequence repeats?. <i>BioEssays</i> , <b>2010</b> , 32, 165-74	4.1	18
49	Polycomb Group of Genes and the Epigenetics of Aging <b>2010</b> , 135-150		
48	Novel motifs distinguish multiple homologues of Polycomb in vertebrates: expansion and diversification of the epigenetic toolkit. <i>BMC Genomics</i> , <b>2009</b> , 10, 549	4.5	51
47	SnS-Align: a graphic tool for alignment of distantly related proteins. <i>International Journal of Bioinformatics Research and Applications</i> , <b>2009</b> , 5, 663-73	0.9	
46	Reptin and Pontin function antagonistically with PcG and TrxG complexes to mediate Hox gene control. <i>EMBO Reports</i> , <b>2008</b> , 9, 260-6	6.5	45
45	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> , <b>2008</b> , 125, 963-73	1.7	8

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39	"Mir"acles in hox gene regulation. <i>BioEssays</i> , <b>2006</b> , 28, 445-8	4.1	31
38	Efficient and specific targeting of Polycomb group proteins requires cooperative interaction between Grainyhead and Pleiohomeotic. <i>Molecular and Cellular Biology</i> , <b>2006</b> , 26, 1434-44	4.8	58
37	To SIR with Polycomb: linking silencing mechanisms. <i>BioEssays</i> , <b>2005</b> , 27, 119-21	4.1	17
36	Synergistic recognition of an epigenetic DNA element by Pleiohomeotic and a Polycomb core complex. <i>Genes and Development</i> , <b>2005</b> , 19, 1755-60	12.6	75
35	The enhancer-blocking activity of the Fab-7 boundary from the Drosophila bithorax complex requires GAGA-factor-binding sites. <i>Genetics</i> , <b>2004</b> , 168, 1371-84	4	91
34	Extreme conservation of noncoding DNA near HoxD complex of vertebrates. <i>BMC Genomics</i> , <b>2004</b> , 5, 75	4.5	23
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31	Extreme conservation of non-repetitive non-coding regions near HoxD complex of vertebrates <b>2003</b> , 4, P2		14
30	Genome-wide analysis of microsatellite repeats in humans: their abundance and density in specific genomic regions. <i>Genome Biology</i> , <b>2003</b> , 4, R13	18.3	243
29	Triplet repeats in human genome: distribution and their association with genes and other genomic regions. <i>Bioinformatics</i> , <b>2003</b> , 19, 549-52	7.2	61
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27	MRD: a microsatellite repeats database for prokaryotic and eukaryotic genomes. <i>Genome Biology</i> , <b>2002</b> , 3, PREPRINT0011	18.3	8

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15	Sequence Specific Chemical Recognition Of DNA. <i>Nucleosides &amp; Nucleotides</i> , <b>1991</b> , 10, 609-613		1
14	Mechanism of Initiation of Transcription in Escherichia Coli. <i>Nucleosides &amp; Nucleotides</i> , <b>1991</b> , 10, 607-608		3
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7	A distinct phylogenetic cluster of Indian SARS-CoV-2 isolates		17
6	Identification of evolutionarily conserved nuclear matrix proteins and their prokaryotic origins		1
5	Dry Swab Method of sample collection for SARS-CoV2 testing can be used for culturing virus		1
4	Understanding SARS-CoV-2 Infection and Dynamics with Long Term Wastewater based Epidemiological Surveillance		2
3	Comprehensive and Temporal Surveillance of SARS-CoV-2 in Urban Water Bodies: Early Signal of Second Wave Onset		1
2	Methodological Approach for Wastewater Based Epidemiological Studies for SARS-CoV-2		3
1	Detection of SARS-CoV-2 in the air from hospitals and closed rooms occupied by COVID-19 patients		1