

Chiranjib Chakraborty

List of Publications by Year in descending order

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Version: 2024-02-01

196
papers

6,911
citations

61857

43
h-index

79541

73
g-index

199
all docs

199
docs citations

199
times ranked

10138
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating miRNA in Atherosclerosis: A Clinical Biomarker and Early Diagnostic Tool. <i>Current Molecular Medicine</i> , 2022, 22, 250-262.	0.6	17
2	Present variants of concern and variants of interest of severe acute respiratory syndrome coronavirus 2: Their significant mutations in S-glycoprotein, infectivity, re-infectivity, immune escape and vaccines activity. <i>Reviews in Medical Virology</i> , 2022, 32, e2270.	3.9	71
3	Editorial overview: An initiative toward Ebola virus disease (EVD) free world: An edited special anti-infective issue on Ebola virus disease. <i>Current Opinion in Pharmacology</i> , 2022, 62, 12-14.	1.7	1
4	Emerging mutations in the SARS-CoV-2 variants and their role in antibody escape to small molecule-based therapeutic resistance. <i>Current Opinion in Pharmacology</i> , 2022, 62, 64-73.	1.7	29
5	Evaluation and Designing of Epitopic-Peptide Vaccine Against Bunyamwera orthobunyavirus Using M-Polyprotein Target Sequences. <i>International Journal of Peptide Research and Therapeutics</i> , 2022, 28, 5.	0.9	1
6	Bioengineering of Novel Non-Replicating mRNA (NRM) and Self-Amplifying mRNA (SAM) Vaccine Candidates Against SARS-CoV-2 Using Immunoinformatics Approach. <i>Molecular Biotechnology</i> , 2022, 64, 510-525.	1.3	15
7	Omicron (B.1.1.529) variant of SARS-CoV-2: Concerns, challenges, and recent updates. <i>Journal of Medical Virology</i> , 2022, 94, 2336-2342.	2.5	75
8	A Detailed Overview of Immune Escape, Antibody Escape, Partial Vaccine Escape of SARS-CoV-2 and Their Emerging Variants With Escape Mutations. <i>Frontiers in Immunology</i> , 2022, 13, 801522.	2.2	73
9	TN strain proteome mediated therapeutic target mapping and multi-epitopic peptide-based vaccine development for <i>Mycobacterium leprae</i> . <i>Infection, Genetics and Evolution</i> , 2022, 99, 105245.	1.0	4
10	A Paradigm Shift in the Combination Changes of SARS-CoV-2 Variants and Increased Spread of Delta Variant (B.1.617.2) across the World. , 2022, 13, 927.		11
11	Recent progress of circular RNAs in different types of human cancer: Technological landscape, clinical opportunities and challenges (Review). <i>International Journal of Oncology</i> , 2022, 60, .	1.4	8
12	Omicron variant (B.1.1.529) of SARS-CoV-2: understanding mutations in the genome, S-glycoprotein, and antibody-binding regions. <i>GeroScience</i> , 2022, 44, 619-637.	2.1	39
13	Hybrid immunity against COVID-19 in different countries with a special emphasis on the Indian scenario during the Omicron period. <i>International Immunopharmacology</i> , 2022, 108, 108766.	1.7	12
14	The recombinant variants of SARS-CoV-2: Concerns continues amid COVID-19 pandemic. <i>Journal of Medical Virology</i> , 2022, 94, 3506-3508.	2.5	33
15	Comparative genomics, evolutionary epidemiology, and RBD-hACE2 receptor binding pattern in B.1.1.7 (Alpha) and B.1.617.2 (Delta) related to their pandemic response in UK and India. <i>Infection, Genetics and Evolution</i> , 2022, 101, 105282.	1.0	7
16	Recombinant SARS-CoV-2 variants XD, XE, and XF: The emergence of recombinant variants requires an urgent call for research – Correspondence. <i>International Journal of Surgery</i> , 2022, 102, 106670.	1.1	27
17	Emerging cases of acute hepatitis of unknown origin in children amid the ongoing COVID-19 pandemic: Needs attention – Correspondence. <i>International Journal of Surgery</i> , 2022, 102, 106682.	1.1	3
18	Appearance and re-appearance of zoonotic disease during the pandemic period: long-term monitoring and analysis of zoonosis is crucial to confirm the animal origin of SARS-CoV-2 and monkeypox virus. <i>Veterinary Quarterly</i> , 2022, 42, 119-124.	3.0	32

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19	Need of booster vaccine doses to counteract the emergence of SARS-CoV-2 variants in the context of the Omicron variant and increasing COVID-19 cases: An update. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, .	1.4	15
20	Immune Response to SARS-CoV-2 Vaccines. <i>Biomedicines</i> , 2022, 10, 1464.	1.4	24
21	Unexpected sudden rise of human monkeypox cases in multiple non-endemic countries amid COVID-19 pandemic and salient counteracting strategies: Another potential global threat?. <i>International Journal of Surgery</i> , 2022, 103, 106705.	1.1	56
22	The recently emerged BA.4 and BA.5 lineages of Omicron and their global health concerns amid the ongoing wave of COVID-19 pandemic – Correspondence. <i>International Journal of Surgery</i> , 2022, 103, 106698.	1.1	76
23	Altered gut microbiota patterns in COVID-19: Markers for inflammation and disease severity. <i>World Journal of Gastroenterology</i> , 2022, 28, 2802-2822.	1.4	13
24	Continent-wide evolutionary trends of emerging SARS-CoV-2 variants: dynamic profiles from Alpha to Omicron. <i>GeroScience</i> , 2022, 44, 2371-2392.	2.1	9
25	Deep learning research should be encouraged more and more in different domains of surgery: An open call – Correspondence. <i>International Journal of Surgery</i> , 2022, 104, 106749.	1.1	2
26	Therapeutic advances of miRNAs: A preclinical and clinical update. <i>Journal of Advanced Research</i> , 2021, 28, 127-138.	4.4	244
27	Response to: Status of Remdesivir: Not Yet Beyond Question!. <i>Archives of Medical Research</i> , 2021, 52, 104-106.	1.5	7
28	PPAR β LBD and its ligand specificity reveal a selection of potential partial agonist: Molecular dynamics based T2D drug discovery initiative. <i>Biocell</i> , 2021, 45, 953-961.	0.4	0
29	A Novel Multi-Epitopic Peptide Vaccine Candidate Against <i>Helicobacter pylori</i> : In-Silico Identification, Design, Cloning and Validation Through Molecular Dynamics. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 1149-1166.	0.9	37
30	The bacteriophage mu lysis system – A new mechanism of host lysis?. <i>Biocell</i> , 2021, 45, 1175-1186.	0.4	1
31	SARS-CoV-2 protein drug targets landscape: a potential pharmacological insight view for the new drug development. <i>Expert Review of Clinical Pharmacology</i> , 2021, 14, 225-237.	1.3	18
32	CRISPR-Cas9: A Preclinical and Clinical Perspective for the Treatment of Human Diseases. <i>Molecular Therapy</i> , 2021, 29, 571-586.	3.7	124
33	Understanding the molecular evolution of tiger diversity through DNA barcoding marker ND4 and NADH dehydrogenase complex using computational biology. <i>Genes and Genomics</i> , 2021, 43, 759-773.	0.5	1
34	SARS-CoV-2 and other human coronaviruses: Mapping of protease recognition sites, antigenic variation of spike protein and their grouping through molecular phylogenetics. <i>Infection, Genetics and Evolution</i> , 2021, 89, 104729.	1.0	5
35	Immunoinformatics Approach for the Identification and Characterization of T Cell and B Cell Epitopes towards the Peptide-Based Vaccine against SARS-CoV-2. <i>Archives of Medical Research</i> , 2021, 52, 362-370.	1.5	24
36	SARS-CoV-2 Brazil variants in Latin America: More serious research urgently needed on public health and vaccine protection. <i>Annals of Medicine and Surgery</i> , 2021, 66, 102428.	0.5	18

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37	Asian-Origin Approved COVID-19 Vaccines and Current Status of COVID-19 Vaccination Program in Asia: A Critical Analysis. <i>Vaccines</i> , 2021, 9, 600.	2.1	22
38	Determination of k-mer density in a DNA sequence and subsequent cluster formation algorithm based on the application of electronic filter. <i>Scientific Reports</i> , 2021, 11, 13701.	1.6	8
39	Lessons Learned from Cutting-Edge Immunoinformatics on Next-Generation COVID-19 Vaccine Research. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 2303-2311.	0.9	6
40	From COVID-19 to Cancer mRNA Vaccines: Moving From Bench to Clinic in the Vaccine Landscape. <i>Frontiers in Immunology</i> , 2021, 12, 679344.	2.2	74
41	Strategies for transdermal drug delivery against bone disorders: A preclinical and clinical update. <i>Journal of Controlled Release</i> , 2021, 336, 375-395.	4.8	12
42	Evolution, Mode of Transmission, and Mutational Landscape of Newly Emerging SARS-CoV-2 Variants. <i>MBio</i> , 2021, 12, e0114021.	1.8	58
43	The current second wave and COVID-19 vaccination status in India. <i>Brain, Behavior, and Immunity</i> , 2021, 96, 1-4.	2.0	47
44	Recent research progress on circular RNAs: Biogenesis, properties, functions, and therapeutic potential. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 25, 355-371.	2.3	22
45	Designing an effective therapeutic siRNA to silence RdRp gene of SARS-CoV-2. <i>Infection, Genetics and Evolution</i> , 2021, 93, 104951.	1.0	29
46	Therapeutics development for Ebola virus disease: A recent scenario. <i>Current Opinion in Pharmacology</i> , 2021, 60, 208-215.	1.7	12
47	D614G mutation eventuates in all VOI and VOC in SARS-CoV-2: Is it part of the positive selection pioneered by Darwin?. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 26, 237-241.	2.3	30
48	All Nations Must Prioritize the COVID-19 Vaccination Program for Elderly Adults Urgently. , 2021, 12, 688.		11
49	Ongoing Clinical Trials of Vaccines to Fight against COVID-19 Pandemic. <i>Immune Network</i> , 2021, 21, e5.	1.6	21
50	A Next-Generation Vaccine Candidate Using Alternative Epitopes to Protect against Wuhan and All Significant Mutant Variants of SARS-CoV-2: An Immunoinformatics Approach. , 2021, 12, 2173.		20
51	D614G mutation and SARS-CoV-2: impact on S-protein structure, function, infectivity, and immunity. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 9035-9045.	1.7	34
52	The Drug Repurposing for COVID-19 Clinical Trials Provide Very Effective Therapeutic Combinations: Lessons Learned From Major Clinical Studies. <i>Frontiers in Pharmacology</i> , 2021, 12, 704205.	1.6	89
53	Understanding Gene Expression and Transcriptome Profiling of COVID-19: An Initiative Towards the Mapping of Protective Immunity Genes Against SARS-CoV-2 Infection. <i>Frontiers in Immunology</i> , 2021, 12, 724936.	2.2	17
54	COVID-19 vaccine: Challenges in developing countries and India's initiatives. <i>Infezioni in Medicina</i> , 2021, 29, 165-166.	0.7	3

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55	Evaluation of molecular interaction, physicochemical parameters and conserved pattern of SARS-CoV-2 Spike RBD and hACE2: in silico and molecular dynamics approach. <i>European Review for Medical and Pharmacological Sciences</i> , 2021, 25, 1708-1723.	0.5	6
56	Immunoinformatics approach to understand molecular interaction between multi-epitopic regions of SARS-CoV-2 spike-protein with TLR4/MD-2 complex. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104587.	1.0	68
57	A SARS-CoV-2 vaccine candidate: In-silico cloning and validation. <i>Informatics in Medicine Unlocked</i> , 2020, 20, 100394.	1.9	55
58	Repurposing Drugs, Ongoing Vaccine, and New Therapeutic Development Initiatives Against COVID-19. <i>Frontiers in Pharmacology</i> , 2020, 11, 1258.	1.6	91
59	Fibroblast-Like-Synoviocytes Mediate Secretion of Pro-Inflammatory Cytokines via ERK and JNK MAPKs in Ti-Particle-Induced Osteolysis. <i>Materials</i> , 2020, 13, 3628.	1.3	10
60	India's cost-effective COVID-19 vaccine development initiatives. <i>Vaccine</i> , 2020, 38, 7883-7884.	1.7	34
61	Single-cell sequencing of miRNAs: A modified technology. <i>Cell Biology International</i> , 2020, 44, 1773-1780.	1.4	8
62	Consider TLR5 for new therapeutic development against COVID-19. <i>Journal of Medical Virology</i> , 2020, 92, 2314-2315.	2.5	54
63	Extensive Partnership, Collaboration, and Teamwork is Required to Stop the COVID-19 Outbreak. <i>Archives of Medical Research</i> , 2020, 51, 728-730.	1.5	52
64	COVID-19: Consider IL-6 receptor antagonist for the therapy of cytokine storm syndrome in SARS-CoV-2 infected patients. <i>Journal of Medical Virology</i> , 2020, 92, 2260-2262.	2.5	62
65	Tocilizumab: A Therapeutic Option for the Treatment of Cytokine Storm Syndrome in COVID-19. <i>Archives of Medical Research</i> , 2020, 51, 595-597.	1.5	81
66	Insight into Evolution and Conservation Patterns of B1-Subfamily Members of GPCR. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 2505-2517.	0.9	3
67	Interaction between miRNAs and signaling cascades of Wnt pathway in chronic lymphocytic leukemia. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 4654-4666.	1.2	7
68	Development of epitope-based peptide vaccine against novel coronavirus 2019 (SARS-CoV-2): Immunoinformatics approach. <i>Journal of Medical Virology</i> , 2020, 92, 618-631.	2.5	315
69	Comparative Analysis and Molecular Evolution of Class I PI3K Regulatory Subunit p85 α Reveal the Structural Similarity Between nSH2 and cSH2 Domains. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 2555-2569.	0.9	0
70	Identification and Design of a Next-Generation Multi Epitopes Bases Peptide Vaccine Candidate Against Prostate Cancer: An In Silico Approach. <i>Cell Biochemistry and Biophysics</i> , 2020, 78, 495-509.	0.9	8
71	The Interplay among miRNAs, Major Cytokines, and Cancer-Related Inflammation. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 20, 606-620.	2.3	68
72	Computer aided novel antigenic epitopes selection from the outer membrane protein sequences of <i>Aeromonas hydrophila</i> and its analyses. <i>Infection, Genetics and Evolution</i> , 2020, 82, 104320.	1.0	14

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73	Application of Internet Assistance Computation for Disease Prediction and Bio-modeling: Modern Trends in Medical Science. <i>Intelligent Systems Reference Library</i> , 2020, , 327-346.	1.0	1
74	Probable Molecular Mechanism of Remdesivir for the Treatment of COVID-19: Need to Know More. <i>Archives of Medical Research</i> , 2020, 51, 585-586.	1.5	110
75	MicroRNAs: Possible Regulatory Molecular Switch Controlling the BBB Microenvironment. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 933-936.	2.3	7
76	SARS-CoV-2 causing pneumonia-associated respiratory disorder (COVID-19): diagnostic and proposed therapeutic options. <i>European Review for Medical and Pharmacological Sciences</i> , 2020, 24, 4016-4026.	0.5	186
77	The 2019 novel coronavirus disease (COVID-19) pandemic: A zoonotic prospective. <i>Asian Pacific Journal of Tropical Medicine</i> , 2020, 13, 242.	0.4	67
78	Diabetes and COVID-19: a major challenge in pandemic period?. <i>European Review for Medical and Pharmacological Sciences</i> , 2020, 24, 11409-11420.	0.5	9
79	Understanding the molecular interaction of human argonaute 2 and miR-20a complex: A molecular dynamics approach. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 19915-19924.	1.2	10
80	Influence of single nucleotide polymorphisms (SNPs) in genetic susceptibility towards periprosthetic osteolysis. <i>Genes and Genomics</i> , 2019, 41, 1113-1125.	0.5	5
81	Advances in nanocarriers enabled brain targeted drug delivery across blood brain barrier. <i>International Journal of Pharmaceutics</i> , 2019, 559, 360-372.	2.6	132
82	Computational and modeling approaches to understand the impact of the Fabry's disease causing mutation (D92Y) on the interaction with pharmacological chaperone 1-deoxygalactonojirimycin (DGJ). <i>Advances in Protein Chemistry and Structural Biology</i> , 2019, 114, 341-407.	1.0	12
83	Ebola virus disease: Recent advances in diagnostics and therapeutics. <i>Asian Pacific Journal of Tropical Medicine</i> , 2019, 12, 385.	0.4	4
84	Anesthetic Molecule Interaction of Noble Gases with Proteins and Lipids and their Effect: A Review. <i>Current Drug Delivery</i> , 2018, 15, 1381-1392.	0.8	4
85	The novel strategies for next-generation cancer treatment: miRNA combined with chemotherapeutic agents for the treatment of cancer. <i>Oncotarget</i> , 2018, 9, 10164-10174.	0.8	86
86	Rising Strengths Hong Kong SAR in Bioinformatics. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2017, 9, 224-236.	2.2	3
87	The crucial role and regulations of miRNAs in zebrafish development. <i>Protoplasma</i> , 2017, 254, 17-31.	1.0	39
88	Influence of V54M mutation in giant muscle protein titin: a computational screening and molecular dynamics approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 917-928.	2.0	44
89	Suppression of osteogenic activity by regulation of WNT and BMP signaling during titanium particle induced osteolysis. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 912-926.	2.1	23
90	Zika: How safe is India?. <i>Infectious Diseases of Poverty</i> , 2017, 6, 37.	1.5	12

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91	Therapeutic miRNA and siRNA: Moving from Bench to Clinic as Next Generation Medicine. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 8, 132-143.	2.3	600
92	Review of Prospects of Biological Fluid Biomarkers in Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 601.	1.8	88
93	The Smart Programmable CRISPR Technology: A Next Generation Genome Editing Tool for Investigators. <i>Current Drug Targets</i> , 2017, 18, 1653-1663.	1.0	8
94	The Molecular Concept of Atheromatous Plaques. <i>Current Drug Targets</i> , 2017, 18, 1250-1258.	1.0	4
95	Regulatory functional territory of PLK-1 and their substrates beyond mitosis. <i>Oncotarget</i> , 2017, 8, 37942-37962.	0.8	12
96	miRNAs in Alzheimer Disease - A Therapeutic Perspective. <i>Current Alzheimer Research</i> , 2017, 14, 1198-1206.	0.7	82
97	Micro-Environmental Signature of The Interactions between Druggable Target Protein, Dipeptidyl Peptidase-IV, and Anti-Diabetic Drugs. <i>Cell Journal</i> , 2017, 19, 65-83.	0.2	1
98	Application of Bioactive Quercetin in Oncotherapy: From Nutrition to Nanomedicine. <i>Molecules</i> , 2016, 21, 108.	1.7	127
99	miRNA-Regulated Key Components of Cytokine Signaling Pathways and Inflammation in Rheumatoid Arthritis. <i>Medicinal Research Reviews</i> , 2016, 36, 425-439.	5.0	53
100	miRNA-regulated cancer stem cells: understanding the property and the role of miRNA in carcinogenesis. <i>Tumor Biology</i> , 2016, 37, 13039-13048.	0.8	61
101	India's Computational Biology Growth and Challenges. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2016, 8, 263-276.	2.2	2
102	Zebrafish: A complete animal model to enumerate the nanoparticle toxicity. <i>Journal of Nanobiotechnology</i> , 2016, 14, 65.	4.2	231
103	Mechanism of artemisinin resistance for malaria PfATP6 L263 mutations and discovering potential antimalarials: An integrated computational approach. <i>Scientific Reports</i> , 2016, 6, 30106.	1.6	29
104	DNA barcoding to fishes: current status and future directions. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 2744-2752.	0.7	43
105	Virtual screening of the inhibitors targeting at the viral protein 40 of Ebola virus. <i>Infectious Diseases of Poverty</i> , 2016, 5, 12.	1.5	44
106	Profiling cell-free and circulating miRNA: a clinical diagnostic tool for different cancers. <i>Tumor Biology</i> , 2016, 37, 5705-5714.	0.8	56
107	PLK-1: Angel or devil for cell cycle progression. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2016, 1865, 190-203.	3.3	34
108	Deciphering the impact of somatic mutations in exon 20 and exon 9 of <i>PIK3CA</i> gene in breast tumors among Indian women through molecular dynamics approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 29-41.	2.0	28

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109	Formulation and Application of Biodegradable Nanoparticles Based Biopharmaceutical Delivery - An Efficient Delivery System. <i>Current Pharmaceutical Design</i> , 2016, 22, 3020-3033.	0.9	12
110	Therapeutic microRNA Delivery Strategies with Special Emphasis on Cancer Therapy and Tumorigenesis: Current Trends and Future Challenges. <i>Current Drug Metabolism</i> , 2016, 17, 469-477.	0.7	24
111	Dynamics of Diabetes and Obesity: An Alarming Situation in the Developing Countries in Asia. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 1258-1268.	1.1	14
112	Analysing the Effect of Mutation on Protein Function and Discovering Potential Inhibitors of CDK4: Molecular Modelling and Dynamics Studies. <i>PLoS ONE</i> , 2015, 10, e0133969.	1.1	50
113	DNA pattern recognition using canonical correlation algorithm. <i>Journal of Biosciences</i> , 2015, 40, 709-719.	0.5	6
114	Nanoparticle based insulin delivery system: the next generation efficient therapy for Type 1 diabetes. <i>Journal of Nanobiotechnology</i> , 2015, 13, 74.	4.2	145
115	Profiling of Phosphatidylinositol 3-Kinase (PI3K) Proteins in Insulin Signaling Pathway. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 3431-3446.	1.4	3
116	Can the chemotherapeutic agents perform anticancer activity through miRNA expression regulation? Proposing a new hypothesis. <i>Protoplasma</i> , 2015, 252, 1603-1610.	1.0	7
117	India's budget reduction and AIDS initiatives. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 636.	4.6	2
118	Exploring the Genomic Roadmap and Molecular Phylogenetics Associated with MODY Cascades Using Computational Biology. <i>Cell Biochemistry and Biophysics</i> , 2015, 71, 1491-1502.	0.9	2
119	Methoxy Poly(ethylene glycol)-Poly(lactide) Nanoparticles Encapsulating Quercetin Act as an Effective Anticancer Agent by Inducing Apoptosis in Breast Cancer. <i>Pharmaceutical Research</i> , 2015, 32, 723-735.	1.7	54
120	Drug Metabolizing Enzymes in Type II Diabetes and their Pharmacogenetics During Therapy of Anti-Diabetes Drugs. <i>Current Drug Metabolism</i> , 2015, 16, 864-876.	0.7	5
121	A Novel Zebrafish Model to Provide Mechanistic Insights into the Inflammatory Events in Carrageenan-Induced Abdominal Edema. <i>PLoS ONE</i> , 2014, 9, e104414.	1.1	33
122	TNF/TNFR: drug target for autoimmune diseases and immune-mediated inflammatory diseases. <i>Frontiers in Bioscience - Landmark</i> , 2014, 19, 1028.	3.0	56
123	Novel biomarker for prostate cancer diagnosis by MRS. <i>Frontiers in Bioscience - Landmark</i> , 2014, 19, 1186.	3.0	9
124	Ebola eradication may need wider partnership. <i>Cmaj</i> , 2014, 186, 1170.1-1170.	0.9	2
125	Effect of Wnt3a on Keratinocytes Utilizing In Vitro and Bioinformatics Analysis. <i>International Journal of Molecular Sciences</i> , 2014, 15, 5472-5495.	1.8	1
126	Integrating In Silico Prediction Methods, Molecular Docking, and Molecular Dynamics Simulation to Predict the Impact of ALK Missense Mutations in Structural Perspective. <i>BioMed Research International</i> , 2014, 2014, 1-14.	0.9	40

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127	Computational Biophysical, Biochemical, and Evolutionary Signature of Human R-Spondin Family Proteins, the Member of Canonical Wnt/ β -Catenin Signaling Pathway. <i>BioMed Research International</i> , 2014, 2014, 1-22.	0.9	6
128	Next Generation Delivery System for Proteins and Genes of Therapeutic Purpose: Why and How?. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	31
129	Evolution- and Structure-Based Computational Strategy Reveals the Impact of Deleterious Missense Mutations on MODY 2 (Maturity-Onset Diabetes of the Young, Type 2). <i>Theranostics</i> , 2014, 4, 366-385.	4.6	48
130	Recent Trends of Polymer Mediated Liposomal Gene Delivery System. <i>BioMed Research International</i> , 2014, 2014, 1-15.	0.9	17
131	India's coastal zone management with an emphasis on rapidly developing Gujarat State. <i>Journal of Coastal Conservation</i> , 2014, 18, 683-690.	0.7	3
132	Computational Approaches and Resources in Single Amino Acid Substitutions Analysis Toward Clinical Research. <i>Advances in Protein Chemistry and Structural Biology</i> , 2014, 94, 365-423.	1.0	22
133	DNA barcoding to map the microbial communities: current advances and future directions. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 3425-3436.	1.7	40
134	Understanding the conservation patterns and molecular phylogenetics of human death receptors family through computational biology. <i>3 Biotech</i> , 2014, 4, 177-187.	1.1	0
135	Application of Evolutionary Based in Silico Methods to Predict the Impact of Single Amino Acid Substitutions in Vitelliform Macular Dystrophy. <i>Advances in Protein Chemistry and Structural Biology</i> , 2014, 94, 177-267.	1.0	10
136	Understanding the Molecular Dynamics of Type-2 Diabetes Drug Target DPP-4 and its Interaction with Sitagliptin and Inhibitor Diprotin-A. <i>Cell Biochemistry and Biophysics</i> , 2014, 70, 907-922.	0.9	16
137	Influence of miRNA in insulin signaling pathway and insulin resistance: microRNAs with a major role in type 2 diabetes. <i>Wiley Interdisciplinary Reviews RNA</i> , 2014, 5, 697-712.	3.2	202
138	Structural signature of the G719S-T790M double mutation in the EGFR kinase domain and its response to inhibitors. <i>Scientific Reports</i> , 2014, 4, 5868.	1.6	37
139	Evaluating Protein-protein Interaction (PPI) Networks for Diseases Pathway, Target Discovery, and Drug-design Using <i>In silico Pharmacology</i> . <i>Current Protein and Peptide Science</i> , 2014, 15, 561-571.	0.7	19
140	Network analysis of transcription factors for nuclear reprogramming into induced pluripotent stem cell using bioinformatics. <i>Cell Journal</i> , 2014, 15, 332-9.	0.2	3
141	Comparative bioinformatic analysis of the conserved domains, amino acid residues, and binding grooves of tumor necrosis factor. <i>Medicinski Glasnik</i> , 2014, 11, 1-6.	0.3	4
142	Does Computational Biology Help us to Understand the Molecular Phylogenetics and Evolution of Cluster of Differentiation (CD) Proteins?. <i>Protein Journal</i> , 2013, 32, 143-154.	0.7	2
143	Predicting the Impact of Deleterious Mutations in the Protein Kinase Domain of FGFR2 in the Context of Function, Structure, and Pathogenesis—a Bioinformatics Approach. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 1853-1870.	1.4	9
144	Mapping the Structural Topology of IRS Family Cascades Through Computational Biology. <i>Cell Biochemistry and Biophysics</i> , 2013, 67, 1319-1331.	0.9	3

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145	Extrapolating the effect of deleterious nsSNPs in the binding adaptability of flavopiridol with CDK7 protein: a molecular dynamics approach. <i>Human Genomics</i> , 2013, 7, 10.	1.4	47
146	In silico discrimination of nsSNPs in hTERT gene by means of local DNA sequence context and regularity. <i>Journal of Molecular Modeling</i> , 2013, 19, 3517-3527.	0.8	7
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