

# Leroy Hood

## List of Publications by Citations

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402  
papers

65,051  
citations

109  
h-index

251  
g-index

435  
ext. papers

72,329  
ext. citations

15  
avg, IF

7.11  
L-index

#	Paper	IF	Citations
402	Initial sequencing and analysis of the human genome. <i>Nature</i> , <b>2001</b> , 409, 860-921	50.4	17366
401	A distinct lineage of CD4 T cells regulates tissue inflammation by producing interleukin 17. <i>Nature Immunology</i> , <b>2005</b> , 6, 1133-41	19.1	3440
400	Integration of biological networks and gene expression data using Cytoscape. <i>Nature Protocols</i> , <b>2007</b> , 2, 2366-82	18.8	1798
399	Integrated genomic and proteomic analyses of a systematically perturbed metabolic network. <i>Science</i> , <b>2001</b> , 292, 929-34	33.3	1691
398	Direct multiplexed measurement of gene expression with color-coded probe pairs. <i>Nature Biotechnology</i> , <b>2008</b> , 26, 317-25	44.5	1526
397	Whole-genome shotgun assembly and analysis of the genome of <i>Fugu rubripes</i> . <i>Science</i> , <b>2002</b> , 297, 1301-1310	33.3	1272
396	A new approach to decoding life: systems biology. <i>Annual Review of Genomics and Human Genetics</i> , <b>2001</b> , 2, 343-72	9.7	1187
395	A genomic regulatory network for development. <i>Science</i> , <b>2002</b> , 295, 1669-78	33.3	1180
394	Alagille syndrome is caused by mutations in human Jagged1, which encodes a ligand for Notch1. <i>Nature Genetics</i> , <b>1997</b> , 16, 243-51	36.3	1012
393	Analysis of genetic inheritance in a family quartet by whole-genome sequencing. <i>Science</i> , <b>2010</b> , 328, 636-9	33.3	822
392	Systems biology and new technologies enable predictive and preventative medicine. <i>Science</i> , <b>2004</b> , 306, 640-3	33.3	821
391	Death receptor 5, a new member of the TNFR family, and DR4 induce FADD-dependent apoptosis and activate the NF-kappaB pathway. <i>Immunity</i> , <b>1997</b> , 7, 821-30	32.3	610
390	Transgenic mice that express a myelin basic protein-specific T cell receptor develop spontaneous autoimmunity. <i>Cell</i> , <b>1993</b> , 72, 551-60	56.2	588
389	Systems biology, proteomics, and the future of health care: toward predictive, preventative, and personalized medicine. <i>Journal of Proteome Research</i> , <b>2004</b> , 3, 179-96	5.6	587
388	Restricted use of T cell receptor V genes in murine autoimmune encephalomyelitis raises possibilities for antibody therapy. <i>Cell</i> , <b>1988</b> , 54, 577-92	56.2	551
387	Complementary profiling of gene expression at the transcriptome and proteome levels in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Proteomics</i> , <b>2002</b> , 1, 323-33	7.6	525
386	A single VH gene segment encodes the immune response to phosphorylcholine: somatic mutation is correlated with the class of the antibody. <i>Cell</i> , <b>1981</b> , 25, 59-66	56.2	470

385	Predictive, personalized, preventive, participatory (P4) cancer medicine. <i>Nature Reviews Clinical Oncology</i> , <b>2011</b> , 8, 184-7	19.4	464
384	IgG antibodies to phosphorylcholine exhibit more diversity than their IgM counterparts. <i>Nature</i> , <b>1981</b> , 291, 29-34	50.4	458
383	Integrated barcode chips for rapid, multiplexed analysis of proteins in microliter quantities of blood. <i>Nature Biotechnology</i> , <b>2008</b> , 26, 1373-8	44.5	451
382	A molecular map of the immune response region from the major histocompatibility complex of the mouse. <i>Nature</i> , <b>1982</b> , 300, 35-42	50.4	429
381	Introduced T cell receptor variable region gene segments recombine in pre-B cells: evidence that B and T cells use a common recombinase. <i>Cell</i> , <b>1986</b> , 44, 251-9	56.2	417
380	Clusters of genes encoding mouse transplantation antigens. <i>Cell</i> , <b>1982</b> , 28, 489-98	56.2	413
379	Mouse T cell antigen receptor: structure and organization of constant and joining gene segments encoding the beta polypeptide. <i>Cell</i> , <b>1984</b> , 37, 1101-10	56.2	398
378	The Inferelator: an algorithm for learning parsimonious regulatory networks from systems-biology data sets de novo. <i>Genome Biology</i> , <b>2006</b> , 7, R36	18.3	361
377	Conserved organization of the human and murine T-cell receptor beta-gene families. <i>Nature</i> , <b>1988</b> , 331, 543-6	50.4	361
376	PTEN-deficient intestinal stem cells initiate intestinal polyposis. <i>Nature Genetics</i> , <b>2007</b> , 39, 189-98	36.3	357
375	Hematopoietic stem cells contribute to the regeneration of renal tubules after renal ischemia-reperfusion injury in mice. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2003</b> , 14, 1188-99	33.7	356
374	The program of androgen-responsive genes in neoplastic prostate epithelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 11890-5	11.5	356
373	A personal view on systems medicine and the emergence of proactive P4 medicine: predictive, preventive, personalized and participatory. <i>New Biotechnology</i> , <b>2012</b> , 29, 613-24	6.4	351
372	A pseudogene homologous to mouse transplantation antigens: transplantation antigens are encoded by eight exons that correlate with protein domains. <i>Cell</i> , <b>1981</b> , 25, 683-92	56.2	323
371	Gene families: the taxonomy of protein paralogs and chimeras. <i>Science</i> , <b>1997</b> , 278, 609-14	33.3	316
370	Antibody diversity: somatic hypermutation of rearranged VH genes. <i>Cell</i> , <b>1981</b> , 27, 573-81	56.2	316
369	Comparative hybridization of an array of 21,500 ovarian cDNAs for the discovery of genes overexpressed in ovarian carcinomas. <i>Gene</i> , <b>1999</b> , 238, 375-85	3.8	303
368	An immunoglobulin heavy-chain gene is formed by at least two recombinational events. <i>Nature</i> , <b>1980</b> , 283, 733-9	50.4	285

367	A new strategy for genome sequencing. <i>Nature</i> , <b>1996</b> , 381, 364-6	50.4	282
366	The structure, rearrangement and expression of D beta gene segments of the murine T-cell antigen receptor. <i>Nature</i> , <b>1984</b> , 311, 344-50	50.4	282
365	The murine T-cell receptor uses a limited repertoire of expressed V beta gene segments. <i>Nature</i> , <b>1985</b> , 316, 517-23	50.4	280
364	Systems medicine: the future of medical genomics and healthcare. <i>Genome Medicine</i> , <b>2009</b> , 1, 2	14.4	279
363	Quantitative phosphoproteome analysis using a dendrimer conjugation chemistry and tandem mass spectrometry. <i>Nature Methods</i> , <b>2005</b> , 2, 591-8	21.6	279
362	A provisional regulatory gene network for specification of endomesoderm in the sea urchin embryo. <i>Developmental Biology</i> , <b>2002</b> , 246, 162-90	3.1	279
361	The human T cell antigen receptor is encoded by variable, diversity, and joining gene segments that rearrange to generate a complete V gene. <i>Cell</i> , <b>1984</b> , 37, 393-401	56.2	279
360	P4 medicine: how systems medicine will transform the healthcare sector and society. <i>Personalized Medicine</i> , <b>2013</b> , 10, 565-576	2.2	274
359	Evidence for a rare prostate cancer-susceptibility locus at chromosome 1p36. <i>American Journal of Human Genetics</i> , <b>1999</b> , 64, 776-87	11	272
358	Single-cell proteomic chip for profiling intracellular signaling pathways in single tumor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 419-24	11.5	262
357	A data integration methodology for systems biology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 17296-301	11.5	262
356	Understanding the adaptation of Halobacterium species NRC-1 to its extreme environment through computational analysis of its genome sequence. <i>Genome Research</i> , <b>2001</b> , 11, 1641-50	9.7	257
355	Monitoring gene expression profile changes in ovarian carcinomas using cDNA microarray. <i>Gene</i> , <b>1999</b> , 229, 101-8	3.8	256
354	The human homolog of rat Jagged1 expressed by marrow stroma inhibits differentiation of 32D cells through interaction with Notch1. <i>Immunity</i> , <b>1998</b> , 8, 43-55	32.3	251
353	Modulation of the NF-kappa B pathway by virally encoded death effector domains-containing proteins. <i>Oncogene</i> , <b>1999</b> , 18, 5738-46	9.2	248
352	Genome sequence of Haloarcula marismortui: a halophilic archaeon from the Dead Sea. <i>Genome Research</i> , <b>2004</b> , 14, 2221-34	9.7	246
351	A predictive model for transcriptional control of physiology in a free living cell. <i>Cell</i> , <b>2007</b> , 131, 1354-65	56.2	244
350	Human SRMatlas: A Resource of Targeted Assays to Quantify the Complete Human Proteome. <i>Cell</i> , <b>2016</b> , 166, 766-778	56.2	236

349	A wellness study of 108 individuals using personal, dense, dynamic data clouds. <i>Nature Biotechnology</i> , <b>2017</b> , 35, 747-756	44.5	235
348	Diversity of the immunoglobulin gene superfamily. <i>Advances in Immunology</i> , <b>1989</b> , 44, 1-63	5.6	229
347	Dysregulated gene expression networks in human acute myelogenous leukemia stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 3396-401	11.5	219
346	A molecular correlate to the Gleason grading system for prostate adenocarcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 10991-6	11.5	219
345	Asparagine-linked glycosylation of the scrapie and cellular prion proteins. <i>Archives of Biochemistry and Biophysics</i> , <b>1989</b> , 274, 1-13	4.1	213
344	Proteomic analysis of human prostasomes. <i>Prostate</i> , <b>2003</b> , 56, 150-61	4.2	210
343	Genomic organization of the genes encoding mouse T-cell receptor alpha-chain. <i>Nature</i> , <b>1985</b> , 316, 832-6	50.4	206
342	Predominant use of a V alpha gene segment in mouse T-cell receptors for cytochrome c. <i>Nature</i> , <b>1986</b> , 324, 679-82	50.4	205
341	Systems biology: integrating technology, biology, and computation. <i>Mechanisms of Ageing and Development</i> , <b>2003</b> , 124, 9-16	5.6	203
340	The T cell receptor beta chain genes are located on chromosome 6 in mice and chromosome 7 in humans. <i>Cell</i> , <b>1984</b> , 37, 1091-9	56.2	203
339	Activation of the NF-kappaB pathway by caspase 8 and its homologs. <i>Oncogene</i> , <b>2000</b> , 19, 4451-60	9.2	194
338	The impact of systems approaches on biological problems in drug discovery. <i>Nature Biotechnology</i> , <b>2004</b> , 22, 1215-7	44.5	187
337	The digital code of DNA. <i>Nature</i> , <b>2003</b> , 421, 444-8	50.4	187
336	Multi-Omics Resolves a Sharp Disease-State Shift between Mild and Moderate COVID-19. <i>Cell</i> , <b>2020</b> , 183, 1479-1495.e20	56.2	186
335	Mouse epidermal Ia molecules have a bone marrow origin. <i>Nature</i> , <b>1979</b> , 282, 321-3	50.4	183
334	Regulatory gene networks and the properties of the developmental process. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 1475-80	11.5	180
333	Label-free quantitative detection of tumor-derived exosomes through surface plasmon resonance imaging. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 8857-64	7.8	176
332	Genetic effects on age-dependent onset and islet cell autoantibody markers in type 1 diabetes. <i>Diabetes</i> , <b>2002</b> , 51, 1346-55	0.9	176

331	A T cell clone expresses two T cell receptor alpha genes but uses one alpha beta heterodimer for allorecognition and self MHC-restricted antigen recognition. <i>Cell</i> , <b>1988</b> , 55, 49-59	56.2	175
330	Rearrangement and transcription of the beta-chain genes of the T-cell antigen receptor in different types of murine lymphocytes. <i>Nature</i> , <b>1985</b> , 313, 647-53	50.4	171
329	Systems biology and p4 medicine: past, present, and future. <i>Rambam Maimonides Medical Journal</i> , <b>2013</b> , 4, e0012	1.8	160
328	The human T-cell receptor TCRAC/TCRDC (C alpha/C delta) region: organization, sequence, and evolution of 97.6 kb of DNA. <i>Genomics</i> , <b>1994</b> , 19, 478-93	4.3	155
327	Differential gene expression profiling of adult murine hematopoietic stem cells. <i>Blood</i> , <b>2002</b> , 99, 488-98	2.2	153
326	Revolutionizing medicine in the 21st century through systems approaches. <i>Biotechnology Journal</i> , <b>2012</b> , 7, 992-1001	5.6	152
325	Identification of the class I genes of the mouse major histocompatibility complex by DNA-mediated gene transfer. <i>Nature</i> , <b>1982</b> , 300, 231-7	50.4	147
324	Comparative genomics of the human and mouse T cell receptor loci. <i>Immunity</i> , <b>2001</b> , 15, 337-49	32.3	146
323	Analysis of the human neurexin genes: alternative splicing and the generation of protein diversity. <i>Genomics</i> , <b>2002</b> , 79, 587-97	4.3	145
322	Striking sequence similarity over almost 100 kilobases of human and mouse T-cell receptor DNA. <i>Nature Genetics</i> , <b>1994</b> , 7, 48-53	36.3	145
321	Activated Notch4 inhibits angiogenesis: role of beta 1-integrin activation. <i>Molecular and Cellular Biology</i> , <b>2002</b> , 22, 2830-41	4.8	143
320	Direct evidence for chromosomal inversion during T-cell receptor beta-gene rearrangements. <i>Nature</i> , <b>1986</b> , 319, 28-33	50.4	141
319	A blood-based proteomic classifier for the molecular characterization of pulmonary nodules. <i>Science Translational Medicine</i> , <b>2013</b> , 5, 207ra142	17.5	139
318	Mutations in STX1B, encoding a presynaptic protein, cause fever-associated epilepsy syndromes. <i>Nature Genetics</i> , <b>2014</b> , 46, 1327-32	36.3	138
317	Shotgun glycopeptide capture approach coupled with mass spectrometry for comprehensive glycoproteomics. <i>Molecular and Cellular Proteomics</i> , <b>2007</b> , 6, 141-9	7.6	138
316	Boosting signal-to-noise in complex biology: prior knowledge is power. <i>Cell</i> , <b>2011</b> , 144, 860-3	56.2	137
315	Systems medicine and integrated care to combat chronic noncommunicable diseases. <i>Genome Medicine</i> , <b>2011</b> , 3, 43	14.4	137
314	Highly accurate two-gene classifier for differentiating gastrointestinal stromal tumors and leiomyosarcomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 3414-9	11.5	133

313	A combined genomewide linkage scan of 1,233 families for prostate cancer-susceptibility genes conducted by the international consortium for prostate cancer genetics. <i>American Journal of Human Genetics</i> , <b>2005</b> , 77, 219-29	11	129
312	The generation of diversity in phosphorylcholine-binding antibodies. <i>Advances in Immunology</i> , <b>1984</b> , 35, 1-37	5.6	127
311	One heavy chain variable region gene segment subfamily in the BALB/c mouse contains 500-1000 or more members. <i>Cell</i> , <b>1986</b> , 47, 461-70	56.2	127
310	Lipopolysaccharide mediates endothelial apoptosis by a FADD-dependent pathway. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 20185-8	5.4	125
309	Organization, structure, and function of 95 kb of DNA spanning the murine T-cell receptor C alpha/C delta region. <i>Genomics</i> , <b>1992</b> , 13, 1209-30	4.3	124
308	Optimized conditions for pulsed field gel electrophoretic separations of DNA. <i>Nucleic Acids Research</i> , <b>1988</b> , 16, 7563-82	20.1	121
307	Genome-wide analysis of epigenetic silencing identifies BEX1 and BEX2 as candidate tumor suppressor genes in malignant glioma. <i>Cancer Research</i> , <b>2006</b> , 66, 6665-74	10.1	120
306	Rearranged beta T cell receptor genes in a helper T cell clone specific for lysozyme: no correlation between V beta and MHC restriction. <i>Cell</i> , <b>1985</b> , 40, 859-67	56.2	120
305	Proteomic analysis identifies that 14-3-3zeta interacts with beta-catenin and facilitates its activation by Akt. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 15370-5	11.5	119
304	The joining of V and J gene segments creates antibody diversity. <i>Nature</i> , <b>1980</b> , 283, 497-9	50.4	119
303	Systems level insights into the stress response to UV radiation in the halophilic archaeon Halobacterium NRC-1. <i>Genome Research</i> , <b>2004</b> , 14, 1025-35	9.7	115
302	Elevated expression of DKK1 is associated with cytoplasmic/nuclear beta-catenin accumulation and poor prognosis in hepatocellular carcinomas. <i>Journal of Hepatology</i> , <b>2009</b> , 50, 948-57	13.4	114
301	Cancer as robust intrinsic state of endogenous molecular-cellular network shaped by evolution. <i>Medical Hypotheses</i> , <b>2008</b> , 70, 678-84	3.8	114
300	Coordinate regulation of energy transduction modules in Halobacterium sp. analyzed by a global systems approach. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 14913-8	11.5	114
299	GrpL, a Grb2-related adaptor protein, interacts with SLP-76 to regulate nuclear factor of activated T cell activation. <i>Journal of Experimental Medicine</i> , <b>1999</b> , 189, 1243-53	16.6	114
298	Identification of a diversity segment of human T-cell receptor beta-chain, and comparison with the analogous murine element. <i>Nature</i> , <b>1984</b> , 311, 387-9	50.4	114
297	The P4 Health Spectrum - A Predictive, Preventive, Personalized and Participatory Continuum for Promoting Healthspan. <i>Progress in Cardiovascular Diseases</i> , <b>2017</b> , 59, 506-521	8.5	113
296	A single gene encodes soluble and membrane-bound forms of the major histocompatibility Qa-2 antigen: anchoring of the product by a phospholipid tail. <i>Cell</i> , <b>1987</b> , 50, 759-68	56.2	113

295	Rare variants in neuronal excitability genes influence risk for bipolar disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 3576-81	11.5	112
294	Proteins associated with Cisplatin resistance in ovarian cancer cells identified by quantitative proteomic technology and integrated with mRNA expression levels. <i>Molecular and Cellular Proteomics</i> , <b>2006</b> , 5, 433-43	7.6	109
293	Predictive, preventive, personalized and participatory medicine: back to the future. <i>Genome Medicine</i> , <b>2010</b> , 2, 57	14.4	108
292	A speculative view of the multicomponent nature of T cell antigen recognition. <i>Cell</i> , <b>1986</b> , 45, 475-84	56.2	108
291	Linkage analysis of 49 high-risk families does not support a common familial prostate cancer-susceptibility gene at 1q24-25. <i>American Journal of Human Genetics</i> , <b>1997</b> , 61, 347-53	11	107
290	Expression and function of transplantation antigens with altered or deleted cytoplasmic domains. <i>Cell</i> , <b>1983</b> , 34, 535-44	56.2	107
289	Parallel microfluidic surface plasmon resonance imaging arrays. <i>Lab on A Chip</i> , <b>2010</b> , 10, 581-8	7.2	106
288	The dysmyelinating mouse mutations shiverer (shi) and myelin deficient (shimld). <i>Behavior Genetics</i> , <b>1990</b> , 20, 213-34	3.2	104
287	Participatory medicine: a driving force for revolutionizing healthcare. <i>Genome Medicine</i> , <b>2013</b> , 5, 110	14.4	103
286	The Human Genome Project: big science transforms biology and medicine. <i>Genome Medicine</i> , <b>2013</b> , 5, 79	14.4	103
285	Sequencing the human genome. <i>Science</i> , <b>1997</b> , 278, 605-7	33.3	103
284	Snapshot of a large dynamic replicon in a halophilic archaeon: megaplasmid or minichromosome?. <i>Genome Research</i> , <b>1998</b> , 8, 1131-41	9.7	101
283	Evidence for the presence of disease-perturbed networks in prostate cancer cells by genomic and proteomic analyses: a systems approach to disease. <i>Cancer Research</i> , <b>2005</b> , 65, 3081-91	10.1	96
282	Blood metabolome predicts gut microbiome diversity in humans. <i>Nature Biotechnology</i> , <b>2019</b> , 37, 1217-1228	14.5	95
281	Electrochemically programmed, spatially selective biofunctionalization of silicon wires. <i>Langmuir</i> , <b>2004</b> , 20, 10630-8	4	95
280	Morphometric analysis of normal, mutant, and transgenic CNS: correlation of myelin basic protein expression to myelinogenesis. <i>Journal of Neurochemistry</i> , <b>1992</b> , 58, 342-9	6	94
279	A novel Fanconi anaemia subtype associated with a dominant-negative mutation in RAD51. <i>Nature Communications</i> , <b>2015</b> , 6, 8829	17.4	93
278	Detailed transcriptome atlas of the pancreatic beta cell. <i>BMC Medical Genomics</i> , <b>2009</b> , 2, 3	3.7	90

277	Pairwise end sequencing: a unified approach to genomic mapping and sequencing. <i>Genomics</i> , <b>1995</b> , 26, 345-53	4.3	90
276	Is gene expression in Halobacterium NRC-1 regulated by multiple TBP and TFB transcription factors?. <i>Molecular Microbiology</i> , <b>2000</b> , 36, 1184-5	4.1	88
275	Rabbit antibody light chains and gene evolution. <i>Nature</i> , <b>1970</b> , 228, 1040-4	50.4	88
274	The DNA sequence and analysis of human chromosome 14. <i>Nature</i> , <b>2003</b> , 421, 601-7	50.4	85
273	From functional genomics to systems biology: concepts and practices. <i>Comptes Rendus - Biologies</i> , <b>2003</b> , 326, 879-92	1.4	85
272	The myelin proteins of the shark brain are similar to the myelin proteins of the mammalian peripheral nervous system. <i>Journal of Molecular Evolution</i> , <b>1989</b> , 29, 149-56	3.1	81
271	Autoimmune T cells: immune recognition of normal and variant peptide epitopes and peptide-based therapy. <i>Cell</i> , <b>1989</b> , 59, 257-71	56.2	78
270	MULTI-OMIC BIOLOGICAL AGE ESTIMATION, CORRELATION WITH WELLNESS, DISEASE PHENOTYPES: LONGITUDINAL SAMPLE OF 3558. <i>Innovation in Aging</i> , <b>2019</b> , 3, S209-S209	0.1	78
269	A genomic scan of families with prostate cancer identifies multiple regions of interest. <i>American Journal of Human Genetics</i> , <b>2000</b> , 67, 100-9	11	77
268	Gut microbiome pattern reflects healthy ageing and predicts survival in humans. <i>Nature Metabolism</i> , <b>2021</b> , 3, 274-286	14.6	77
267	Analysis of the gene-dense major histocompatibility complex class III region and its comparison to mouse. <i>Genome Research</i> , <b>2003</b> , 13, 2621-36	9.7	76
266	A unified test of linkage analysis and rare-variant association for analysis of pedigree sequence data. <i>Nature Biotechnology</i> , <b>2014</b> , 32, 663-9	44.5	75
265	brp and blh are required for synthesis of the retinal cofactor of bacteriorhodopsin in Halobacterium salinarum. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 5739-44	5.4	75
264	Predictive Big Data Analytics: A Study of Parkinson's Disease Using Large, Complex, Heterogeneous, Incongruent, Multi-Source and Incomplete Observations. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157077	7.7	75
263	A Review of Computational Tools in microRNA Discovery. <i>Frontiers in Genetics</i> , <b>2013</b> , 4, 81	4.5	74
262	Novel submicroscopic extrachromosomal elements containing amplified genes in human cells. <i>Nature</i> , <b>1987</b> , 327, 434-7	50.4	74
261	Proteomics analysis of the interactome of N-myc downstream regulated gene 1 and its interactions with the androgen response program in prostate cancer cells. <i>Molecular and Cellular Proteomics</i> , <b>2007</b> , 6, 575-88	7.6	72
260	Toxoplasma Modulates Signature Pathways of Human Epilepsy, Neurodegeneration & Cancer. <i>Scientific Reports</i> , <b>2017</b> , 7, 11496	4.9	68

259	Massively parallel signature sequencing and bioinformatics analysis identifies up-regulation of TGFBI and SOX4 in human glioblastoma. <i>PLoS ONE</i> , <b>2010</b> , 5, e10210	3.7	68
258	Integrated expression profiling and CHIP-seq analyses of the growth inhibition response program of the androgen receptor. <i>PLoS ONE</i> , <b>2009</b> , 4, e6589	3.7	68
257	Genetic evaluation of suspected cases of transient HIV-1 infection of infants. <i>Science</i> , <b>1998</b> , 280, 1073-7	33.3	66
256	Quantitative proteomics analysis integrated with microarray data reveals that extracellular matrix proteins, catenins, and p53 binding protein 1 are important for chemotherapy response in ovarian cancers. <i>OMICS A Journal of Integrative Biology</i> , <b>2009</b> , 13, 345-54	3.8	65
255	The molecular evolution of the vertebrate trypsinogens. <i>Journal of Molecular Evolution</i> , <b>1997</b> , 45, 640-52	3.1	65
254	Immunoglobulin lambda chain structure: two genes, one polypeptide chain. <i>Nature</i> , <b>1968</b> , 220, 764-7	50.4	65
253	Identifying tightly regulated and variably expressed networks by Differential Rank Conservation (DIRAC). <i>PLoS Computational Biology</i> , <b>2010</b> , 6, e1000792	5	64
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251	Multiple early factors anticipate post-acute COVID-19 sequelae. <i>Cell</i> , <b>2022</b> , 185, 881-895	e20	64
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