

# Lee Rowen

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

29,616  
citations

201385

27  
h-index

414034

32  
g-index

34  
all docs

34  
docs citations

34  
times ranked

33328  
citing authors

#	ARTICLE	IF	CITATIONS
1	Initial sequencing and analysis of the human genome. <i>Nature</i> , 2001, 409, 860-921.	13.7	21,074
2	Whole-Genome Shotgun Assembly and Analysis of the Genome of <i>Fugu rubripes</i> . <i>Science</i> , 2002, 297, 1301-1310.	6.0	1,432
3	A Genomic Regulatory Network for Development. <i>Science</i> , 2002, 295, 1669-1678.	6.0	1,399
4	The evolution of vertebrate Toll-like receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9577-9582.	3.3	1,026
5	Analysis of Genetic Inheritance in a Family Quartet by Whole-Genome Sequencing. <i>Science</i> , 2010, 328, 636-639.	6.0	979
6	Multiple early factors anticipate post-acute COVID-19 sequelae. <i>Cell</i> , 2022, 185, 881-895.e20.	13.5	605
7	Multi-Omics Resolves a Sharp Disease-State Shift between Mild and Moderate COVID-19. <i>Cell</i> , 2020, 183, 1479-1495.e20.	13.5	449
8	Autoantibodies neutralizing type I IFNs are present in ~4% of uninfected individuals over 70 years old and account for ~20% of COVID-19 deaths. <i>Science Immunology</i> , 2021, 6, .	5.6	357
9	A Provisional Regulatory Gene Network for Specification of Endomesoderm in the Sea Urchin Embryo. <i>Developmental Biology</i> , 2002, 246, 162-190.	0.9	319
10	Genetic Divergence of the Rhesus Macaque Major Histocompatibility Complex. <i>Genome Research</i> , 2004, 14, 1501-1515.	2.4	195
11	The human genome project: big science transforms biology and medicine. <i>Genome Medicine</i> , 2013, 5, 79.	3.6	184
12	The Human T-Cell Receptor TCRAC/TCRDC (CÎ±/Cdelta;) Region: Organization, Sequence, and Evolution of 97.6 kb of DNA. <i>Genomics</i> , 1994, 19, 478-493.	1.3	171
13	Analysis of the Human Neurexin Genes: Alternative Splicing and the Generation of Protein Diversity. <i>Genomics</i> , 2002, 79, 587-597.	1.3	164
14	Comparative Genomics of the Human and Mouse T Cell Receptor Loci. <i>Immunity</i> , 2001, 15, 337-349.	6.6	163
15	Unusual gene order and organization of the sea urchin hox cluster. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2006, 306B, 45-58.	0.6	145
16	The risk of COVID-19 death is much greater and age dependent with type I IFN autoantibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2200413119.	3.3	110
17	The DNA sequence and analysis of human chromosome 14. <i>Nature</i> , 2003, 421, 601-607.	13.7	108
18	Analysis of the Gene-Dense Major Histocompatibility Complex Class III Region and Its Comparison to Mouse. <i>Genome Research</i> , 2003, 13, 2621-2636.	2.4	94

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19	Patchy Interspecific Sequence Similarities Efficiently Identify Positive cis-Regulatory Elements in the Sea Urchin. <i>Developmental Biology</i> , 2002, 246, 148-161.	0.9	92
20	Molecular Dissection of Prethymic Progenitor Entry into the T Lymphocyte Developmental Pathway. <i>Journal of Immunology</i> , 2007, 179, 421-438.	0.4	89
21	Transcription factor expression dynamics of early T-lymphocyte specification and commitment. <i>Developmental Biology</i> , 2009, 325, 444-467.	0.9	63
22	Gene organisation, sequence variation and isochore structure at the centromeric boundary of the human MHC. <i>Journal of Molecular Biology</i> , 1999, 291, 789-799.	2.0	55
23	Differential Transcriptional Regulation of Individual TCR V $\beta$ 2 Segments Before Gene Rearrangement. <i>Journal of Immunology</i> , 2001, 166, 1771-1780.	0.4	53
24	Genetic Modulation of T Cell Receptor Gene Segment Usage during Somatic Recombination. <i>Journal of Experimental Medicine</i> , 2000, 192, 1191-1196.	4.2	49
25	Cloning, Characterization, and the Complete 56.8-Kilobase DNA Sequence of the Human NOTCH4 Gene. <i>Genomics</i> , 1998, 51, 45-58.	1.3	48
26	Human and Mouse T-Cell Receptor Loci: Genomics, Evolution, Diversity, and Serendipity. <i>Annals of the New York Academy of Sciences</i> , 1995, 758, 390-412.	1.8	35
27	Interchromosomal Segmental Duplications Explain the Unusual Structure of PRSS3, the Gene for an Inhibitor-Resistant Trypsinogen. <i>Molecular Biology and Evolution</i> , 2005, 22, 1712-1720.	3.5	31
28	The human GRINL1A gene defines a complex transcription unit, an unusual form of gene organization in eukaryotes. <i>Genomics</i> , 2004, 84, 265-276.	1.3	30
29	Quod erat faciendum: sequence analysis of the H2-D and H2-Q regions of 129/Svj mice. <i>Immunogenetics</i> , 2002, 54, 479-489.	1.2	29
30	Identification of Organ-Enriched Protein Biomarkers of Acute Liver Injury by Targeted Quantitative Proteomics of Blood in Acetaminophen- and Carbon-Tetrachloride-Treated Mouse Models and Acetaminophen Overdose Patients. <i>Journal of Proteome Research</i> , 2016, 15, 3724-3740.	1.8	28
31	A physical map of human chromosome 14. <i>Nature</i> , 2001, 409, 947-948.	13.7	25
32	An enigmatic fourth runt domain gene in the fugu genome: ancestral gene loss versus accelerated evolution. <i>BMC Evolutionary Biology</i> , 2004, 4, 43.	3.2	15
33	Sequencing the Human Genome: A Historical Perspective on Challenges for Systems Integration. , 2006, , 365-399.		0