

Eran Eyal

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.

31
papers

2,767
citations

20
h-index

32
g-index

32
ext. papers

3,460
ext. citations

9.9
avg, IF

4.53
L-index

#	Paper	IF	Citations
31	Whole exome sequencing (WES) approach for diagnosing primary immunodeficiencies (PIDs) in a highly consanguineous community. <i>Clinical Immunology</i> , 2020 , 214, 108376	9	14
30	ESR1 mutations are frequent in newly diagnosed metastatic and loco-regional recurrence of endocrine-treated breast cancer and carry worse prognosis. <i>Breast Cancer Research</i> , 2020 , 22, 16	8.3	25
29	c.259A>C in the fibrinogen gene of alpha chain () is a fibrinogen with thrombotic phenotype. <i>The Application of Clinical Genetics</i> , 2019 , 12, 27-33	3.1	1
28	Reduced Function and Diversity of T Cell Repertoire and Distinct Clinical Course in Patients With Mutation. <i>Frontiers in Immunology</i> , 2019 , 10, 1672	8.4	5
27	MEDU-30. IDENTIFYING DISTINCTIVE lincRNAs IN THE DIFFERENT MEDULLOBLASTOMA SUBGROUPS. <i>Neuro-Oncology</i> , 2019 , 21, ii109-ii109	1	78
26	Somatic NRAS mutation in patient with generalized lymphatic anomaly. <i>Angiogenesis</i> , 2018 , 21, 287-298	10.6	34
25	Whole-genome sequencing reveals principles of brain retrotransposition in neurodevelopmental disorders. <i>Cell Research</i> , 2018 , 28, 187-203	24.7	29
24	Mutations in PPCS, Encoding Phosphopantothenoylcysteine Synthetase, Cause Autosomal-Recessive Dilated Cardiomyopathy. <i>American Journal of Human Genetics</i> , 2018 , 102, 1018-1030	11	29
23	Deleterious variants in TRAK1 disrupt mitochondrial movement and cause fatal encephalopathy. <i>Brain</i> , 2017 , 140, 568-581	11.2	40
22	RNA editing by ADAR1 leads to context-dependent transcriptome-wide changes in RNA secondary structure. <i>Nature Communications</i> , 2017 , 8, 1440	17.4	36
21	Mutations in STN1 cause Coats plus syndrome and are associated with genomic and telomere defects. <i>Journal of Experimental Medicine</i> , 2016 , 213, 1429-40	16.6	65
20	MECR Mutations Cause Childhood-Onset Dystonia and Optic Atrophy, a Mitochondrial Fatty Acid Synthesis Disorder. <i>American Journal of Human Genetics</i> , 2016 , 99, 1229-1244	11	59
19	Congenital protein losing enteropathy: an inborn error of lipid metabolism due to DGAT1 mutations. <i>European Journal of Human Genetics</i> , 2016 , 24, 1268-73	5.3	29
18	The dynamic N(1)-methyladenosine methylome in eukaryotic messenger RNA. <i>Nature</i> , 2016 , 530, 441-6	50.4	523
17	Expanding the molecular diversity and phenotypic spectrum of glycerol 3-phosphate dehydrogenase 1 deficiency. <i>Journal of Inherited Metabolic Disease</i> , 2016 , 39, 689-695	5.4	18
16	e23D: database and visualization of A-to-I RNA editing sites mapped to 3D protein structures. <i>Bioinformatics</i> , 2016 , 32, 2213-5	7.2	3
15	G23D: Online tool for mapping and visualization of genomic variants on 3D protein structures. <i>BMC Genomics</i> , 2016 , 17, 681	4.5	16

14	A Novel Mutation in a Critical Region for the Methyl Donor Binding in DNMT3B Causes Immunodeficiency, Centromeric Instability, and Facial Anomalies Syndrome (ICF). <i>Journal of Clinical Immunology</i> , 2016 , 36, 801-809	5.7	8
13	The anisotropic network model web server at 2015 (ANM 2.0). <i>Bioinformatics</i> , 2015 , 31, 1487-9	7.2	118
12	High metallothionein predicts poor survival in glioblastoma multiforme. <i>BMC Medical Genomics</i> , 2015 , 8, 68	3.7	21
11	Stem cells. m6A mRNA methylation facilitates resolution of naïve pluripotency toward differentiation. <i>Science</i> , 2015 , 347, 1002-6	33.3	904
10	Characterizing of functional human coding RNA editing from evolutionary, structural, and dynamic perspectives. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014 , 82, 3117-31	4.2	14
9	Detection of BCR-ABL1 mutations in chronic myeloid leukaemia by massive parallel sequencing. <i>British Journal of Haematology</i> , 2013 , 160, 477-86	4.5	4
8	Global regulation of alternative splicing by adenosine deaminase acting on RNA (ADAR). <i>Rna</i> , 2013 , 19, 591-604	5.8	76
7	MicroRNA-mediated loss of ADAR1 in metastatic melanoma promotes tumor growth. <i>Journal of Clinical Investigation</i> , 2013 , 123, 2703-18	15.9	125
6	Cooperative dynamics of proteins unraveled by network models. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2011 , 1, 426-439	7.9	13
5	Toward a molecular understanding of the anisotropic response of proteins to external forces: insights from elastic network models. <i>Biophysical Journal</i> , 2008 , 94, 3424-35	2.9	70
4	Anisotropic fluctuations of amino acids in protein structures: insights from X-ray crystallography and elastic network models. <i>Bioinformatics</i> , 2007 , 23, i175-84	7.2	60
3	Rapid assessment of correlated amino acids from pair-to-pair (P2P) substitution matrices. <i>Bioinformatics</i> , 2007 , 23, 1837-9	7.2	6
2	Anisotropic network model: systematic evaluation and a new web interface. <i>Bioinformatics</i> , 2006 , 22, 2619-27	7.2	237
1	Importance of solvent accessibility and contact surfaces in modeling side-chain conformations in proteins. <i>Journal of Computational Chemistry</i> , 2004 , 25, 712-24	3.5	107