Elizabeth J Rossin

List of Publications by Year
in descending order

38 papers	8,763 citations	304743 22 h-index	361022 35 g-index
38 all docs	38 docs citations	38 times ranked	20155 citing authors

#	Article	IF	Citations
1	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. Nature Genetics, 2012, 44, 981-990.	21.4	1,748
2	Patterns and rates of exonic de novo mutations in autism spectrum disorders. Nature, 2012, 485, 242-245.	27.8	1,597
3	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nature Genetics, 2014, 46, 234-244.	21.4	959
4	Pervasive Sharing of Genetic Effects in Autoimmune Disease. PLoS Genetics, 2011, 7, e1002254.	3.5	540
5	Sequencing Chromosomal Abnormalities Reveals Neurodevelopmental Loci that Confer Risk across Diagnostic Boundaries. Cell, 2012, 149, 525-537.	28.9	534
6	Proteins Encoded in Genomic Regions Associated with Immune-Mediated Disease Physically Interact and Suggest Underlying Biology. PLoS Genetics, 2011, 7, e1001273.	3.5	450
7	Identifying Relationships among Genomic Disease Regions: Predicting Genes at Pathogenic SNP Associations and Rare Deletions. PLoS Genetics, 2009, 5, e1000534.	3.5	371
8	Automated high-dimensional flow cytometric data analysis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8519-8524.	7.1	355
9	Genome-wide meta-analysis identifies new susceptibility loci for migraine. Nature Genetics, 2013, 45, 912-917.	21.4	338
10	Identification of heart rateâ€“associated loci and their effects on cardiac conduction and rhythm disorders. Nature Genetics, 2013, 45, 621-631.	21.4	282
11	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. Nature Genetics, 2014, 46, 826-836.	21.4	281
12	Mutations causing medullary cystic kidney disease type 1 lie in a large VNTR in MUC1 missed by massively parallel sequencing. Nature Genetics, 2013, 45, 299-303.	21.4	237
13	The role of the CD58 locus in multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5264-5269.	7.1	185
14	Admixture Mapping of an Allele Affecting Interleukin 6 Soluble Receptor and Interleukin 6 Levels. American Journal of Human Genetics, 2007, 80, 716-726.	6.2	160
15	Survey of variation in human transcription factors reveals prevalent DNA binding changes. Science, 2016, 351, 1450-1454.	12.6	114
16	52 Genetic Loci Influencing MyocardialÂMass. Journal of the American College of Cardiology, 2016, 68, 1435-1448.	2.8	113
17	Structural topology defines protective CD8 ⁺ T cell epitopes in the HIV proteome. Science, 2019, 364, 480-484.	12.6	105
18	Cytometric profiling in multiple sclerosis uncovers patient population structure and a reduction of CD8low cells. Brain, 2008, 131, 1701-1711.	7.6	73

#	Article	IF	Citations
19	Annotation of loci from genome-wide association studies using tissue-specific quantitative interaction proteomics. Nature Methods, 2014, 11, 868-874.	19.0	70
20	Structure-guided TÂcell vaccine design for SARS-CoV-2 variants and sarbecoviruses. Cell, 2021, 184, 4401-4413.e10.	28.9	65
21	Multiethnic Genome-Wide Association Study of Diabetic Retinopathy Using Liability Threshold Modeling of Duration of Diabetes and Glycemic Control. Diabetes, 2019, 68, 441-456.	0.6	54
22	Human Genetics in Rheumatoid Arthritis Guides a High-Throughput Drug Screen of the CD40 Signaling Pathway. PLoS Genetics, 2013, 9, e1003487.	3.5	52
23	HLA class-I-peptide stability mediates CD8+ TÂcell immunodominance hierarchies and facilitates HLA-associated immune control of HIV. Cell Reports, 2021, 36, 109378.	6.4	17
24	Factors Associated With Increased Risk of Serious Ocular Injury in the Setting of Orbital Fracture. JAMA Ophthalmology, 2021, 139, 77.	2.5	15
25	Effectiveness of a telemedicine program for triage and diagnosis of emergent ophthalmic conditions. Eye, 2023, 37, 325-331.	2.1	12
26	A framework for analytical characterization of monoclonal antibodies based on reactivity profiles in different tissues. Bioinformatics, 2011, 27, 2746-2753.	4.1	11
27	Traumatic Retinal Detachment in Patients with Self-Injurious Behavior. Ophthalmology Retina, 2021, 5, 805-814.	2.4	9
28	CRISPR-based Gene Editing: A Guide for the Clinician. International Ophthalmology Clinics, 2017, 57, 151-164.	0.7	3
29	Single-cell RNA sequencing: An overview for the ophthalmologist. Seminars in Ophthalmology, 2021, 36, 191-197.	1.6	3
30	Two Cases of Cutibacterium acnes (C acnes) Endophthalmitis Manifesting With Unusual Epiretinal Deposits. Ophthalmic Surgery Lasers and Imaging Retina, 2022, 53, 164-167.	0.7	3
31	Site of Origin of the Ophthalmic Artery Influences the Risk for Retinal Versus Cerebral Embolic Events. Journal of Neuro-Ophthalmology, 2021, 41, 24-28.	0.8	2
32	Aflibercept for Retinopathy of Prematurity: A Systematic Review and Meta-Analysis. Ophthalmic Surgery Lasers and Imaging Retina, 2021, 52, 673-681.	0.7	2
33	Anteriorâ€“Posterior Persistent Fetal Vasculature With Multiple Stalks: Persistent Vasa Hyaloidea Propria. Journal of Vitreoretinal Diseases, 2018, 2, 240-243.	0.7	1
34	Bilateral Immediate Sequential Vitrectomy and Lensectomy for Bilateral Lens Dislocation in Severe Neonatal Marfan Syndrome. Ophthalmic Surgery Lasers and Imaging Retina, 2018, 49, e151-e153.	0.7	1
35	Bilateral Hemorrhages in a Premature Infant With Subarachnoid Hemorrhage: An Underrecognized Etiology. Ophthalmic Surgery Lasers and Imaging Retina, 2020, 51, 596-600.	0.7	1
36	Hypopyon and White Cataract Due to an Intraocular Helminth. Ophthalmic Surgery Lasers and Imaging Retina, 2022, 53, 168-171.	0.7	0

#	Article	IF	Citations
37	Reevaluating the Risk of Serious Adverse Events of Carbonic Anhydrase Inhibitors. JAMA Ophthalmology, 0, , .	2.5	0
38	SARS-CoV-2 RNA Detected in Vitreous Samples Obtained at Autopsy. Journal of Vitreoretinal Diseases, 0, , 247412642210834.	0.7	0