Casey E Romanoski

List of Publications by Year
in descending order

40 papers	4,589 citations	270111 25 h-index	340414 39 g-index
49 all docs	49 docs citations	49 times ranked	10884 citing authors

#	Article	IF	Citations
1	Systematic analysis of naturally occurring insertions and deletions that alter transcription factor spacing identifies tolerant and sensitive transcription factor pairs. ELife, 2022, 11, .	2.8	5
2	Functional noncoding SNPs in human endothelial cells fine-map vascular trait associations. Genome Research, 2022, 32, 409-424.	2.4	10
3	CC16 Binding to Î±₄Î²₁ Integrin Protects against Mycoplasma pneumoniae Infection. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 1410-1418.	2.5	20
4	Genome-wide analysis identifies novel susceptibility loci for myocardial infarction. European Heart Journal, 2021, 42, 919-933.	1.0	113
5	Integrative analysis of liver-specific non-coding regulatory SNPs associated with the risk of coronary artery disease. American Journal of Human Genetics, 2021, 108, 411-430.	2.6	20
6	Breast tumor stiffness instructs bone metastasis via maintenance of mechanical conditioning. Cell Reports, 2021, 35, 109293.	2.9	29
7	Single-Cell Epigenomics and Functional Fine-Mapping of Atherosclerosis GWAS Loci. Circulation Research, 2021, 129, 240-258.	2.0	61
8	Meta-Analysis of Smooth Muscle Lineage Transcriptomes in Atherosclerosis and Their Relationships to In Vitro Models. Immunometabolism, 2021, 3, .	0.7	26
9	Sex-specific genetic regulation of adipose mitochondria and metabolic syndrome by Ndufv2. Nature Metabolism, 2021, 3, 1552-1568.	5.1	32
10	Biological heterogeneity in idiopathic pulmonary arterial hypertension identified through unsupervised transcriptomic profiling of whole blood. Nature Communications, 2021, 12, 7104.	5.8	21
11	Transcriptomic profiles in pulmonary arterial hypertension associate with disease severity and identify novel candidate genes. Pulmonary Circulation, 2020, 10, 1-5.	0.8	11
12	Rhinovirus Infections in Individuals with Asthma Increase ACE2 Expression and Cytokine Pathways Implicated in COVID-19. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 753-755.	2.5	25
13	Transcriptomic and epigenetic mechanisms underlying myeloid diversity in the lung. Nature Immunology, 2020, 21, 221-231.	7.0	52
14	Systems Genetics in Human Endothelial Cells Identifies Non-coding Variants Modifying Enhancers, Expression, and Complex Disease Traits. American Journal of Human Genetics, 2020, 106, 748-763.	2.6	40
15	An upstream enhancer regulates Gpihbp1 expression in a tissue-specific manner. Journal of Lipid Research, 2019, 60, 869-879.	2.0	7
16	Genetic variant at coronary artery disease and ischemic stroke locus 1p32.2 regulates endothelial responses to hemodynamics. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11349-E11358.	3.3	58
17	Analysis of Genetically Diverse Macrophages Reveals Local and Domain-wide Mechanisms that Control Transcription Factor Binding and Function. Cell, 2018, 173, 1796-1809.e17.	13.5	165
18	MMARGE: Motif Mutation Analysis for Regulatory Genomic Elements. Nucleic Acids Research, 2018, 46, 7006-7021.	6.5	20

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19	Oxidized phospholipids regulate amino acid metabolism through MTHFD2 to facilitate nucleotide release in endothelial cells. Nature Communications, 2018, 9, 2292.	5.8	44
20	Transcriptional networks specifying homeostatic and inflammatory programs of gene expression in human aortic endothelial cells. ELife, 2017, 6, .	2.8	79
21	Deleting an Nr4a1 Super-Enhancer Subdomain Ablates Ly6C low Monocytes while Preserving Macrophage Gene Function. Immunity, 2016, 45, 975-987.	6.6	127
22	MAFG Is a Transcriptional Repressor of Bile Acid Synthesis and Metabolism. Cell Metabolism, 2015, 21, 298-311.	7.2	74
23	The selection and function of cell type-specific enhancers. Nature Reviews Molecular Cell Biology, 2015, 16, 144-154.	16.1	859
24	Roadmap for regulation. Nature, 2015, 518, 314-316.	13.7	190
25	Exploiting genomics and natural genetic variation to decode macrophage enhancers. Trends in Immunology, 2015, 36, 507-518.	2.9	32
26	Siglec receptors impact mammalian lifespan by modulating oxidative stress. ELife, 2015, 4, .	2.8	56
27	Abstract 49: The Transcriptional Repressor MafG Regulates Cholesterol Catabolism. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	1.1	0
28	Environment Drives Selection and Function of Enhancers Controlling Tissue-Specific Macrophage Identities. Cell, 2014, 159, 1327-1340.	13.5	1,078
29	Control of VEGF-A transcriptional programs by pausing and genomic compartmentalization. Nucleic Acids Research, 2014, 42, 12570-12584.	6.5	47
30	25-Hydroxycholesterol Activates the Integrated Stress Response to Reprogram Transcription and Translation in Macrophages. Journal of Biological Chemistry, 2013, 288, 35812-35823.	1.6	64
31	Remodeling of the Enhancer Landscape during Macrophage Activation Is Coupled to Enhancer Transcription. Molecular Cell, 2013, 51, 310-325.	4.5	616
32	Identification of CAD candidate genes in GWAS loci and their expression in vascular cells. Journal of Lipid Research, 2013, 54, 1894-1905.	2.0	86
33	Association of TERC and OBFC1 Haplotypes with Mean Leukocyte Telomere Length and Risk for Coronary Heart Disease. PLoS ONE, 2013, 8, e83122.	1.1	42
34	Metalloproteinase Processing of HBEGF Is a Proximal Event in the Response of Human Aortic Endothelial Cells to Oxidized Phospholipids. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1246-1254.	1.1	18
35	Role of Phospholipid Oxidation Products in Atherosclerosis. Circulation Research, 2012, 111, 778-799.	2.0	172
36	Network for Activation of Human Endothelial Cells by Oxidized Phospholipids. Circulation Research, 2011, 109, e27-41.	2.0	117

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37	Paraoxonase-2 Modulates Stress Response of Endothelial Cells to Oxidized Phospholipids and a Bacterial Quorumâ€“Sensing Molecule. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2624-2633.	1.1	35
38	Systems Genetics Analysis of Gene-by-Environment Interactions in Human Cells. American Journal of Human Genetics, 2010, 86, 399-410.	2.6	103
39	A re-examination of the phylogenetic relationship between the causal agents of carrot black rot,Alternaria radicinaandA. carotiincultae. Mycologia, 2008, 100, 511-527.	0.8	28
40	Network-centered view of coronary artery disease. Expert Review of Cardiovascular Therapy, 2007, 5, 1095-1103.	0.6	3