

# Srinivas Mummidi

## List of Publications by Year in descending order

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75  
papers

4,303  
citations

117625

34  
h-index

110387

64  
g-index

79  
all docs

79  
docs citations

79  
times ranked

5384  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genealogy of the CCR5 locus and chemokine system gene variants associated with altered rates of HIV-1 disease progression. <i>Nature Medicine</i> , 1998, 4, 786-793.	30.7	329
2	HIV-1 infection and AIDS dementia are influenced by a mutant MCP-1 allele linked to increased monocyte infiltration of tissues and MCP-1 levels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 13795-13800.	7.1	305
3	Race-specific HIV-1 disease-modifying effects associated with CCR5 haplotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 12004-12009.	7.1	248
4	Global survey of genetic variation in CCR5, RANTES, and MIP-1 $\alpha$ : Impact on the epidemiology of the HIV-1 pandemic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 5199-5204.	7.1	225
5	A strong signature of balancing selection in the 5' cis-regulatory region of CCR5. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10539-10544.	7.1	224
6	IL-17 stimulates MMP-1 expression in primary human cardiac fibroblasts via p38 MAPK- and ERK1/2-dependent C/EBP $\beta$ , NF $\kappa$ B, and AP-1 activation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H3356-H3365.	3.2	199
7	Interleukin-18-induced Human Coronary Artery Smooth Muscle Cell Migration Is Dependent on NF $\kappa$ B- and AP-1-mediated Matrix Metalloproteinase-9 Expression and Is Inhibited by Atorvastatin. <i>Journal of Biological Chemistry</i> , 2006, 281, 15099-15109.	3.4	179
8	Evolution of Human and Non-human Primate CC Chemokine Receptor 5 Gene and mRNA. <i>Journal of Biological Chemistry</i> , 2000, 275, 18946-18961.	3.4	158
9	The Human CC Chemokine Receptor 5 (CCR5) Gene. <i>Journal of Biological Chemistry</i> , 1997, 272, 30662-30671.	3.4	154
10	Fractalkine (CX3CL1) stimulated by nuclear factor kappaB (NF-kappaB)-dependent inflammatory signals induces aortic smooth muscle cell proliferation through an autocrine pathway. <i>Biochemical Journal</i> , 2003, 373, 547-558.	3.7	139
11	CXCL16 Signals via Gi, Phosphatidylinositol 3-Kinase, Akt, I $\kappa$ B Kinase, and Nuclear Factor- $\kappa$ B and Induces Cell-Cell Adhesion and Aortic Smooth Muscle Cell Proliferation. <i>Journal of Biological Chemistry</i> , 2004, 279, 3188-3196.	3.4	135
12	Interleukin-18 Is a Pro-hypertrophic Cytokine That Acts through a Phosphatidylinositol 3-Kinase-Phosphoinositide-dependent Kinase-1-Akt-GATA4 Signaling Pathway in Cardiomyocytes. <i>Journal of Biological Chemistry</i> , 2005, 280, 4553-4567.	3.4	114
13	Activation of Intrinsic and Extrinsic Proapoptotic Signaling Pathways in Interleukin-18-mediated Human Cardiac Endothelial Cell Death. <i>Journal of Biological Chemistry</i> , 2004, 279, 20221-20233.	3.4	112
14	WNT1-inducible signaling pathway protein-1 activates diverse cell survival pathways and blocks doxorubicin-induced cardiomyocyte death. <i>Cellular Signalling</i> , 2010, 22, 809-820.	3.6	111
15	Extensive Repertoire of Membrane-bound and Soluble Dendritic Cell-specific ICAM-3-grabbing Nonintegrin 1 (DC-SIGN1) and DC-SIGN2 Isoforms. <i>Journal of Biological Chemistry</i> , 2001, 276, 33196-33212.	3.4	99
16	Resveratrol inhibits high glucose-induced PI3K/Akt/ERK-dependent interleukin-17 expression in primary mouse cardiac fibroblasts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H2078-H2087.	3.2	95
17	Concordance between the CC Chemokine Receptor 5 Genetic Determinants That Alter Risks of Transmission and Disease Progression in Children Exposed Perinatally to Human Immunodeficiency Virus. <i>Journal of Infectious Diseases</i> , 2001, 183, 1574-1585.	4.0	81
18	The Pro-atherogenic Cytokine Interleukin-18 Induces CXCL16 Expression in Rat Aortic Smooth Muscle Cells via MyD88, Interleukin-1 Receptor-associated Kinase, Tumor Necrosis Factor Receptor-associated Factor 6, c-Src, Phosphatidylinositol 3-Kinase, Akt, c-Jun N-terminal Kinase, and Activator Protein-1 Signaling. <i>Journal of Biological Chemistry</i> , 2005, 280, 26263-26277.	3.4	74

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19	High Glucose, High Insulin, and Their Combination Rapidly Induce Laminin- $\beta$ 21 Synthesis by Regulation of mRNA Translation in Renal Epithelial Cells. <i>Diabetes</i> , 2007, 56, 476-485.	0.6	71
20	CCR5 Expression Levels Influence NFAT Translocation, IL-2 Production, and Subsequent Signaling Events during T Lymphocyte Activation. <i>Journal of Immunology</i> , 2009, 182, 171-182.	0.8	71
21	CC Chemokine Receptor 5-Mediated Signaling and HIV-1 Co-receptor Activity Share Common Structural Determinants. <i>Journal of Biological Chemistry</i> , 1997, 272, 19771-19776.	3.4	69
22	Interleukin-18 induces EMMPRIN expression in primary cardiomyocytes via JNK/Sp1 signaling and MMP-9 in part via EMMPRIN and through AP-1 and NF- $\kappa$ B activation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H1242-H1254.	3.2	69
23	Interleukin-18 induces human cardiac endothelial cell death via a novel signaling pathway involving NF- $\kappa$ B-dependent PTEN activation. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 956-963.	2.1	57
24	Metformin inhibits aldosterone-induced cardiac fibroblast activation, migration and proliferation in vitro, and reverses aldosterone+salt-induced cardiac fibrosis in vivo. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 98, 95-102.	1.9	56
25	The SGLT2 inhibitor Empagliflozin attenuates interleukin-17A-induced human aortic smooth muscle cell proliferation and migration by targeting TRAF3IP2/ROS/NLRP3/Caspase-1-dependent IL-1 $\beta$ and IL-18 secretion. <i>Cellular Signalling</i> , 2021, 77, 109825.	3.6	54
26	Role of astrocytes and chemokine systems in acute TNF $\alpha$ induced demyelinating syndrome: CCR2-dependent signals promote astrocyte activation and survival via NF- $\kappa$ B and Akt. <i>Molecular and Cellular Neurosciences</i> , 2008, 37, 96-109.	2.2	51
27	Aldosterone-induced cardiomyocyte growth, and fibroblast migration and proliferation are mediated by TRAF3IP2. <i>Cellular Signalling</i> , 2015, 27, 1928-1938.	3.6	49
28	Survey of Porcine Rotavirus G and P Genotype in Poland and the United States Using RT-PCR. <i>Zoonoses and Public Health</i> , 2002, 49, 373-378.	1.4	48
29	TLR4-NOX4-AP-1 signaling mediates lipopolysaccharide-induced CXCR6 expression in human aortic smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 1113-1120.	2.1	48
30	Epigenetic mechanisms, T-cell activation, and CCR5 genetics interact to regulate T-cell expression of CCR5, the major HIV-1 coreceptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4762-71.	7.1	48
31	The rs1024611 Regulatory Region Polymorphism Is Associated with CCL2 Allelic Expression Imbalance. <i>PLoS ONE</i> , 2012, 7, e49498.	2.5	40
32	Combinatorial content of CCL3L and CCL4L gene copy numbers influence HIV-AIDS susceptibility in Ukrainian children. <i>Aids</i> , 2009, 23, 679-688.	2.2	39
33	Contrasting Effects of Natural Selection on Human and Chimpanzee CC Chemokine Receptor 5. <i>American Journal of Human Genetics</i> , 2005, 76, 291-301.	6.2	38
34	$\beta$ 2 adrenergic activation induces the expression of IL-18 binding protein, a potent inhibitor of isoproterenol induced cardiomyocyte hypertrophy in vitro and myocardial hypertrophy in vivo. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 52, 206-218.	1.9	35
35	Pressure overload induces IL-18 and IL-18R expression, but markedly suppresses IL-18BP expression in a rabbit model. IL-18 potentiates TNF $\alpha$ -induced cardiomyocyte death. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 75, 141-151.	1.9	35
36	Targeting TRAF3IP2 by Genetic and Interventional Approaches Inhibits Ischemia/Reperfusion-induced Myocardial Injury and Adverse Remodeling. <i>Journal of Biological Chemistry</i> , 2017, 292, 2345-2358.	3.4	34

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37	Interaction of Breast Cancer and Insulin Resistance on PD1 and TIM3 Expression in Peripheral Blood CD8 T Cells. <i>Pathology and Oncology Research</i> , 2019, 25, 1233-1243.	1.9	28
38	Influence of Variations in CCL3L1 and CCR5 on Tuberculosis in a Northwestern Colombian Population. <i>Journal of Infectious Diseases</i> , 2011, 203, 1590-1594.	4.0	26
39	TRAF3IP2 mediates TWEAK/TWEAKR-induced pro-fibrotic responses in cultured cardiac fibroblasts and the heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 121, 107-123.	1.9	26
40	Interleukin-18 Suppresses Adiponectin Expression in 3T3-L1 Adipocytes via a Novel Signal Transduction Pathway Involving ERK1/2-dependent NFATc4 Phosphorylation. <i>Journal of Biological Chemistry</i> , 2008, 283, 4200-4209.	3.4	25
41	Family history and obesity in youth, their effect on acylcarnitine/aminoacids metabolomics and non-alcoholic fatty liver disease (NAFLD). Structural equation modeling approach. <i>PLoS ONE</i> , 2018, 13, e0193138.	2.5	24
42	RECK suppresses interleukin-17/TRA3IP2-mediated MMP-13 activation and human aortic smooth muscle cell migration and proliferation. <i>Journal of Cellular Physiology</i> , 2019, 234, 22242-22259.	4.1	24
43	Transcription factor GATA-1 potently represses the expression of the HIV-1 coreceptor CCR5 in human T cells and dendritic cells. <i>Blood</i> , 2005, 106, 3440-3448.	1.4	23
44	Production of Specific mRNA Transcripts, Usage of an Alternate Promoter, and Octamer-Binding Transcription Factors Influence the Surface Expression Levels of the HIV Coreceptor CCR5 on Primary T Cells. <i>Journal of Immunology</i> , 2007, 178, 5668-5681.	0.8	20
45	Minocycline inhibits PDGF-BB-induced human aortic smooth muscle cell proliferation and migration by reversing miR-221- and -222-mediated RECK suppression. <i>Cellular Signalling</i> , 2019, 57, 10-20.	3.6	18
46	Sacubitril/valsartan inhibits obesity-associated diastolic dysfunction through suppression of ventricular-vascular stiffness. <i>Cardiovascular Diabetology</i> , 2021, 20, 80.	6.8	18
47	Programmed Cell Death 4 (PDCD4): A Novel Player in Ethanol-Mediated Suppression of Protein Translation in Primary Cortical Neurons and Developing Cerebral Cortex. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 96-109.	2.4	17
48	Genetics of serum carotenoid concentrations and their correlation with obesity-related traits in Mexican American children. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 52-58.	4.7	16
49	Ethanol-Induced Transcriptional Activation of Programmed Cell Death 4 (Pdc4) Is Mediated by GSK-3 <sup>β</sup> Signaling in Rat Cortical Neuroblasts. <i>PLoS ONE</i> , 2014, 9, e98080.	2.5	16
50	An Evolutionarily Conserved TNF- $\alpha$ -Responsive Enhancer in the Far Upstream Region of Human CCL2 Locus Influences Its Gene Expression. <i>Journal of Immunology</i> , 2011, 186, 7025-7038.	0.8	13
51	A genetic association study of carotid intima-media thickness (CIMT) and plaque in Mexican Americans and European Americans with rheumatoid arthritis. <i>Atherosclerosis</i> , 2018, 271, 92-101.	0.8	11
52	Epidermal-specific deletion of TC-PTP promotes UVB-induced epidermal cell survival through the regulation of Flk-1/JNK signaling. <i>Cell Death and Disease</i> , 2018, 9, 730.	6.3	11
53	Further evidence supporting a potential role for ADH1B in obesity. <i>Scientific Reports</i> , 2021, 11, 1932.	3.3	11
54	Acanthosis nigricans as a composite marker of cardiometabolic risk and its complex association with obesity and insulin resistance in Mexican American children. <i>PLoS ONE</i> , 2020, 15, e0240467.	2.5	10

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55	CCL3L Copy Number Variation and the Co-Evolution of Primate and Viral Genomes. PLoS Genetics, 2009, 5, e1000359.	3.5	9
56	Confirmation of differential binding of Interferon Regulatory Factor-1 (IRF-1) to the functional and HIV disease-influencing $\hat{\sim}$ 2578 A/G polymorphism in CCL2. Genes and Immunity, 2009, 10, 197-198.	4.1	8
57	Overexpression of TC-PTP in murine epidermis attenuates skin tumor formation. Oncogene, 2020, 39, 4241-4256.	5.9	8
58	Genetic and environmental (physical fitness and sedentary activity) interaction effects on cardiometabolic risk factors in Mexican American children and adolescents. Genetic Epidemiology, 2018, 42, 378-393.	1.3	7
59	Serum carotenoids and Pediatric Metabolic Index predict insulin sensitivity in Mexican American children. Scientific Reports, 2021, 11, 871.	3.3	6
60	CCR5 Promoter Haplotype Transcription Complex Characterization. Journal of Health Care for the Poor and Underserved, 2011, 22, 73-90.	0.8	5
61	Nonalcoholic fatty liver disease can be predicted by retinal vascular changes in patients with obesity without hypertension or diabetes. European Journal of Gastroenterology and Hepatology, 2017, 29, 962-967.	1.6	4
62	Burden of Type 2 Diabetes and Associated Cardiometabolic Traits and Their Heritability Estimates in Endogamous Ethnic Groups of India: Findings From the INDIGENIUS Consortium. Frontiers in Endocrinology, 2022, 13, 847692.	3.5	4
63	The VP4 and VP7 of bovine rotavirus VMRI are antigenically and genetically closely related to P-type 5, G-type 6 strains. Veterinary Microbiology, 1996, 51, 241-255.	1.9	3
64	Clinical Significance of Serum Uric Acid Levels in Mexican Young Adults. Contributions To Nephrology, 2018, 192, 125-134.	1.1	3
65	Sequence and phylogenetic analysis of the VP7 gene of a bovine rotavirus with G6 subtype. Virus Genes, 1996, 12, 203-4.	1.6	2
66	Association of HIV-1 Infection and Antiretroviral Therapy With Type 2 Diabetes in the Hispanic Population of the Rio Grande Valley, Texas, USA. Frontiers in Medicine, 2021, 8, 676979.	2.6	2
67	Prolactin Induces IL-2 Associated TRAIL Expression on Natural Killer Cells from Chronic Hepatitis C Patients In vivo and In vitro. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2019, 19, 975-984.	1.2	2
68	Cardiometabolic Risk Factors Associated with Renal Function in Apparently Healthy Young Students: A Cross-Sectional Study. Revista De Investigacion Clinica, 2020, 72, 95-102.	0.4	2
69	Data on genetic associations of carotid atherosclerosis markers in Mexican American and European American rheumatoid arthritis subjects. Data in Brief, 2018, 17, 820-829.	1.0	1
70	Sequence Analysis of VP7 Gene of a Bovine Rotavirus with G6 Subtype. Advances in Experimental Medicine and Biology, 1997, 412, 93-94.	1.6	1
71	Comparison of Carotid Intima-Media Thickness in Children and Adults With and Without Obesity: A Hysteresis Model. Endocrine Practice, 2022, 28, 315-320.	2.1	1
72	Title is missing!. , 2020, 15, e0240467.		0

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73	Title is missing!. , 2020, 15, e0240467.		0
74	Title is missing!. , 2020, 15, e0240467.		0
75	Title is missing!.. , 2020, 15, e0240467.		0