

# Sunil Thomas

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,547  
citations

516215

16  
h-index

344852

36  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2835  
citing authors

#	ARTICLE	IF	CITATIONS
1	Indoleamine 2,3-dioxygenase pathways of pathogenic inflammation and immune escape in cancer. <i>Cancer Immunology, Immunotherapy</i> , 2014, 63, 721-735.	2.0	423
2	The Host Microbiome Regulates and Maintains Human Health: A Primer and Perspective for Non-Microbiologists. <i>Cancer Research</i> , 2017, 77, 1783-1812.	0.4	270
3	The Structure of the Membrane Protein of SARS-CoV-2 Resembles the Sugar Transporter SemiSWEET. <i>Pathogens and Immunity</i> , 2020, 5, 342.	1.4	112
4	Cancer Vaccines: A Brief Overview. <i>Methods in Molecular Biology</i> , 2016, 1403, 755-761.	0.4	104
5	Indoximod: An Immunometabolic Adjuvant That Empowers T Cell Activity in Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 370.	1.3	91
6	Analysis of lipid rafts in T cells. <i>Molecular Immunology</i> , 2004, 41, 399-409.	1.0	66
7	Exit Mechanisms of the Intracellular Bacterium <i>Ehrlichia</i> . <i>PLoS ONE</i> , 2010, 5, e15775.	1.1	53
8	Complement anaphylatoxin C5a neuroprotects through regulation of glutamate receptor subunit 2 in vitro and in vivo. <i>Journal of Neuroinflammation</i> , 2008, 5, 5.	3.1	52
9	Vgf is a novel biomarker associated with muscle weakness in amyotrophic lateral sclerosis (ALS), with a potential role in disease pathogenesis. <i>International Journal of Medical Sciences</i> , 2008, 5, 92-99.	1.1	50
10	Epithelial barrier function properties of the 16HBE14o- human bronchial epithelial cell culture model. <i>Bioscience Reports</i> , 2020, 40, .	1.1	29
11	A Model for Antigen-Specific T-Cell Anergy: Displacement of CD4-p56 <i>lck</i> Signalosome from the Lipid Rafts by a Soluble, Dimeric Peptide-MHC Class II Chimera. <i>Journal of Immunology</i> , 2003, 170, 5981-5992.	0.4	26
12	Increased Neuronal Injury in Transgenic Mice with Neuronal Overexpression of Human Cyclooxygenase-2 is reversed by Hypothermia and Rofecoxib Treatment. <i>Current Neurovascular Research</i> , 2007, 4, 274-279.	0.4	25
13	Immunization with <i>Ehrlichia</i> P28 Outer Membrane Proteins Confers Protection in a Mouse Model of Ehrlichiosis. <i>Vaccine Journal</i> , 2011, 18, 2018-2025.	3.2	25
14	Mapping the Nonstructural Transmembrane Proteins of Severe Acute Respiratory Syndrome Coronavirus 2. <i>Journal of Computational Biology</i> , 2021, 28, 909-921.	0.8	25
15	Vaccines based on structure-based design provide protection against infectious diseases. <i>Expert Review of Vaccines</i> , 2013, 12, 1301-1311.	2.0	18
16	Improvement of Human-Oral-Epithelial-Barrier Function and of Tight Junctions by Micronutrients. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 10950-10958.	2.4	18
17	Structure-Based Vaccines Provide Protection in a Mouse Model of Ehrlichiosis. <i>PLoS ONE</i> , 2011, 6, e27981.	1.1	18
18	Intestinal barrier tightening by a cell-penetrating antibody to Bin1, a candidate target for immunotherapy of ulcerative colitis. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 4225-4237.	1.2	16

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19	IDO1 Signaling through GCN2 in a Subpopulation of Gr-1+ Cells Shifts the IFN $\gamma$ /IL6 Balance to Promote Neovascularization. <i>Cancer Immunology Research</i> , 2021, 9, 514-528.	1.6	16
20	Artificial Intelligence in Vaccine and Drug Design. <i>Methods in Molecular Biology</i> , 2022, 2410, 131-146.	0.4	15
21	Novel Colitis Immunotherapy Targets Bin1 and Improves Colon Cell Barrier Function. <i>Digestive Diseases and Sciences</i> , 2016, 61, 423-432.	1.1	14
22	Future Challenges for Vaccinologists. <i>Methods in Molecular Biology</i> , 2016, 1403, 41-55.	0.4	10
23	Retinoic acid improves baseline barrier function and attenuates TNF- $\alpha$ -induced barrier leak in human bronchial epithelial cell culture model, 16HBE 14o-. <i>PLoS ONE</i> , 2020, 15, e0242536.	1.1	10
24	Recombinant Ehrlichia P29 protein induces a protective immune response in a mouse model of ehrlichiosis. <i>Vaccine</i> , 2013, 31, 5960-5967.	1.7	8
25	Specific In Situ Detection of Murine Indoleamine 2, 3-dioxygenase. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 391-396.	1.2	8
26	Bin1 antibody lowers the expression of phosphorylated Tau in Alzheimer's disease. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 18320-18331.	1.2	7
27	Zinc reduces epithelial barrier compromise induced by human seminal plasma. <i>PLoS ONE</i> , 2017, 12, e0170306.	1.1	7
28	Development of Structure-Based Vaccines for Ehrlichiosis. <i>Methods in Molecular Biology</i> , 2016, 1403, 519-534.	0.4	4
29	An engraved surface induces weak adherence and high proliferation of nonadherent cells and microorganisms during culture. <i>BioTechniques</i> , 2020, 69, 113-125.	0.8	4
30	Towards Determining the Epitopes of the Structural Proteins of. <i>Methods in Molecular Biology</i> , 2022, 2410, 265-272.	0.4	4
31	Challenges in Veterinary Vaccine Development. <i>Methods in Molecular Biology</i> , 2022, 2411, 3-34.	0.4	3
32	Challenges for Vaccinologists in the First Half of the Twenty-First Century. <i>Methods in Molecular Biology</i> , 2022, 2410, 3-25.	0.4	3
33	Status of COVID-19 Pandemic Before the Administration of Vaccine. <i>Methods in Molecular Biology</i> , 2022, 2410, 93-108.	0.4	3
34	Reliable detection of indoleamine 2,3 dioxigenase-1 in murine cells and tissues. <i>Methods in Enzymology</i> , 2019, 629, 219-233.	0.4	2
35	mRNA Vaccines to Protect Against Diseases. <i>Methods in Molecular Biology</i> , 2022, 2410, 111-129.	0.4	2
36	Development of Vaccines for Ehrlichiosis. , 2016, , 177-196.		1

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37	Spontaneous and cytokine-induced hole formation in epithelial cell layers: Implications for barrier function studies with the gingival cell culture, Gie-3B11, and other epithelial models. Trends in Cell & Molecular Biology, 2018, 13, 99-114.	0.5	1
38	Progress in the Development of Structure-Based Vaccines. Methods in Molecular Biology, 2022, 2412, 15-33.	0.4	1
39	Potassium sulfate forms a spiral structure when dissolved in solution. Russian Journal of Physical Chemistry B, 2017, 11, 195-198.	0.2	0
40	Development of a SONIX to Protect Against. Methods in Molecular Biology, 2022, 2410, 423-429.	0.4	0
41	In Silico Identification of the B-Cell and T-Cell Epitopes of the Antigenic Proteins of Staphylococcus aureus for Potential Vaccines. Methods in Molecular Biology, 2022, 2412, 439-447.	0.4	0
42	Structure-Based Design of and Vaccines for. Methods in Molecular Biology, 2022, 2410, 411-422.	0.4	0
43	Resources for Starting a. Methods in Molecular Biology, 2022, 2412, 529-542.	0.4	0