

# Bellur S Prabhakar

## List of Publications by Year in descending order

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101  
papers

4,751  
citations

94433

37  
h-index

106344

65  
g-index

101  
all docs

101  
docs citations

101  
times ranked

7097  
citing authors

#	ARTICLE	IF	CITATIONS
1	LIGHT enhanced bispecific antibody armed T-cells to treat immunotherapy resistant colon cancer. <i>Oncogene</i> , 2022, 41, 2054-2068.	5.9	7
2	Restoration of Follicular T Regulatory/Helper Cell Balance by OX40/JAG1 Cotreatment Suppresses Lupus Nephritis in NZBWF1/j Mice. <i>Journal of Immunology</i> , 2022, 208, 2467-2481.	0.8	4
3	Identification of potential COVID-19 treatment compounds which inhibit SARS Cov2 prototypic, Delta and Omicron variant infection. <i>Virology</i> , 2022, 572, 64-71.	2.4	12
4	Inhibition of IRAK4 dysregulates SARS-CoV-2 spike protein-induced macrophage inflammatory and glycolytic reprogramming. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 301.	5.4	9
5	Combination Immunotherapy With LIGHT and Interleukin-2 Increases CD8 Central Memory T-Cells In Vivo. <i>Journal of Surgical Research</i> , 2021, 263, 44-52.	1.6	3
6	Induction of Antigen-Independent Proliferation of Regulatory T-Cells by TNF Superfamily Ligands OX40L and GITRL. <i>Methods in Molecular Biology</i> , 2021, 2248, 63-71.	0.9	6
7	Cancer immunotherapy with check point inhibitor can cause autoimmune adverse events due to loss of Treg homeostasis. <i>Seminars in Cancer Biology</i> , 2020, 64, 29-35.	9.6	76
8	Vemurafenib may overcome TNF-related apoptosis-inducing ligand (TRAIL) resistance in anaplastic thyroid cancer cells. <i>Endocrine</i> , 2020, 67, 117-123.	2.3	6
9	Epidemiology of out-of-Hospital Cardiac Arrests, knowledge of cardiovascular disease and risk factors in a regional setting in India: The Warangal Area out-of-hospital Cardiac Arrest Registry (WACAR). <i>Indian Heart Journal</i> , 2020, 72, 517-523.	0.5	7
10	Oncolytic adenovirus encoding LIGHT (TNFSF14) inhibits tumor growth via activating anti-tumor immune responses in 4T1 mouse mammary tumor model in immune competent syngeneic mice. <i>Cancer Gene Therapy</i> , 2020, 27, 923-933.	4.6	9
11	Post-translational modifications contribute to neoepitopes in Type-1 diabetes: Challenges for inducing antigen-specific tolerance. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140478.	2.3	10
12	Vaccination With Mitoxantrone-Treated Primary Colon Cancer Cells Enhances Tumor-Infiltrating Lymphocytes and Clinical Responses in Colorectal Liver Metastases. <i>Journal of Surgical Research</i> , 2019, 233, 57-64.	1.6	12
13	OX40L/JAG1-Induced Expansion of Lineage-Stable Regulatory T Cells Involves Noncanonical NF- $\kappa$ B Signaling. <i>Journal of Immunology</i> , 2019, 203, 3225-3236.	0.8	11
14	An Oncolytic Adenovirus Targeting Transforming Growth Factor $\beta$ 2 Inhibits Protumorigenic Signals and Produces Immune Activation: A Novel Approach to Enhance Anti-PD-1 and Anti-CTLA-4 Therapy. <i>Human Gene Therapy</i> , 2019, 30, 1117-1132.	2.7	36
15	Loss of MADD expression inhibits cellular growth and metastasis in anaplastic thyroid cancer. <i>Cell Death and Disease</i> , 2019, 10, 145.	6.3	16
16	Molecular aberrations and signaling cascades implicated in the pathogenesis of anaplastic thyroid cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1872, 188262.	7.4	11
17	Restoring self-tolerance in autoimmune diseases by enhancing regulatory T-cells. <i>Cellular Immunology</i> , 2019, 339, 41-49.	3.0	41
18	Critical role of OX40 signaling in the TCR-independent phase of human and murine thymic Treg generation. <i>Cellular and Molecular Immunology</i> , 2019, 16, 138-153.	10.5	38

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19	MADD silencing enhances anti-tumor activity of TRAIL in anaplastic thyroid cancer. <i>Endocrine-Related Cancer</i> , 2019, 26, 551-563.	3.1	5
20	Identification of a Novel OX40L+ Dendritic Cell Subset That Selectively Expands Regulatory T cells. <i>Scientific Reports</i> , 2018, 8, 14940.	3.3	17
21	Therapeutic advances in anaplastic thyroid cancer: a current perspective. <i>Molecular Cancer</i> , 2018, 17, 154.	19.2	148
22	A comprehensive review on the role of co-signaling receptors and Treg homeostasis in autoimmunity and tumor immunity. <i>Journal of Autoimmunity</i> , 2018, 95, 77-99.	6.5	141
23	A single high-fat meal alters human soluble RAGE profiles and PBMC RAGE expression with no effect of prior aerobic exercise. <i>Physiological Reports</i> , 2018, 6, e13811.	1.7	11
24	Implementing a STEMI system of care in urban Bangalore: Rationale and Study Design for heart rescue India. <i>Contemporary Clinical Trials Communications</i> , 2018, 10, 105-110.	1.1	3
25	Colon cancer cell treatment with rose bengal generates a protective immune response via immunogenic cell death. <i>Cell Death and Disease</i> , 2017, 8, e2584-e2584.	6.3	55
26	LIGHT Elevation Enhances Immune Eradication of Colon Cancer Metastases. <i>Cancer Research</i> , 2017, 77, 1880-1891.	0.9	44
27	An Engineered Herpesvirus Activates Dendritic Cells and Induces Protective Immunity. <i>Scientific Reports</i> , 2017, 7, 41461.	3.3	12
28	Soluble OX40L and JAG1 Induce Selective Proliferation of Functional Regulatory T-Cells Independent of canonical TCR signaling. <i>Scientific Reports</i> , 2017, 7, 39751.	3.3	18
29	The epigenetic drug Trichostatin A ameliorates experimental autoimmune encephalomyelitis via T cell tolerance induction and impaired influx of T cells into the spinal cord. <i>Neurobiology of Disease</i> , 2017, 108, 1-12.	4.4	23
30	PKC- $\zeta$ is dispensable for OX40L-induced TCR-independent Treg proliferation but contributes by enabling IL-2 production from effector T-cells. <i>Scientific Reports</i> , 2017, 7, 6594.	3.3	8
31	Knockdown of Mtfp1 can minimize doxorubicin cardiotoxicity by inhibiting Dnm1 $\alpha$ -mediated mitochondrial fission. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 3394-3404.	3.6	34
32	Mitochondrial protein 18 (MTP18) plays a pro-apoptotic role in chemotherapy-induced gastric cancer cell apoptosis. <i>Oncotarget</i> , 2017, 8, 56582-56597.	1.8	20
33	Targeting the metabolic pathway of human colon cancer overcomes resistance to TRAIL-induced apoptosis. <i>Cell Death Discovery</i> , 2016, 2, 16067.	4.7	25
34	Intravaginal Zinc Oxide Tetrapod Nanoparticles as Novel Immunoprotective Agents against Genital Herpes. <i>Journal of Immunology</i> , 2016, 196, 4566-4575.	0.8	122
35	The mitochondrial ubiquitin ligase plays an anti-apoptotic role in cardiomyocytes by regulating mitochondrial fission. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 2278-2288.	3.6	21
36	Age-dependent divergent effects of OX40L treatment on the development of diabetes in NOD mice. <i>Autoimmunity</i> , 2016, 49, 298-311.	2.6	23

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37	Ebola virus outbreak, updates on current therapeutic strategies. <i>Reviews in Medical Virology</i> , 2015, 25, 241-253.	8.3	9
38	Alternative splicing as a biomarker and potential target for drug discovery. <i>Acta Pharmacologica Sinica</i> , 2015, 36, 1212-1218.	6.1	88
39	GM-CSF: An immune modulatory cytokine that can suppress autoimmunity. <i>Cytokine</i> , 2015, 75, 261-271.	3.2	150
40	Dual Role of GM-CSF as a Pro-Inflammatory and a Regulatory Cytokine: Implications for Immune Therapy. <i>Journal of Interferon and Cytokine Research</i> , 2015, 35, 585-599.	1.2	193
41	DBC1 Is a Suppressor of B Cell Activation by Negatively Regulating Alternative NF- $\kappa$ B Transcriptional Activity. <i>Journal of Immunology</i> , 2014, 193, 5515-5524.	0.8	11
42	IG20/MADD Plays a Critical Role in Glucose-Induced Insulin Secretion. <i>Diabetes</i> , 2014, 63, 1612-1623.	0.6	19
43	MADD Is a Downstream Target of PTEN in Triggering Apoptosis. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 261-270.	2.6	11
44	Identification of a Broad-Spectrum Antiviral Small Molecule against Severe Acute Respiratory Syndrome Coronavirus and Ebola, Hendra, and Nipah Viruses by Using a Novel High-Throughput Screening Assay. <i>Journal of Virology</i> , 2014, 88, 4353-4365.	3.4	98
45	Ad5/48 Hexon Oncolytic Virus Expressing sTGF $\beta$ RIIFc Produces Reduced Hepatic and Systemic Toxicities and Inhibits Prostate Cancer Bone Metastases. <i>Molecular Therapy</i> , 2014, 22, 1504-1517.	8.2	30
46	A novel pancreatic $\beta$ -cell targeting bispecific-antibody (BsAb) can prevent the development of Type 1 diabetes in NOD mice. <i>Clinical Immunology</i> , 2014, 153, 187-198.	3.2	28
47	Down-Modulation of Expression, or Dephosphorylation, of IG20/MADD in Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand-Resistant Thyroid Cancer Cells Makes Them Susceptible to Treatment with This Ligand. <i>Thyroid</i> , 2013, 23, 70-78.	4.5	10
48	OX40/Jagged1 Cosignaling by GM-CSF-Induced Bone Marrow-Derived Dendritic Cells Is Required for the Expansion of Functional Regulatory T Cells. <i>Journal of Immunology</i> , 2013, 190, 5516-5525.	0.8	60
49	MADD Knock-Down Enhances Doxorubicin and TRAIL Induced Apoptosis in Breast Cancer Cells. <i>PLoS ONE</i> , 2013, 8, e56817.	2.5	29
50	Neutralizing human monoclonal antibodies to severe acute respiratory syndrome coronavirus: target, mechanism of action, and therapeutic potential. <i>Reviews in Medical Virology</i> , 2012, 22, 2-17.	8.3	82
51	Control of mitochondrial activity by miRNAs. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 1104-1110.	2.6	113
52	Human Monoclonal Antibodies against Highly Conserved HR1 and HR2 Domains of the SARS-CoV Spike Protein Are More Broadly Neutralizing. <i>PLoS ONE</i> , 2012, 7, e50366.	2.5	168
53	IL-1 $\beta$ Promotes TGF $\beta$ 1 and IL-2 Dependent Foxp3 Expression in Regulatory T Cells. <i>PLoS ONE</i> , 2011, 6, e21949.	2.5	19
54	GM-CSF-induced regulatory T cells selectively inhibit anti-acetylcholine receptor-specific immune responses in experimental myasthenia gravis. <i>Journal of Neuroimmunology</i> , 2011, 240-241, 65-73.	2.3	43

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55	Knockdown of MADD and c-FLIP overcomes resistance to TRAIL-induced apoptosis in ovarian cancer cells. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 205, 362.e12-362.e25.	1.3	20
56	Role of Cytokines in the Pathogenesis and Suppression of Thyroid Autoimmunity. <i>Journal of Interferon and Cytokine Research</i> , 2011, 31, 721-731.	1.2	99
57	Akt-phosphorylated Mitogen-activated Kinase-activating Death Domain Protein (MADD) Inhibits TRAIL-induced Apoptosis by Blocking Fas-associated Death Domain (FADD) Association with Death Receptor 4. <i>Journal of Biological Chemistry</i> , 2010, 285, 22713-22722.	3.4	34
58	Dendritic Cell-Directed CTLA-4 Engagement during Pancreatic Î² Cell Antigen Presentation Delays Type 1 Diabetes. <i>Journal of Immunology</i> , 2010, 184, 6695-6708.	0.8	22
59	miR-30 Regulates Mitochondrial Fission through Targeting p53 and the Dynamin-Related Protein-1 Pathway. <i>PLoS Genetics</i> , 2010, 6, e1000795.	3.5	295
60	GM-CSF-induced, bone-marrow-derived dendritic cells can expand natural Tregs and induce adaptive Tregs by different mechanisms. <i>Journal of Leukocyte Biology</i> , 2010, 89, 235-249.	3.3	92
61	MADD, a Splice Variant of IG20, Is Indispensable for MAPK Activation and Protection against Apoptosis upon Tumor Necrosis Factor-Î± Treatment. <i>Journal of Biological Chemistry</i> , 2009, 284, 13533-13541.	3.4	42
62	Knockdown of <i>IG20</i> Gene Expression Renders Thyroid Cancer Cells Susceptible to Apoptosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 1467-1471.	3.6	16
63	GM-CSF-induced CD11c+CD8a-dendritic cells facilitate Foxp3+ and IL-10+ regulatory T cell expansion resulting in suppression of autoimmune thyroiditis. <i>International Immunology</i> , 2009, 21, 269-282.	4.0	95
64	Human monoclonal antibodies to SARS-coronavirus inhibit infection by different mechanisms. <i>Virology</i> , 2009, 394, 39-46.	2.4	30
65	Modulation of dendritic cells using granulocyte-macrophage colony-stimulating factor (GM-CSF) delays type 1 diabetes by enhancing CD4+CD25+ regulatory T cell function. <i>Clinical Immunology</i> , 2009, 131, 260-270.	3.2	76
66	<i>Strategies for Treating Autoimmunity</i> . <i>Annals of the New York Academy of Sciences</i> , 2008, 1132, 276-282.	3.8	27
67	Regulatory T cells induced by GM-CSF suppress ongoing experimental myasthenia gravis. <i>Clinical Immunology</i> , 2008, 128, 172-180.	3.2	66
68	Role of IG20 Splice Variants in TRAIL Resistance. <i>Clinical Cancer Research</i> , 2008, 14, 347-351.	7.0	19
69	Preferential Costimulation by CD80 Results in IL-10-Dependent TGF-Î²1+-Adaptive Regulatory T Cell Generation. <i>Journal of Immunology</i> , 2008, 180, 6566-6576.	0.8	49
70	Regulation of Apoptosis and Caspase-8 Expression in Neuroblastoma Cells by Isoforms of the <i>IG20</i> Gene. <i>Cancer Research</i> , 2008, 68, 7352-7361.	0.9	23
71	IMMUNOREGULATION OF EXPERIMENTAL MYASTHENIA GRAVIS. <i>FASEB Journal</i> , 2008, 22, 1065.1.	0.5	0
72	Preferential costimulation by CD80 results in IL-10 dependent TGF-Î²1+ adaptive regulatory T cell generation. <i>FASEB Journal</i> , 2008, 22, 405-405.	0.5	0

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73	Enhanced Engagement of CTLA-4 Induces Antigen-Specific CD4+CD25+Foxp3+ and CD4+CD25+ TGF- $\beta$ 1+ Adaptive Regulatory T Cells. <i>Journal of Immunology</i> , 2007, 179, 5191-5203.	0.8	47
74	MADD/DENN Splice Variant of the IG20 Gene Is a Negative Regulator of Caspase-8 Activation. <i>Journal of Biological Chemistry</i> , 2007, 282, 11715-11721.	3.4	30
75	Identification of human cell responses to benzene and benzene metabolites. <i>Genomics</i> , 2007, 90, 324-333.	2.9	51
76	Identification of human cell responses to hexavalent chromium. <i>Environmental and Molecular Mutagenesis</i> , 2007, 48, 650-657.	2.2	29
77	Generation and characterization of human monoclonal neutralizing antibodies with distinct binding and sequence features against SARS coronavirus using XenoMouse $\text{\textcircled{R}}$ . <i>Virology</i> , 2007, 361, 93-102.	2.4	68
78	Autoantibodies in Autoimmune Thyroid Disease. , 2006, , 303-320.		1
79	Suppression of Experimental Autoimmune Myasthenia Gravis by Granulocyte-Macrophage Colony-Stimulating Factor Is Associated with an Expansion of FoxP3+ Regulatory T Cells. <i>Journal of Immunology</i> , 2006, 177, 5296-5306.	0.8	72
80	IL-10-Producing CD4+CD25+ Regulatory T Cells Play a Critical Role in Granulocyte-Macrophage Colony-Stimulating Factor-Induced Suppression of Experimental Autoimmune Thyroiditis. <i>Journal of Immunology</i> , 2005, 174, 7006-7013.	0.8	130
81	DC-SIGN, but not sDC-SIGN, can modulate IL-2 production from PMA- and anti-CD3-stimulated primary human CD4 T cells. <i>International Immunology</i> , 2005, 17, 769-778.	4.0	19
82	Targeted CTLA-4 Engagement Induces CD4+CD25+CTLA-4 <sup>high</sup> T Regulatory Cells with Target (Allo)antigen Specificity. <i>Journal of Immunology</i> , 2004, 173, 2866-2876.	0.8	57
83	IG20, in contrast to DENN-SV, (MADD splice variants) suppresses tumor cell survival, and enhances their susceptibility to apoptosis and cancer drugs. <i>Oncogene</i> , 2004, 23, 1076-1087.	5.9	38
84	IG20 (MADD splice variant-5), a proapoptotic protein, interacts with DR4/DR5 and enhances TRAIL-induced apoptosis by increasing recruitment of FADD and caspase-8 to the DISC. <i>Oncogene</i> , 2004, 23, 6083-6094.	5.9	32
85	Characterization of a Recombinant <i>Yersinia enterocolitica</i> Lipoprotein; Implications for its Role in Autoimmune Response against Thyrotropin Receptor. <i>Autoimmunity</i> , 2004, 37, 515-520.	2.6	12
86	Current Perspective on the Pathogenesis of Graves $\text{\textcircled{TM}}$ Disease and Ophthalmopathy. <i>Endocrine Reviews</i> , 2003, 24, 802-835.	20.1	415
87	Absence of IL-4, and Not Suppression of the Th2 Response, Prevents Development of Experimental Autoimmune Graves $\text{\textcircled{TM}}$ Disease. <i>Journal of Immunology</i> , 2003, 170, 2195-2204.	0.8	54
88	Selective Induction of Dendritic Cells Using Granulocyte Macrophage-Colony Stimulating Factor, But Not fms-Like Tyrosine Kinase Receptor 3-Ligand, Activates Thyroglobulin-Specific CD4+CD25+ T Cells and Suppresses Experimental Autoimmune Thyroiditis. <i>Journal of Immunology</i> , 2003, 170, 5511-5522.	0.8	102
89	Apoptosis and Autoimmune Disorders. <i>Autoimmunity</i> , 2003, 36, 323-330.	2.6	26
90	Targeted engagement of CTLA-4 prevents autoimmune thyroiditis. <i>International Immunology</i> , 2003, 15, 641-654.	4.0	41

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91	Modulation of Dendritic Cell Function and Cytokine Production to Prevent Thyroid Autoimmunity. <i>Autoimmunity</i> , 2003, 36, 389-396.	2.6	14
92	IG20, a MADD splice variant, increases cell susceptibility to gamma-irradiation and induces soluble mediators that suppress tumor cell growth. <i>Cancer Research</i> , 2003, 63, 8768-76.	0.9	16
93	Targeted Delivery of Anti-CTLA-4 Antibody Downregulates T Cell Function in Vitro and in Vivo. <i>Clinical Immunology</i> , 2001, 101, 136-145.	3.2	14
94	Contrasting Effects of IG20 and Its Splice Isoforms, MADD and DENN-SV, on Tumor Necrosis Factor $\alpha$ -induced Apoptosis and Activation of Caspase-8 and -3. <i>Journal of Biological Chemistry</i> , 2001, 276, 47202-47211.	3.4	55
95	Thyrotropin-receptor-mediated diseases: a paradigm for receptor autoimmunity. <i>Trends in Immunology</i> , 1997, 18, 437-442.	7.5	37
96	Differential Reactivities of Recombinant Glycosylated Ectodomains of Mouse and Human Thyrotropin Receptors with Patient Autoantibodies. <i>Endocrinology</i> , 1997, 138, 1559-1566.	2.8	5
97	<i>Yersinia enterocolitica</i> Envelope Proteins that are Crossreactive with the Thyrotropin Receptor (TSHR) also have B-cell Mitogenic Activity. <i>Journal of Autoimmunity</i> , 1996, 9, 509-516.	6.5	22
98	Induction of Hyperthyroxinemia in Balb/C but not in Several Other Strains of Mice. <i>Autoimmunity</i> , 1994, 18, 103-112.	2.6	36
99	Analysis of Autoantibody Reactivity in Patients with Graves' Disease Using Recombinant Extracellular Domain of the Human Thyrotropin Receptor and Synthetic Peptides. <i>Autoimmunity</i> , 1993, 15, 285-291.	2.6	14
100	Induction of Tsh Binding Inhibitory Immunoglobulins with the Extracellular Domain of Human Thyrotropin Receptor Produced Using Baculovirus Expression System. <i>Autoimmunity</i> , 1993, 14, 315-320.	2.6	58
101	Molecular Basis for the Autoreactivity Against Thyroid Stimulating Hormone Receptor. <i>International Reviews of Immunology</i> , 1992, 9, 135-165.	3.3	46