

# Nitin J Karandikar

## List of Publications by Year in descending order

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96  
papers

5,785  
citations

109264

35  
h-index

76872

74  
g-index

99  
all docs

99  
docs citations

99  
times ranked

8149  
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of CD57 defines replicative senescence and antigen-induced apoptotic death of CD8+ T cells. <i>Blood</i> , 2003, 101, 2711-2720.	0.6	887
2	Transient regulatory T-cells: A state attained by all activated human T-cells. <i>Clinical Immunology</i> , 2007, 123, 18-29.	1.4	310
3	Blockade of CD28/B7-1 interaction prevents epitope spreading and clinical relapses of murine EAE. <i>Immunity</i> , 1995, 3, 739-745.	6.6	306
4	The oligodendrocyte-specific G protein-coupled receptor GPR17 is a cell-intrinsic timer of myelination. <i>Nature Neuroscience</i> , 2009, 12, 1398-1406.	7.1	277
5	High prevalence of autoreactive, neuroantigen-specific CD8+ T cells in multiple sclerosis revealed by novel flow cytometric assay. <i>Blood</i> , 2004, 103, 4222-4231.	0.6	229
6	Somatic mutations in DROSHA and DICER1 impair microRNA biogenesis through distinct mechanisms in Wilms tumours. <i>Nature Communications</i> , 2014, 5, 4802.	5.8	192
7	A Novel Approach to the Analysis of Specificity, Clonality, and Frequency of HIV-Specific T Cell Responses Reveals a Potential Mechanism for Control of Viral Escape. <i>Journal of Immunology</i> , 2002, 168, 3099-3104.	0.4	190
8	Therapeutic Induction of Regulatory, Cytotoxic CD8+ T Cells in Multiple Sclerosis. <i>Journal of Immunology</i> , 2006, 176, 7119-7129.	0.4	190
9	Decrease in the Numbers of Dendritic Cells and CD4+ T Cells in Cerebral Perivascular Spaces Due to Natalizumab. <i>Archives of Neurology</i> , 2008, 65, 1596.	4.9	179
10	Elucidation of seventeen human peripheral blood B cell subsets and quantification of the tetanus response using a density-based method for the automated identification of cell populations in multidimensional flow cytometry data. <i>Cytometry Part B - Clinical Cytometry</i> , 2010, 78B, S69-82.	0.7	178
11	Glatiramer acetate (Copaxone) therapy induces CD8+ T cell responses in patients with multiple sclerosis. <i>Journal of Clinical Investigation</i> , 2002, 109, 641-649.	3.9	174
12	Memory B cells from a subset of treatment-naïve relapsing-remitting multiple sclerosis patients elicit CD4 <sup>+</sup> T cell proliferation and IFN- $\gamma$ production in response to myelin basic protein and myelin oligodendrocyte glycoprotein. <i>European Journal of Immunology</i> , 2010, 40, 2942-2956.	1.6	114
13	The mechanism of action of glatiramer acetate treatment in multiple sclerosis. <i>Neurology</i> , 2010, 74, S25-30.	1.5	107
14	Rituximab dosing and monitoring strategies in neuromyelitis optica patients: creating strategies for therapeutic success. <i>Multiple Sclerosis Journal</i> , 2012, 18, 1022-1026.	1.4	105
15	Flow Cytometric Analysis of Monocytes as a Tool for Distinguishing Chronic Myelomonocytic Leukemia From Reactive Monocytosis. <i>American Journal of Clinical Pathology</i> , 2005, 124, 799-806.	0.4	100
16	Transient Myeloproliferative Disorder and Acute Myeloid Leukemia in Down Syndrome. <i>American Journal of Clinical Pathology</i> , 2001, 116, 204-210.	0.4	99
17	The role of CTLA-4 in induction and maintenance of peripheral T cell tolerance. <i>European Journal of Immunology</i> , 2002, 32, 972-981.	1.6	98
18	Immunophenotypic Differentiation Between Neoplastic Plasma Cells in Mature B-Cell Lymphoma vs Plasma Cell Myeloma. <i>American Journal of Clinical Pathology</i> , 2007, 127, 176-181.	0.4	92

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19	Characterization of Immunophenotypic Aberrancies in 200 Cases of B Acute Lymphoblastic Leukemia. <i>American Journal of Clinical Pathology</i> , 2009, 132, 940-949.	0.4	83
20	Glatiramer acetate (Copaxone) therapy induces CD8+ T cell responses in patients with multiple sclerosis. <i>Journal of Clinical Investigation</i> , 2002, 109, 641-649.	3.9	83
21	<i>Prevotella histicola</i> , A Human Gut Commensal, Is as Potent as COPAXONE® in an Animal Model of Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2019, 10, 462.	2.2	82
22	Differential dysfunction in dendritic cell subsets during chronic HCV infection. <i>Clinical Immunology</i> , 2007, 123, 40-49.	1.4	72
23	Immune regulatory CNS-reactive CD8+T cells in experimental autoimmune encephalomyelitis. <i>Journal of Autoimmunity</i> , 2010, 35, 33-44.	3.0	71
24	CD8+ T-Cells as Immune Regulators of Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2015, 6, 619.	2.2	69
25	Neuroantigen-specific CD8+ regulatory T-cell function is deficient during acute exacerbation of multiple sclerosis. <i>Journal of Autoimmunity</i> , 2011, 36, 115-124.	3.0	68
26	Simple karyotype and bcl-6 expression predict a diagnosis of Burkitt lymphoma and better survival in IG-MYC rearranged high-grade B-cell lymphomas. <i>Modern Pathology</i> , 2010, 23, 909-920.	2.9	55
27	CTLA-4 downregulates epitope spreading and mediates remission in relapsing experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , 2000, 109, 173-180.	1.1	53
28	Immune regulation of multiple sclerosis by CD8+ T cells. <i>Immunologic Research</i> , 2014, 59, 254-265.	1.3	50
29	Targeting the B7/CD28:CTLA-4 costimulatory system in CNS autoimmune disease. <i>Journal of Neuroimmunology</i> , 1998, 89, 10-18.	1.1	49
30	Stability of Leukemia-Associated Immunophenotypes in Precursor B-Lymphoblastic Leukemia/Lymphoma. <i>American Journal of Clinical Pathology</i> , 2007, 127, 39-46.	0.4	48
31	Disease exacerbation of multiple sclerosis is characterized by loss of terminally differentiated autoregulatory CD8+ T cells. <i>Clinical Immunology</i> , 2014, 152, 115-126.	1.4	46
32	The Disease-Ameliorating Function of Autoregulatory CD8 T Cells Is Mediated by Targeting of Encephalitogenic CD4 T Cells in Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2013, 191, 117-126.	0.4	44
33	Treatment with intact anti-B7-1 mAb during disease remission enhances epitope spreading and exacerbates relapses in R-EAE. <i>Journal of Neuroimmunology</i> , 1997, 79, 113-118.	1.1	43
34	Human regulatory T cells: A unique, stable thymic subset or a reversible peripheral state of differentiation?. <i>Immunology Letters</i> , 2007, 114, 9-15.	1.1	39
35	Multiparameter Flow Cytometric Analysis Reveals Low Percentage of Bone Marrow Hematogones in Myelodysplastic Syndromes. <i>American Journal of Clinical Pathology</i> , 2008, 129, 300-308.	0.4	39
36	Flow cytometric features of angioimmunoblastic T-cell lymphoma. <i>Cytometry Part B - Clinical Cytometry</i> , 2006, 70B, 142-148.	0.7	37

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37	Attack on the clones? Human FOXP3 detection by PCH101, 236A/E7, 206D, and 259D reveals 259D as the outlier with lower sensitivity. <i>Blood</i> , 2008, 111, 463-464.	0.6	36
38	CD8+ T Cells Are Required For Glatiramer Acetate Therapy in Autoimmune Demyelinating Disease. <i>PLoS ONE</i> , 2013, 8, e66772.	1.1	33
39	CTLA-4 Regulates Expansion and Differentiation of Th1 Cells Following Induction of Peripheral T Cell Tolerance. <i>Journal of Immunology</i> , 2004, 172, 7442-7450.	0.4	30
40	Glatiramer acetate (GA) therapy induces a focused, oligoclonal CD8+ T-cell repertoire in multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2006, 180, 159-171.	1.1	30
41	Transient Stress Lymphocytosis. <i>American Journal of Clinical Pathology</i> , 2002, 117, 819-825.	0.4	29
42	Notch1 in primary effusion lymphoma: a clinicopathological study. <i>Modern Pathology</i> , 2010, 23, 773-780.	2.9	29
43	Overexpression of CD7 in classical Hodgkin lymphomaâ€infiltrating T lymphocytes. <i>Cytometry Part B - Clinical Cytometry</i> , 2009, 76B, 169-174.	0.7	28
44	Unusual immunophenotype of CD8+ T cells in familial hemophagocytic lymphohistiocytosis. <i>Blood</i> , 2004, 104, 2007-2009.	0.6	25
45	Differential Usefulness of Various Markers in the Flow Cytometric Detection of Paroxysmal Nocturnal Hemoglobinuria in Blood and Bone Marrow. <i>American Journal of Clinical Pathology</i> , 2006, 126, 781-788.	0.4	24
46	Immunophenotypic studies of monoclonal gammopathy of undetermined significance. <i>BMC Clinical Pathology</i> , 2008, 8, 13.	1.8	24
47	Immunologic Mechanisms of Multiple Sclerosis. <i>Neuroimaging Clinics of North America</i> , 2008, 18, 577-588.	0.5	24
48	Significant CD5 Expression on Normal Stage 3 Hematogones and Mature B Lymphocytes in Bone Marrow. <i>American Journal of Clinical Pathology</i> , 2009, 132, 733-737.	0.4	23
49	Implementation of Epic Beaker Clinical Pathology at an academic medical center. <i>Journal of Pathology Informatics</i> , 2016, 7, 7.	0.8	23
50	Phenotypic characterization of autoreactive T cells in multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2006, 178, 100-110.	1.1	22
51	Bright CD38 expression is an indicator ofMYCrearrangement. <i>Leukemia and Lymphoma</i> , 2009, 50, 1054-1057.	0.6	22
52	Neuroantigen-Specific Autoregulatory CD8+ T Cells Inhibit Autoimmune Demyelination through Modulation of Dendritic Cell Function. <i>PLoS ONE</i> , 2014, 9, e105763.	1.1	22
53	Human Commensal <i>Prevotella histicola</i> Ameliorates Disease as Effectively as Interferon-Beta in the Experimental Autoimmune Encephalomyelitis. <i>Frontiers in Immunology</i> , 2020, 11, 578648.	2.2	22
54	Haematogones in the peripheral blood of adults: a four-colour flow cytometry study of 102 patients. <i>British Journal of Haematology</i> , 2004, 126, 209-212.	1.2	21

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55	Acquired Glanzmann's thrombasthenia as part of multiple-autoantibody syndrome in a pediatric heart transplant patient. <i>Journal of Pediatrics</i> , 2004, 144, 672-674.	0.9	21
56	Acute myeloid leukemia with inv(16) with CBFβ-MYH11, 3q22 CBFβ deletion, variant t(9;22) with BCR-ABL1, and del(7)(q22q32) in a pediatric patient: case report and literature review. <i>Cancer Genetics and Cytogenetics</i> , 2010, 200, 54-59.	1.0	21
57	Unusual presentation of myeloid sarcoma in a case of acute promyelocytic leukemia with a cryptic PML-RARA rearrangement involving multiple sites including the atrium. <i>Cancer Genetics and Cytogenetics</i> , 2010, 200, 47-53.	1.0	21
58	Modulation of immune function occurs within hours of therapy initiation for multiple sclerosis. <i>Clinical Immunology</i> , 2013, 147, 105-119.	1.4	21
59	CD4 T cell-intrinsic role for the T helper 17 signature cytokine IL-17: Effector resistance to immune suppression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19408-19414.	3.3	21
60	Preliminary results in the analysis of the immune response after aneurysmal subarachnoid hemorrhage. <i>Scientific Reports</i> , 2020, 10, 11809.	1.6	19
61	A method for histopathological study of the multifocal nature of spinal cord lesions in murine experimental autoimmune encephalomyelitis. <i>PeerJ</i> , 2016, 4, e1600.	0.9	18
62	IL-21 promotes the production of anti-DNA IgG but is dispensable for kidney damage in <i>lym</i> mice. <i>European Journal of Immunology</i> , 2013, 43, 382-393.	1.6	17
63	Clinical responders to antiviral therapy of chronic HCV infection show elevated antiviral CD4+ and CD8+ T-cell responses. <i>Journal of Viral Hepatitis</i> , 2007, 14, 318-329.	1.0	16
64	A 3-way collision tumor of the upper respiratory tract: a composite of 2 immunophenotypically distinct mantle cell lymphomas and a plasmacytoma. <i>Human Pathology</i> , 2008, 39, 781-787.	1.1	16
65	High incidence of <i>IDH</i> mutations in acute myeloid leukaemia with cuplike nuclei. <i>British Journal of Haematology</i> , 2011, 155, 125-128.	1.2	16
66	Autoregulatory CD8 T cells depend on cognate antigen recognition and CD4/CD8 myelin determinants. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2015, 2, e170.	3.1	16
67	Acute megakaryoblastic leukemia associated with trisomy 21 demonstrates a distinct immunophenotype. , 2015, 88, 244-252.		16
68	Scoring disease in an animal model of multiple sclerosis using a novel infrared-based automated activity-monitoring system. <i>Scientific Reports</i> , 2019, 9, 19194.	1.6	16
69	CD28 <sup>hi</sup> CD57 <sup>+</sup> T cells predominate in CD8 responses to glatiramer acetate. <i>Journal of Neuroimmunology</i> , 2006, 178, 117-129.	1.1	14
70	Clonal composition of neuroantigen-specific CD8+ and CD4+ T-cells in multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2011, 234, 131-140.	1.1	14
71	Acute Megakaryoblastic Leukemia Associated with Trisomy 21 Demonstrates a Distinct Immunophenotype. , 2014, , n/a-n/a.		12
72	Suppression of autoimmune demyelinating disease by preferential stimulation of CNS-specific CD8 T cells using <i>Listeria</i> -encoded neuroantigen. <i>Scientific Reports</i> , 2017, 7, 1519.	1.6	12

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73	An autoimmune disease risk SNP, rs2281808, in SIRPG is associated with reduced expression of SIRP <sup>3</sup> and heightened effector state in human CD8 T-cells. <i>Scientific Reports</i> , 2018, 8, 15440.	1.6	12
74	Degenerate antigen recognition by CD4+ effector T cells in experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , 1997, 75, 156-162.	1.1	11
75	Using Focused Laboratory Management and Quality Improvement Projects to Enhance Resident Training and Foster Scholarship. <i>Academic Pathology</i> , 2017, 4, 2374289517722152.	0.7	10
76	Early IFN <sup>3</sup> -Mediated and Late Perforin-Mediated Suppression of Pathogenic CD4 T Cell Responses Are Both Required for Inhibition of Demyelinating Disease by CNS-Specific Autoregulatory CD8 T Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2336.	2.2	10
77	In Vitro Methotrexate as a Practical Approach to Selective Allodepletion. <i>Biology of Blood and Marrow Transplantation</i> , 2007, 13, 644-654.	2.0	9
78	Distinct immunophenotype of early T-cell progenitors in T lymphoblastic leukemia/lymphoma may predict FMS-like tyrosine kinase 3 mutations. <i>Annals of Diagnostic Pathology</i> , 2012, 16, 16-20.	0.6	9
79	Leukemic Transdifferentiation of Follicular Lymphoma Into an Acute Histiocytic Leukemia in a 52-Year-Old Caucasian Woman. <i>Laboratory Medicine</i> , 2016, 47, 155-157.	0.8	9
80	Viral Interactions with B-Cells Contribute to Increased Regulatory T-Cells During Chronic HCV Infection. <i>Viral Immunology</i> , 2011, 24, 119-129.	0.6	8
81	Novel B cell-dependent multiple sclerosis model using extracellular domains of myelin proteolipid protein. <i>Scientific Reports</i> , 2020, 10, 5011.	1.6	8
82	Implementation of Epic Beaker Anatomic Pathology at an Academic Medical Center. <i>Journal of Pathology Informatics</i> , 2017, 8, 47.	0.8	8
83	Induction of regulatory T-cells from memory T-cells is perturbed during acute exacerbation of multiple sclerosis. <i>Clinical Immunology</i> , 2016, 166-167, 12-18.	1.4	6
84	Flow cytometric aberrancies in plasma cell myeloma and MGUS – correlation with laboratory parameters. <i>Cytometry Part B - Clinical Cytometry</i> , 2018, 94, 500-508.	0.7	6
85	Autoimmunity-associated intronic SNP (rs2281808) detected by a simple phenotypic assay: Unique case or broader opportunity?. <i>Clinical Immunology</i> , 2019, 198, 57-61.	1.4	6
86	Tumor Necrosis Factor Receptor 1 Expression Is Upregulated in Dendritic Cells in Patients with Chronic HCV Who Respond to Therapy. <i>Hepatitis Research and Treatment</i> , 2010, 2010, 1-10.	2.0	5
87	Immunophenotypic Heterogeneity of Polytypic Plasma Cells and the Impact on Myeloma Minimal Residual Disease Detection by Multiparameter Flow Cytometry. <i>Cytometry Part B - Clinical Cytometry</i> , 2019, 96, 310-318.	0.7	5
88	IL-12-Induced Immune Suppressive Deficit During CD8+ T-Cell Differentiation. <i>Frontiers in Immunology</i> , 2020, 11, 568630.	2.2	5
89	Altered expression of SIRP <sup>3</sup> on the T-cells of relapsing remitting multiple sclerosis and type 1 diabetes patients could potentiate effector responses from T-cells. <i>PLoS ONE</i> , 2020, 15, e0238070.	1.1	5
90	Presenilin1 regulates Th1 and Th17 effector responses but is not required for experimental autoimmune encephalomyelitis. <i>PLoS ONE</i> , 2018, 13, e0200752.	1.1	4

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91	Therapeutic intervention in relapsing autoimmune demyelinating disease through induction of myelin-specific regulatory CD8 T cell responses. <i>Journal of Translational Autoimmunity</i> , 2019, 2, 100010.	2.0	4
92	A Functionally Distinct CXCR3+/ <i>IFN-<math>\gamma</math></i> +/ <i>IL-10</i> + Subset Defines Disease-Suppressive Myelin-Specific CD8 T Cells. <i>Journal of Immunology</i> , 2021, 206, 1151-1160.	0.4	4
93	Multiparameter Flow Cytometric Assays to Quantify Effector and Regulatory T-Cell Function in Multiple Sclerosis. <i>Journal of Multiple Sclerosis</i> , 2014, 02, .	0.1	3
94	Immune Autoregulatory CD8 T Cells Require <i>IFN-<math>\gamma</math></i> Responsiveness to Optimally Suppress Central Nervous System Autoimmunity. <i>Journal of Immunology</i> , 2020, 205, 359-368.	0.4	3
95	Glatiramer Acetate Therapy: The Plot Thickens. <i>Archives of Neurology</i> , 2005, 62, 858-9.	4.9	0
96	In Vitro Methotrexate: A Practical Approach to Selective Alodepletion.. <i>Blood</i> , 2006, 108, 5181-5181.	0.6	0