Shannon J Turley

List of Publications by Year
in descending order

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69 papers	17,379 citations	36303 51 h-index	98798 67 g-index

74 all docs	74 docs citations	74 times ranked	24458 citing authors

#	Article	IF	Citations
1	TGFÎ² attenuates tumour response to PD-L1 blockade by contributing to exclusion of T cells. Nature, 2018, 554, 544-548.	27.8	3,359
2	Gene-expression profiles and transcriptional regulatory pathways that underlie the identity and diversity of mouse tissue macrophages. Nature Immunology, 2012, 13, 1118-1128.	14.5	1,731
3	The Immunological Genome Project: networks of gene expression in immune cells. Nature Immunology, 2008, 9, 1091-1094.	14.5	1,576
4	Immunological hallmarks of stromal cells in the tumour microenvironment. Nature Reviews Immunology, 2015, 15, 669-682.	22.7	850
5	Deciphering the transcriptional network of the dendritic cell lineage. Nature Immunology, 2012, 13, 888-899.	14.5	688
6	Single-Cell RNA Sequencing Reveals Stromal Evolution into LRRC15+ Myofibroblasts as a Determinant of Patient Response to Cancer Immunotherapy. Cancer Discovery, 2020, 10, 232-253.	9.4	466
7	Cross-tissue organization of the fibroblast lineage. Nature, 2021, 593, 575-579.	27.8	463
8	Th17 Cells Induce Ectopic Lymphoid Follicles in Central Nervous System Tissue Inflammation. Immunity, 2011, 35, 986-996.	14.3	421
9	TGFÎ² biology in cancer progression and immunotherapy. Nature Reviews Clinical Oncology, 2021, 18, 9-34.	27.6	420
10	Transcriptional profiling of stroma from inflamed and resting lymph nodes defines immunological hallmarks. Nature Immunology, 2012, 13, 499-510.	14.5	416
11	Peripheral antigen display by lymph node stroma promotes T cell tolerance to intestinal self. Nature Immunology, 2007, 8, 181-190.	14.5	315
12	Physiological Î² Cell Death Triggers Priming of Self-reactive T Cells by Dendritic Cells in a Type-1 Diabetes Model. Journal of Experimental Medicine, 2003, 198, 1527-1537.	8.5	314
13	Lymph node fibroblastic reticular cells directly present peripheral tissue antigen under steady-state and inflammatory conditions. Journal of Experimental Medicine, 2010, 207, 689-697.	8.5	292
14	Podoplanin: emerging functions in development, the immune system, and cancer. Frontiers in Immunology, 2012, 3, 283.	4.8	288
15	Dendritic cells control fibroblastic reticular network tension and lymph node expansion. Nature, 2014, 514, 498-502.	27.8	264
16	Regulated release of nitric oxide by nonhematopoietic stroma controls expansion of the activated T cell pool in lymph nodes. Nature Immunology, 2011, 12, 1096-1104.	14.5	260
17	Podoplanin-Rich Stromal Networks Induce Dendritic Cell Motility via Activation of the C-type Lectin Receptor CLEC-2. Immunity, 2012, 37, 276-289.	14.3	256
18	B cell homeostasis and follicle confines are governed by fibroblastic reticular cells. Nature Immunology, 2014, 15, 973-981.	14.5	237

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19	Capture of influenza by medullary dendritic cells via SIGN-R1 is essential for humoral immunity in draining lymph nodes. Nature Immunology, 2010, 11, 427-434.	14.5	235
20	The CLEC-2â€“podoplanin axis controls the contractility of fibroblastic reticular cells and lymph node microarchitecture. Nature Immunology, 2015, 16, 75-84.	14.5	233
21	Fibroblasts as immune regulators in infection, inflammation and cancer. Nature Reviews Immunology, 2021, 21, 704-717.	22.7	229
22	Reproducible Isolation of Lymph Node Stromal Cells Reveals Site-Dependent Differences in Fibroblastic Reticular Cells. Frontiers in Immunology, 2011, 2, 35.	4.8	214
23	Distinct Mesenchymal Cell Populations Generate the Essential Intestinal BMP Signaling Gradient. Cell Stem Cell, 2020, 26, 391-402.e5.	11.1	211
24	Lymph node stromal cells: cartographers of the immune system. Nature Immunology, 2020, 21, 369-380.	14.5	198
25	Integration of Th17- and Lymphotoxin-Derived Signals Initiates Meningeal-Resident Stromal Cell Remodeling to Propagate Neuroinflammation. Immunity, 2015, 43, 1160-1173.	14.3	176
26	Single-cell dissection of cellular components and interactions shaping the tumor immune phenotypes in ovarian cancer. Cancer Cell, 2021, 39, 928-944.e6.	16.8	158
27	Mesothelial cell-derived antigen-presenting cancer-associated fibroblasts induce expansion of regulatory TÂcells in pancreatic cancer. Cancer Cell, 2022, 40, 656-673.e7.	16.8	155
28	Endocrine self and gut non-self intersect in the pancreatic lymph nodes. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 17729-17733.	7.1	152
29	The stromal and haematopoietic antigen-presenting cells that reside in secondary lymphoid organs. Nature Reviews Immunology, 2010, 10, 813-825.	22.7	151
30	Fibroblast-macrophage reciprocal interactions in health, fibrosis, and cancer. Immunity, 2021, 54, 903-915.	14.3	147
31	DC-SIGN+ Macrophages Control the Induction of Transplantation Tolerance. Immunity, 2015, 42, 1143-1158.	14.3	144
32	Stromal infrastructure of the lymph node and coordination of immunity. Trends in Immunology, 2015, 36, 30-39.	6.8	143
33	Deaf1 isoforms control the expression of genes encoding peripheral tissue antigens in the pancreatic lymph nodes during type 1 diabetes. Nature Immunology, 2009, 10, 1026-1033.	14.5	134
34	Stromal and hematopoietic cells in secondary lymphoid organs: partners in immunity. Immunological Reviews, 2013, 251, 160-176.	6.0	133
35	FAP Delineates Heterogeneous and Functionally Divergent Stromal Cells in Immune-Excluded Breast Tumors. Cancer Immunology Research, 2018, 6, 1472-1485.	3.4	131
36	Mutations in G protein Î² subunits promote transformation and kinase inhibitor resistance. Nature Medicine, 2015, 21, 71-75.	30.7	106

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37	A Stromal Niche Defined by Expression of the Transcription Factor WT1 Mediates Programming and Homeostasis of Cavity-Resident Macrophages. Immunity, 2019, 51, 119-130.e5.	14.3	105
38	Lymph node stroma broaden the peripheral tolerance paradigm. Trends in Immunology, 2011, 32, 12-18.	6.8	102
39	Fibroblastic Reticular Cells: Organization and Regulation of the T Lymphocyte Life Cycle. Journal of Immunology, 2015, 194, 1389-1394.	0.8	99
40	Integrated digital pathology and transcriptome analysis identifies molecular mediators of T-cell exclusion in ovarian cancer. Nature Communications, 2020, 11, 5583.	12.8	99
41	Topological Small-World Organization of the Fibroblastic Reticular Cell Network Determines Lymph Node Functionality. PLoS Biology, 2016, 14, e1002515.	5.6	96
42	Tumor Elastography and Its Association with Collagen and the Tumor Microenvironment. Clinical Cancer Research, 2018, 24, 4455-4467.	7.0	88
43	A short field guide to fibroblast function in immunity. Seminars in Immunology, 2018, 35, 48-58.	5.6	87
44	The human lymph node microenvironment unilaterally regulates T-cell activation and differentiation. PLoS Biology, 2018, 16, e2005046.	5.6	78
45	Trans-nodal migration of resident dendritic cells into medullary interfollicular regions initiates immunity to influenza vaccine. Journal of Experimental Medicine, 2014, 211, 1611-1621.	8.5	76
46	Testosterone is an endogenous regulator of BAFF and splenic B cell number. Nature Communications, 2018, 9, 2067.	12.8	66
47	The Immunoglobulin Superfamily Receptome Defines Cancer-Relevant Networks Associated with Clinical Outcome. Cell, 2020, 182, 329-344.e19.	28.9	66
48	The Tumor Microenvironment Shapes Lineage, Transcriptional, and Functional Diversity of Infiltrating Myeloid Cells. Cancer Immunology Research, 2014, 2, 655-667.	3.4	63
49	A Potent Pan-TGFÎ² Neutralizing Monoclonal Antibody Elicits Cardiovascular Toxicity in Mice and Cynomolgus Monkeys. Toxicological Sciences, 2020, 175, 24-34.	3.1	62
50	Dendritic cells: inciting and inhibiting autoimmunity. Current Opinion in Immunology, 2002, 14, 765-770.	5.5	61
51	IgE/FcÎµRI-Mediated Antigen Cross-Presentation by Dendritic Cells Enhances Anti-Tumor Immune Responses. Cell Reports, 2015, 10, 1487-1495.	6.4	61
52	Macrophage Death following Influenza Vaccination Initiates the Inflammatory Response that Promotes Dendritic Cell Function in the Draining Lymph Node. Cell Reports, 2017, 18, 2427-2440.	6.4	61
53	ImmGen at 15. Nature Immunology, 2020, 21, 700-703.	14.5	55
54	Fibroblastic reticular cells enhance T cell metabolism and survival via epigenetic remodeling. Nature Immunology, 2019, 20, 1668-1680.	14.5	53

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55	A Platform for Extracellular Interactome Discovery Identifies Novel Functional Binding Partners for the Immune Receptors B7-H3/CD276 and PVR/CD155. Molecular and Cellular Proteomics, 2019, 18, 2310-2323.	3.8	51
56	Gremlin 1+ fibroblastic niche maintains dendritic cell homeostasis in lymphoid tissues. Nature Immunology, 2021, 22, 571-585.	14.5	44
57	Lymph node fibroblastic reticular cell transplants show robust therapeutic efficacy in high-mortality murine sepsis. Science Translational Medicine, 2014, 6, 249ra109.	12.4	39
58	Mechanosensing by Peyerâ€™s patch stroma regulates lymphocyte migration and mucosal antibody responses. Nature Immunology, 2019, 20, 1506-1516.	14.5	37
59	Homeostatic functions of monocytes and interstitial lung macrophages are regulated via collagen domain-binding receptor LAIR1. Immunity, 2021, 54, 1511-1526.e8.	14.3	35
60	IL-1R1â€“dependent signaling coordinates epithelial regeneration in response to intestinal damage. Science Immunology, 2021, 6, .	11.9	31
61	Fibroblastâ€derived ILâ€33 is dispensable for lymph node homeostasis but critical for CD8 Tâ€cell responses to acute and chronic viral infection. European Journal of Immunology, 2021, 51, 76-90.	2.9	24
62	A birdâ€™s eye view of fibroblast heterogeneity: A panâ€disease, panâ€cancer perspective. Immunological Reviews, 2021, 302, 299-320.	6.0	23
63	Hepatic immune regulation by stromal cells. Current Opinion in Immunology, 2015, 32, 1-6.	5.5	22
64	The neutrophil protein CD177 is a novel PDPN receptor that regulates human cancer-associated fibroblast physiology. PLoS ONE, 2021, 16, e0260800.	2.5	9
65	Neutrophils Follow Stromal Omens to Limit Peritoneal Inflammation. Immunity, 2020, 52, 578-580.	14.3	5
66	Chemokine 'grooming' by cLECs directs DC migration. Nature Immunology, 2014, 15, 595-596.	14.5	4
67	Who am I? (reâ€)Defining fibroblast identity and immunological function in the age of bioinformatics. Immunological Reviews, 2021, 302, 5-9.	6.0	3
68	Editorial overview: Functional interaction of lymphocytes. Current Opinion in Immunology, 2020, 64, v-vi.	5.5	0
69	Antigen presentation by lymph node stroma: Potential for tolerogenic immunotherapy. FASEB Journal, 2008, 22, 474-474.	0.5	0