

Daniel F Legler

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85
papers

6,390
citations

34
h-index

79
g-index

88
ext. papers

7,302
ext. citations

7.7
avg, IF

5.49
L-index

#	Paper	IF	Citations
85	The CXC chemokine SDF-1 is the ligand for LESTR/fusin and prevents infection by T-cell-line-adapted HIV-1. <i>Nature</i> , 1996 , 382, 833-5	50.4	1478
84	B cell-attracting chemokine 1, a human CXC chemokine expressed in lymphoid tissues, selectively attracts B lymphocytes via BLR1/CXCR5. <i>Journal of Experimental Medicine</i> , 1998 , 187, 655-60	16.6	631
83	Recruitment of TNF receptor 1 to lipid rafts is essential for TNFalpha-mediated NF-kappaB activation. <i>Immunity</i> , 2003 , 18, 655-64	32.3	369
82	Interstitial dendritic cell guidance by haptotactic chemokine gradients. <i>Science</i> , 2013 , 339, 328-32	33.3	365
81	CARMA1 is a critical lipid raft-associated regulator of TCR-induced NF-kappa B activation. <i>Nature Immunology</i> , 2002 , 3, 836-43	19.1	301
80	The chemokine SLC is expressed in T cell areas of lymph nodes and mucosal lymphoid tissues and attracts activated T cells via CCR7. <i>European Journal of Immunology</i> , 1998 , 28, 2025-34	6.1	265
79	Immobilized chemokine fields and soluble chemokine gradients cooperatively shape migration patterns of dendritic cells. <i>Immunity</i> , 2010 , 32, 703-13	32.3	232
78	CCL19/CCL21-triggered signal transduction and migration of dendritic cells requires prostaglandin E2. <i>Blood</i> , 2004 , 103, 1595-601	2.2	195
77	Prostaglandin E2 at new glance: novel insights in functional diversity offer therapeutic chances. <i>International Journal of Biochemistry and Cell Biology</i> , 2010 , 42, 198-201	5.6	170
76	Prostaglandin E2 is generally required for human dendritic cell migration and exerts its effect via EP2 and EP4 receptors. <i>Journal of Immunology</i> , 2006 , 176, 966-73	5.3	159
75	Identification of CCR8, the receptor for the human CC chemokine I-309. <i>Journal of Biological Chemistry</i> , 1997 , 272, 17251-4	5.4	144
74	PrPc capping in T cells promotes its association with the lipid raft proteins reggie-1 and reggie-2 and leads to signal transduction. <i>FASEB Journal</i> , 2004 , 18, 1731-3	0.9	118
73	Common and biased signaling pathways of the chemokine receptor CCR7 elicited by its ligands CCL19 and CCL21 in leukocytes. <i>Journal of Leukocyte Biology</i> , 2016 , 99, 869-82	6.5	102
72	Differential insertion of GPI-anchored GFPs into lipid rafts of live cells. <i>FASEB Journal</i> , 2005 , 19, 73-5	0.9	102
71	Changing responsiveness to chemokines allows medullary plasmablasts to leave lymph nodes. <i>European Journal of Immunology</i> , 2001 , 31, 609-16	6.1	100
70	Opposite fate of endocytosed CCR7 and its ligands: recycling versus degradation. <i>Journal of Immunology</i> , 2006 , 177, 2314-23	5.3	97
69	Prostaglandin E(2) enhances T-cell proliferation by inducing the costimulatory molecules OX40L, CD70, and 4-1BBL on dendritic cells. <i>Blood</i> , 2009 , 113, 2451-60	2.2	80

68	Activation-dependent modulation of B lymphocyte migration to chemokines. <i>International Immunology</i> , 2000 , 12, 1285-92	4.9	75
67	Expression of high- and low-affinity receptors for C3a on the human mast cell line, HMC-1. <i>European Journal of Immunology</i> , 1996 , 26, 753-8	6.1	72
66	Inflammation-Induced CCR7 Oligomers Form Scaffolds to Integrate Distinct Signaling Pathways for Efficient Cell Migration. <i>Immunity</i> , 2016 , 44, 59-72	32.3	65
65	Role of Mechanotransduction and Tension in T Cell Function. <i>Frontiers in Immunology</i> , 2018 , 9, 2638	8.4	64
64	On the move: endocytic trafficking in cell migration. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 2119-34	30.3	59
63	The beta1 and beta3 integrins promote T cell receptor-mediated cytotoxic T lymphocyte activation. <i>Journal of Biological Chemistry</i> , 2003 , 278, 26983-91	5.4	55
62	Prostaglandin E2 is a key factor for monocyte-derived dendritic cell maturation: enhanced T cell stimulatory capacity despiteIDO. <i>Journal of Leukocyte Biology</i> , 2007 , 82, 1106-14	6.5	53
61	CCR7: roles in cancer cell dissemination, migration and metastasis formation. <i>International Journal of Biochemistry and Cell Biology</i> , 2014 , 54, 78-82	5.6	49
60	Distinct CCR7 glycosylation pattern shapes receptor signaling and endocytosis to modulate chemotactic responses. <i>Journal of Leukocyte Biology</i> , 2016 , 99, 993-1007	6.5	46
59	Preformed reggie/flotillin caps: stable priming platforms for macrodomain assembly in T cells. <i>FASEB Journal</i> , 2006 , 20, 711-3	0.9	45
58	New insights in chemokine signaling. <i>F1000Research</i> , 2018 , 7, 95	3.6	43
57	Distinct motifs in the chemokine receptor CCR7 regulate signal transduction, receptor trafficking and chemotaxis. <i>Journal of Cell Science</i> , 2008 , 121, 2759-67	5.3	41
56	Chemokines: Chemistry, Biochemistry and Biological Function. <i>Chimia</i> , 2016 , 70, 856-859	1.3	41
55	Soluble major histocompatibility complex-peptide octamers with impaired CD8 binding selectively induce Fas-dependent apoptosis. <i>Journal of Biological Chemistry</i> , 2003 , 278, 4500-9	5.4	39
54	V domain of RAGE interacts with AGEs on prostate carcinoma cells. <i>Prostate</i> , 2008 , 68, 748-58	4.2	38
53	CTL activation is induced by cross-linking of TCR/MHC-peptide-CD8/p56lck adducts in rafts. <i>European Journal of Immunology</i> , 2001 , 31, 1561-70	6.1	37
52	IL-4 receptor engagement in human neutrophils impairs their migration and extracellular trap formation. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 267-279.e4	11.5	36
51	Epithelial chemokine CXCL14 synergizes with CXCL12 allosteric modulation of CXCR4. <i>FASEB Journal</i> , 2017 , 31, 3084-3097	0.9	34

50	Ubiquitylation of the chemokine receptor CCR7 enables efficient receptor recycling and cell migration. <i>Journal of Cell Science</i> , 2012 , 125, 4463-74	5.3	34
49	Soluble CD146 is generated by ectodomain shedding of membrane CD146 in a calcium-induced, matrix metalloprotease-dependent process. <i>Microvascular Research</i> , 2009 , 78, 325-31	3.7	32
48	Cross-talk between TCR and CCR7 signaling sets a temporal threshold for enhanced T lymphocyte migration. <i>Journal of Immunology</i> , 2011 , 187, 5645-52	5.3	29
47	Modulation of Chemokine Receptor Function by Cholesterol: New Prospects for Pharmacological Intervention. <i>Molecular Pharmacology</i> , 2017 , 91, 331-338	4.3	27
46	Posttranscriptional regulation of Fas (CD95) ligand killing activity by lipid rafts. <i>Blood</i> , 2006 , 107, 2790-6.2.2		27
45	The alpha v beta 3 integrin as a tumor homing ligand for lymphocytes. <i>European Journal of Immunology</i> , 2004 , 34, 1608-16	6.1	25
44	Converse regulation of CCR7-driven human dendritic cell migration by prostaglandin E ₂ and liver X receptor activation. <i>European Journal of Immunology</i> , 2012 , 42, 2949-58	6.1	23
43	Selective inhibition of CTL activation by a dipalmitoyl-phospholipid that prevents the recruitment of signaling molecules to lipid rafts. <i>FASEB Journal</i> , 2001 , 15, 1601-3	0.9	23
42	Regulation of Sec16 levels and dynamics links proliferation and secretion. <i>Journal of Cell Science</i> , 2015 , 128, 670-82	5.3	22
41	Chemokine axes in breast cancer: factors of the tumor microenvironment reshape the CCR7-driven metastatic spread of luminal-A breast tumors. <i>Journal of Leukocyte Biology</i> , 2016 , 99, 1009-25	6.5	21
40	Association of the Epstein-Barr virus latent membrane protein 1 with lipid rafts is mediated through its N-terminal region. <i>Cellular and Molecular Life Sciences</i> , 2002 , 59, 171-80	10.3	21
39	Increased mobility of major histocompatibility complex I-peptide complexes decreases the sensitivity of antigen recognition. <i>Journal of Biological Chemistry</i> , 2008 , 283, 24254-63	5.4	18
38	B cell zone reticular cell microenvironments shape CXCL13 gradient formation. <i>Nature Communications</i> , 2020 , 11, 3677	17.4	18
37	Beyond migration-Chemokines in lymphocyte priming, differentiation, and modulating effector functions. <i>Journal of Leukocyte Biology</i> , 2018 , 104, 301-312	6.5	17
36	Distinct modulation of chemokine expression patterns in human monocyte-derived dendritic cells by prostaglandin E ₂ . <i>Cellular Immunology</i> , 2012 , 276, 52-8	4.4	16
35	Fluorescently Tagged CCL19 and CCL21 to Monitor CCR7 and ACKR4 Functions. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	16
34	Chemokine Receptor CCR7 Triggers an Endomembrane Signaling Complex for Spatial Rac Activation. <i>Cell Reports</i> , 2019 , 29, 995-1009.e6	10.6	15
33	CCR7 Is Recruited to the Immunological Synapse, Acts as Co-stimulatory Molecule and Drives LFA-1 Clustering for Efficient T Cell Adhesion Through ZAP70. <i>Frontiers in Immunology</i> , 2018 , 9, 3115	8.4	15

32	Loss of GM130 in breast cancer cells and its effects on cell migration, invasion and polarity. <i>Cell Cycle</i> , 2015 , 14, 1139-47	4.7	13
31	ACKR4 Recruits GRK3 Prior to β Arrestins but Can Scavenge Chemokines in the Absence of β Arrestins. <i>Frontiers in Immunology</i> , 2020 , 11, 720	8.4	12
30	CCL20 is a novel ligand for the scavenging atypical chemokine receptor 4. <i>Journal of Leukocyte Biology</i> , 2020 , 107, 1137-1154	6.5	12
29	A novel cytosolic class I antigen-processing pathway for endoplasmic-reticulum-targeted proteins. <i>EMBO Reports</i> , 2007 , 8, 945-51	6.5	12
28	ZAP70 expression enhances chemokine-driven chronic lymphocytic leukemia cell migration and arrest by valency regulation of integrins. <i>FASEB Journal</i> , 2018 , 32, 4824-4835	0.9	11
27	Loss of Gadkin Affects Dendritic Cell Migration In Vitro. <i>PLoS ONE</i> , 2015 , 10, e0143883	3.7	11
26	CCL19 with CCL21-tail displays enhanced glycosaminoglycan binding with retained chemotactic potency in dendritic cells. <i>Journal of Leukocyte Biology</i> , 2018 , 104, 401-411	6.5	10
25	The STEAP1(262-270) peptide encapsulated into PLGA microspheres elicits strong cytotoxic T cell immunity in HLA-A*0201 transgenic mice—A new approach to immunotherapy against prostate carcinoma. <i>Prostate</i> , 2016 , 76, 456-68	4.2	9
24	A structure-activity relationship linking non-planar PCBs to functional deficits of neural crest cells: new roles for connexins. <i>Archives of Toxicology</i> , 2018 , 92, 1225-1247	5.8	9
23	Definition of key variables for the induction of optimal NY-ESO-1-specific T cells in HLA transgene mice. <i>Journal of Immunology</i> , 2010 , 185, 3445-55	5.3	8
22	Keratinocytes control skin immune homeostasis through de novo-synthesized glucocorticoids. <i>Science Advances</i> , 2021 , 7,	14.3	8
21	Biased Signaling of CCL21 and CCL19 Does Not Rely on N-Terminal Differences, but Markedly on the Chemokine Core Domains and Extracellular Loop 2 of CCR7. <i>Frontiers in Immunology</i> , 2019 , 10, 2156	8.4	7
20	CD44 engagement enhances acute myeloid leukemia cell adhesion to the bone marrow microenvironment by increasing VLA-4 avidity. <i>Haematologica</i> , 2021 , 106, 2102-2113	6.6	7
19	A unique signal sequence of the chemokine receptor CCR7 promotes package into COPII vesicles for efficient receptor trafficking. <i>Journal of Leukocyte Biology</i> , 2018 , 104, 375-389	6.5	6
18	In Vivo Function of the Lipid Raft Protein Flotillin-1 during CD8 T Cell-Mediated Host Surveillance. <i>Journal of Immunology</i> , 2019 , 203, 2377-2387	5.3	6
17	Membrane lipid environment: Potential modulation of chemokine receptor function. <i>Cytokine</i> , 2018 , 109, 72-75	4	5
16	In vivo TCR Signaling in CD4(+) T Cells Imprints a Cell-Intrinsic, Transient Low-Motility Pattern Independent of Chemokine Receptor Expression Levels, or Microtubular Network, Integrin, and Protein Kinase C Activity. <i>Frontiers in Immunology</i> , 2015 , 6, 297	8.4	5
15	Reduced expression of cyclooxygenase-2 in primary breast cancer. <i>Journal of the National Cancer Institute</i> , 2008 , 100, 1042-3	9.7	5

14	Engineering of Nanobodies Recognizing the Human Chemokine Receptor CCR7. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
13	Analysis of CCR7 mediated T cell transfectant migration using a microfluidic gradient generator. <i>Journal of Immunological Methods</i> , 2015 , 419, 9-17	2.5	4
12	βArrestin1 and βArrestin2 Are Required to Support the Activity of the CXCL12/HMGB1 Heterocomplex on CXCR4. <i>Frontiers in Immunology</i> , 2020 , 11, 550824	8.4	4
11	CCR5 deficiency/CCR5B2: resistant to HIV infection at the cost of curtailed CD4 T cell memory responses. <i>EMBO Journal</i> , 2020 , 39, e105854	13	4
10	Medullary stromal cells synergize their production and capture of CCL21 for T-cell emigration from neonatal mouse thymus. <i>Blood Advances</i> , 2021 , 5, 99-112	7.8	4
9	A Versatile Toolkit for Semi-Automated Production of Fluorescent Chemokines to Study CCR7 Expression and Functions. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
8	Membrane Compartmentalization and Scaffold Proteins in Leukocyte Migration. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 285	5.7	2
7	FAT10 localises in dendritic cell aggresome-like induced structures and contributes to their disassembly. <i>Journal of Cell Science</i> , 2020 , 133,	5.3	2
6	Delineating the interactions between the cannabinoid CB receptor and its regulatory effectors; βArrestins and G protein-coupled receptor kinases. <i>British Journal of Pharmacology</i> , 2021 ,	8.6	2
5	CXCL14 Preferentially Synergizes With Homeostatic Chemokine Receptor Systems. <i>Frontiers in Immunology</i> , 2020 , 11, 561404	8.4	2
4	Mechanosensitive ACKR4 scavenges CCR7 chemokines to facilitate T cell de-adhesion and passive transport by flow in inflamed afferent lymphatics.. <i>Cell Reports</i> , 2022 , 38, 110334	10.6	1
3	Elimination of negative feedback in TLR signalling allows rapid and hypersensitive detection of microbial contaminants.. <i>Scientific Reports</i> , 2021 , 11, 24414	4.9	1
2	CCR7 signalosomes are preassembled on tips of lymphocyte microvilli in proximity to LFA-1. <i>Biophysical Journal</i> , 2021 , 120, 4002-4012	2.9	0
1	CAL-1 as Cellular Model System to Study CCR7-Guided Human Dendritic Cell Migration. <i>Frontiers in Immunology</i> , 2021 , 12, 702453	8.4	0