CX3CL1â€“CX3CR1 Interaction Increases the Population
Contributing to Unilateral Ureteral Obstructionâ€“Indu

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Citation Report

#	Article	IF	Citations
1	Activation of E-prostanoid 3 receptor in macrophages facilitates cardiac healing after myocardial infarction. Nature Communications, 2017, 8, 14656.	12.8	36
2	Macrophages in Renal Injury and Repair. Annual Review of Physiology, 2017, 79, 449-469.	13.1	220
3	Essential involvement of the CX3CL1-CX3CR1 axis in bleomycin-induced pulmonary fibrosis via regulation of fibrocyte and M2 macrophage migration. Scientific Reports, 2017, 7, 16833.	3.3	68
4	Progression of chronic kidney disease: too much cellular talk causes damage. Kidney International, 2017, 91, 552-560.	5.2	109
5	Monocyte Conversion During Inflammation and Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 35-42.	2.4	295
6	Lack of SOCS3 increases LPS-induced murine acute lung injury through modulation of Ly6C(+) macrophages. Respiratory Research, 2017, 18, 217.	3.6	23
7	Blockade of TGF-Î²/Smad signaling by the small compound HPH-15 ameliorates experimental skin fibrosis. Arthritis Research and Therapy, 2018, 20, 46.	3.5	21
8	CCR2 contributes to the recruitment of monocytes and leads to kidney inflammation and fibrosis development. Inflammopharmacology, 2018, 26, 403-411.	3.9	42
9	CX3CL1/CX3CR1 Axis, as the Therapeutic Potential in Renal Diseases: Friend or Foe?. Current Gene Therapy, 2018, 17, 442-452.	2.0	35
10	Macrophages in Renal Fibrosis. Advances in Experimental Medicine and Biology, 2019, 1165, 285-303.	1.6	40
11	An immortalized cell line derived from renal erythropoietin-producing (REP) cells demonstrates their potential to transform into myofibroblasts. Scientific Reports, 2019, 9, 11254.	3.3	23
12	The Impact of Versatile Macrophage Functions on Acute Kidney Injury and Its Outcomes. Frontiers in Physiology, 2019, 10, 1016.	2.8	23
13	Mesenchymal Stem Cells in Renal Fibrosis: The Flame of Cytotherapy. Stem Cells International, 2019, 2019, 1-18.	2.5	35
14	Macrophages: versatile players in renal inflammation and fibrosis. Nature Reviews Nephrology, 2019, 15, 144-158.	9.6	551
15	Gut Mycobiota in Immunity and Inflammatory Disease. Immunity, 2019, 50, 1365-1379.	14.3	158
16	Inhibition of the Progression of Skin Inflammation, Fibrosis, and Vascular Injury by Blockade of the <scp>CX</scp>₃<scp>CL</scp>1/<scp>CX</scp>₃<scp>CR</scp>1 Pathway in Experimental Mouse Models of Systemic Sclerosis. Arthritis and Rheumatology, 2019, 71, 1923-1934.	5.6	11
17	MMPâ€9â€positive neutrophils are essential for establishing profibrotic microenvironment in the obstructed kidney of UUO mice. Acta Physiologica, 2019, 227, e13317.	3.8	34
18	CX3CL1â€"CX3CR1 interaction mediates macrophage-mesothelial cross talk and promotes peritoneal fibrosis. Kidney International, 2019, 95, 1405-1417.	5.2	38

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19	Mononuclear phagocytes orchestrate prolyl hydroxylase inhibition-mediated renoprotection in chronic tubulointerstitial nephritis. Kidney International, 2019, 96, 378-396.	5.2	49
20	Interplay of Na+ Balance and Immunobiology of Dendritic Cells. Frontiers in Immunology, 2019, 10, 599.	4.8	8
21	Bone marrow-derived Ly6Câˆ’ macrophages promote ischemia-induced chronic kidney disease. Cell Death and Disease, 2019, 10, 291.	6.3	43
22	Targeting fibroblast CD248 attenuates CCL17-expressing macrophages and tissue fibrosis. Scientific Reports, 2020, 10, 16772.	3.3	18
23	Effects of CX3CL1 inhibition on murine bleomycin-induced interstitial pneumonia. European Journal of Inflammation, 2020, 18, 205873922095990.	0.5	2
24	Emerging Role of Fractalkine in the Treatment of Rheumatic Diseases . ImmunoTargets and Therapy, 2020, Volume 9, 241-253.	5.8	15
25	CX3CL1 and CX3CR1 could be a relevant molecular axis in the pathophysiology of idiopathic pulmonary fibrosis. International Journal of Medical Sciences, 2020, 17, 2357-2361.	2.5	4
26	The Role of Chemokine Receptors in Renal Fibrosis. Reviews of Physiology, Biochemistry and Pharmacology, 2020, 177, 1-24.	1.6	12
27	Rationale for and clinical development of anti-fractalkine antibody in rheumatic diseases. Expert Opinion on Biological Therapy, 2020, 20, 1309-1319.	3.1	4
28	Importance of methodology in the evaluation of renal mononuclear phagocytes and analysis of a model of experimental nephritis with Shp1 conditional knockout mice. Biochemistry and Biophysics Reports, 2020, 22, 100741.	1.3	0
29	The Roles of Monocyte and Monocyte-Derived Macrophages in Common Brain Disorders. BioMed Research International, 2020, 2020, 1-11.	1.9	19
31	Deletion of Myeloid Interferon Regulatory Factor 4 (Irf4) in Mouse Model Protects against Kidney Fibrosis after Ischemic Injury by Decreased Macrophage Recruitment and Activation. Journal of the American Society of Nephrology: JASN, 2021, 32, 1037-1052.	6.1	42
32	Ly6chi Infiltrating Macrophages Promote Cyst Progression in Injured Conditional Ift88 Mice. Kidney360, 2021, 2, 989-995.	2.1	4
33	Regulation and function of CX3CR1 and its ligand CX3CL1 in kidney disease. Cell and Tissue Research, 2021, 385, 335-344.	2.9	28
34	Fractalkine (CX3CL1) and Its Receptor CX3CR1: A Promising Therapeutic Target in Chronic Kidney Disease?. Frontiers in Immunology, 2021, 12, 664202.	4.8	23
35	Interleukinâ€34 accelerates intrauterine adhesions progress related to CX3CR1⁺ monocytes/macrophages. European Journal of Immunology, 2021, 51, 2501-2512.	2.9	7
36	Stem cells in the treatment of renal fibrosis: a review of preclinical and clinical studies of renal fibrosis pathogenesis. Stem Cell Research and Therapy, 2021, 12, 333.	5.5	15
37	The Mechanism of CD8+ T Cells for Reducing Myofibroblasts Accumulation during Renal Fibrosis. Biomolecules, 2021, 11, 990.	4.0	8

#	Article	IF	Citations
38	Single-Cell RNA Sequencing Reveals the Immunological Profiles of Renal Allograft Rejection in Mice. Frontiers in Immunology, 2021, 12, 693608.	4.8	13
39	Role of the CX₃CL1-CX₃CR1 axis in renal disease. American Journal of Physiology - Renal Physiology, 2021, 321, F121-F134.	2.7	5
40	3D Model of the Early Melanoma Microenvironment Captures Macrophage Transition into a Tumor-Promoting Phenotype. Cancers, 2021, 13, 4579.	3.7	6
41	Mitophagy-dependent macrophage reprogramming protects against kidney fibrosis. JCI Insight, 2019, 4, .	5.0	100
42	The homozygous CX3CR1-M280 mutation impairs human monocyte survival. JCI Insight, 2018, 3, .	5.0	25
43	Cxcl10 deficiency attenuates renal interstitial fibrosis through regulating epithelial-to-mesenchymal transition. Experimental Cell Research, 2022, 410, 112965.	2.6	4
44	F4/80hi Resident Macrophages Contribute to Cisplatin-Induced Renal Fibrosis. Kidney360, 0, , 10.34067/KID.0006442021.	2.1	12
45	The Combined Model of CX3CR1-Related Immune Infiltration Genes to Evaluate the Prognosis of Idiopathic Pulmonary Fibrosis. Frontiers in Immunology, 2022, 13, 837188.	4.8	5
46	Macrophages in the kidney in health, injury and repair. International Review of Cell and Molecular Biology, 2022, 367, 101-147.	3.2	6
47	Conditional deletion of myeloid-specific mitofusin 2 but not mitofusin 1 promotes kidney fibrosis. Kidney International, 2022, 101, 963-986.	5.2	14
48	Renal tubular PAR2 promotes interstitial fibrosis by increasing inflammatory responses and EMT process. Archives of Pharmacal Research, 2022, 45, 159-173.	6.3	12
49	Occurrences and Functions of Ly6Chi and Ly6Clo Macrophages in Health and Disease. Frontiers in Immunology, 0, 13, .	4.8	15
50	Transcriptional profile changes after treatment of ischemia reperfusion injury-induced kidney fibrosis with 18Î²-glycyrrhetinic acid. Renal Failure, 2022, 44, 660-671.	2.1	5
51	High phosphateâ€induced progressive proximal tubular injury is associated with the activation of Stat3/Kimâ€1 signaling pathway and macrophage recruitment. FASEB Journal, 2022, 36, .	0.5	6
52	Kidneyâ€"Inflammation and remodeling. , 2022, , 107-137.		0
53	GSDMD-dependent neutrophil extracellular traps promote macrophage-to-myofibroblast transition and renal fibrosis in obstructive nephropathy. Cell Death and Disease, 2022, 13, .	6.3	24
54	Ubiquitin-like protein FAT10 promotes renal fibrosis by stabilizing USP7 to prolong CHK1-mediated G2/M arrest in renal tubular epithelial cells. Aging, 2022, 14, 7527-7546.	3.1	3
55	Anti-apoptotic effect of HeidihuangWan in renal tubular epithelial cells via PI3K/Akt/mTOR signaling pathway. Journal of Ethnopharmacology, 2023, 302, 115882.	4.1	1

#	Article	IF	Citations
56	Lung cancer-kidney cross talk induces kidney injury, interstitial fibrosis, and enhances cisplatin-induced nephrotoxicity. American Journal of Physiology - Renal Physiology, 2023, 324, F287-F300.	2.7	3
57	K-homology Type Splicing Regulatory Protein: Mechanism of Action in Cancer and Immune Disorders. Critical Reviews in Eukaryotic Gene Expression, 2023, , .	0.9	0
58	Isolation and Flow Cytometry Analysis of Macrophages from the Kidney. Methods in Molecular Biology, 2024, , 171-181.	0.9	1