Keith L Kirkwood

List of Publications by Year
in descending order

106	5,605	87888	85541
papers	citations	38 h-index	71 g-index

109	109	109	7274
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel Preosteoclast Populations in Obesity-Associated Periodontal Disease. Journal of Dental Research, 2022, 101, 348-356.	5.2	14
2	Inhibition of acid sphingomyelinase by imipramine abolishes the synergy between metabolic syndrome and periodontitis on alveolar bone loss. Journal of Periodontal Research, 2022, 57, 173-185.	2.7	10
3	Porphyromonas gingivalis indirectly elicits intestinal inflammation by altering the gut microbiota and disrupting epithelial barrier function through IL9â€producing CD4⁺ T cells. Molecular Oral Microbiology, 2022, 37, 42-52.	2.7	13
4	Dietary carbohydrate intake is associated with the subgingival plaque oral microbiome abundance and diversity in a cohort of postmenopausal women. Scientific Reports, 2022, 12, 2643.	3.3	13
5	Silencing matrix metalloproteinase-13 (Mmp-13) reduces inflammatory bone resorption associated with LPS-induced periodontal disease in vivo. Clinical Oral Investigations, 2021, 25, 3161-3172.	3.0	8
6	Subgingival microbiome is associated with alveolar bone loss measured 5 years later in postmenopausal women. Journal of Periodontology, 2021, 92, 648-661.	3.4	6
7	Myeloidâ€derived suppressor cells in obesityâ€associated periodontal disease: A conceptual model. Periodontology 2000, 2021, 87, 268-275.	13.4	10
8	Discovering Myeloid Cell Heterogeneity in Mandibular Bone â€“ Cell by Cell Analysis. Frontiers in Physiology, 2021, 12, 731549.	2.8	13
9	MKP-1 is required to limit myeloid-cell mediated oral squamous cell carcinoma progression and regional extension. Oral Oncology, 2021, 120, 105401.	1.5	4
10	Expansion of myeloid-derived suppressor cells contributes to metabolic osteoarthritis through subchondral bone remodeling. Arthritis Research and Therapy, 2021, 23, 287.	3.5	7
11	Acid sphingomyelinase deficiency exacerbates LPSâ€induced experimental periodontitis. Oral Diseases, 2020, 26, 637-646.	3.0	13
12	The p38/MKP-1 signaling axis in oral cancer: Impact of tumor-associated macrophages. Oral Oncology, 2020, 103, 104591.	1.5	34
13	The Periodontal Microenvironment: a Potential Reservoir for Intestinal Pathobionts in Crohnâ€™s Disease. Current Oral Health Reports, 2020, 7, 37-44.	1.6	4
14	Targeting MAPK/MKP Signaling as a Therapeutic Axis in Periodontal Disease. , 2020, , 55-71.		1
15	Functionalized nanoparticles containing MKPâ€1 agonists reduce periodontal bone loss. Journal of Periodontology, 2019, 90, 894-902.	3.4	11
16	Activation of vitamin D in the gingival epithelium and its role in gingival inflammation and alveolar bone loss. Journal of Periodontal Research, 2019, 54, 444-452.	2.7	18
17	Should Dental Schools Invest in Training Predoctoral Students for Academic Careers? Two Viewpoints. Journal of Dental Education, 2018, 82, 379-387.	1.2	2
18	Tristetraprolin Is Required for Alveolar Bone Homeostasis. Journal of Dental Research, 2018, 97, 946-953.	5.2	16

#	Article	IF	Citations
19	Inflammaging. Immunological Investigations, 2018, 47, 770-773.	2.0	23
20	Myeloid-Derived Suppressor Cells at the Intersection of Inflammaging and Bone Fragility. Immunological Investigations, 2018, 47, 844-854.	2.0	25
21	Sexual Dimorphism in Immunity to Oral Bacterial Diseases: Intersection of Neutrophil and Osteoclast Pathobiology. Journal of Dental Research, 2018, 97, 1416-1423.	5.2	8
22	Hematopoietic Stem Cells as a Novel Source of Dental Tissue Cells. Scientific Reports, 2018, 8, 8026.	3.3	8
23	Mean annual attachment, bone level, and tooth loss: A systematic review. Journal of Periodontology, 2018, 89, S120-S139.	3.4	53
24	Inhibition of the histone demethylase KDM4B leads to activation of KDM1A, attenuates bacterial-induced pro-inflammatory cytokine release, and reduces osteoclastogenesis. Epigenetics, 2018, 13, 557-572.	2.7	24
25	Mean annual attachment, bone level, and tooth loss: A systematic review. Journal of Clinical Periodontology, 2018, 45, S112-S129.	4.9	46
26	Periodontitis: Consensus report of workgroup 2 of the 2017 World Workshop on the Classification of Periodontal and Periâ€Implant Diseases and Conditions. Journal of Clinical Periodontology, 2018, 45, S162-S170.	4.9	673
27	Recent Trends in Oral Cavity Cancer Research Support in the United States. Journal of Dental Research, 2017, 96, 17-22.	5.2	7
28	Commensal Gut Microbiota Immunomodulatory Actions in Bone Marrow and Liver have Catabolic Effects on Skeletal Homeostasis in Health. Scientific Reports, 2017, 7, 5747.	3.3	83
29	<scp>CD</scp>36 is upregulated in mice with periodontitis and metabolic syndrome and involved in macrophage gene upregulation by palmitate. Oral Diseases, 2017, 23, 210-218.	3.0	18
30	Mitogen-Activated Protein Kinase 2 Signaling Shapes Macrophage Plasticity in Aggregatibacter actinomycetemcomitans-Induced Bone Loss. Infection and Immunity, 2017, 85, .	2.2	7
31	Sexâ€based differential regulation of bacterialâ€induced bone resorption. Journal of Periodontal Research, 2017, 52, 377-387.	2.7	22
32	Aggregatibacter actinomycetemcomitans, a potent immunoregulator of the periodontal host defense system and alveolar bone homeostasis. Molecular Oral Microbiology, 2016, 31, 207-227.	2.7	97
33	CD24 blunts oral squamous cancer development and dampens the functional expansion of myeloid-derived suppressor cells. OncoImmunology, 2016, 5, e1226719.	4.6	11
34	Sexual Dimorphism in MAPK-Activated Protein Kinase-2 (MK2) Regulation of RANKL-Induced Osteoclastogenesis in Osteoclast Progenitor Subpopulations. PLoS ONE, 2015, 10, e0125387.	2.5	19
35	Metabolic Syndrome Exacerbates Inflammation and Bone Loss in Periodontitis. Journal of Dental Research, 2015, 94, 362-370.	5.2	89
36	Critical role of MKP-1 in lipopolysaccharide-induced osteoclast formation through CXCL1 and CXCL2. Cytokine, 2015, 71, 71-80.	3.2	32

#	Article	IF	Citations
37	The G Proteinâ€“Coupled Receptor GALR2 Promotes Angiogenesis in Head and Neck Cancer. Molecular Cancer Therapeutics, 2014, 13, 1323-1333.	4.1	24
38	DUSP1 Phosphatase Regulates the Proinflammatory Milieu in Head and Neck Squamous Cell Carcinoma. Cancer Research, 2014, 74, 7191-7197.	0.9	28
39	Simvastatin Inhibits LPS-induced Alveolar Bone Loss during Metabolic Syndrome. Journal of Dental Research, 2014, 93, 294-299.	5.2	41
40	MKP-1 signaling events are required for early osteoclastogenesis in lineage defined progenitor populations by disrupting RANKL-induced NFATc1 nuclear translocation. Bone, 2014, 60, 16-25.	2.9	18
41	Simvastatin inhibits lipopolysaccharideâ€induced osteoclastogenesis and reduces alveolar bone loss in experimental periodontal disease. Journal of Periodontal Research, 2014, 49, 518-526.	2.7	42
42	Alveolar Bone Loss: Mechanisms, Potential Therapeutic Targets, and Interventions. Advances in Dental Research, 2014, 26, 38-46.	3.6	22
43	CXCL13 activation of c-Myc induces RANK ligand expression in stromal/preosteoblast cells in the oral squamous cell carcinoma tumorâ€“bone microenvironment. Oncogene, 2013, 32, 97-105.	5.9	51
44	Oral squamous carcinoma cells secrete RANKL directly supporting osteolytic bone loss. Oral Oncology, 2013, 49, 119-128.	1.5	25
45	Curcumin abrogates LPS-induced pro-inflammatory cytokines in RAW 264.7 macrophages. Evidence for novel mechanisms involving SOCS-1, -3 and p38 MAPK. Archives of Oral Biology, 2013, 58, 1309-1317.	1.8	95
46	Inactivation or Loss of TTP Promotes Invasion in Head and Neck Cancer via Transcript Stabilization and Secretion of MMP9, MMP2, and IL-6. Clinical Cancer Research, 2013, 19, 1169-1179.	7.0	73
47	Differential expression of mitogen activating protein kinases in periodontitis. Journal of Clinical Periodontology, 2013, 40, 757-764.	4.9	19
48	Kaposi's Sarcoma-Associated Herpesvirus Suppression of DUSP1 Facilitates Cellular Pathogenesis following De Novo Infection. Journal of Virology, 2013, 87, 621-635.	3.4	23
49	MKP-1 Is Essential for Canonical Vitamin D-Induced Signaling through Nuclear Import and Regulates RANKL Expression and Function. Molecular Endocrinology, 2012, 26, 1682-1693.	3.7	20
50	Curcumin modulates the immune response associated with LPS-induced periodontal disease in rats. Innate Immunity, 2012, 18, 155-163.	2.4	58
51	MAPK Usage in Periodontal Disease Progression. Journal of Signal Transduction, 2012, 2012, 1-17.	2.0	40
52	Sustained mitogenâ€activated protein kinase activation with Aggregatibacter actinomycetemcomitans causes inflammatory bone loss. Molecular Oral Microbiology, 2012, 27, 397-407.	2.7	7
53	Control of Cytokine mRNA Expression by RNA-binding Proteins and microRNAs. Journal of Dental Research, 2012, 91, 651-658.	5.2	99
54	Sexual Dimorphism in Periapical Inflammation and Bone Loss from Mitogen-activated Protein Kinase Phosphatase-1 Deficient Mice. Journal of Endodontics, 2012, 38, 1097-1100.	3.1	15

#	Article	IF	Citations
55	Kaposi sarcoma-associated herpesvirus (KSHV) induces a functional tumor-associated phenotype for oral fibroblasts. Cancer Letters, 2012, 318, 214-220.	7.2	22
56	Loss of Expression and Function of SOCS3 Is an Early Event in HNSCC: Altered Subcellular Localization as a Possible Mechanism Involved in Proliferation, Migration and Invasion. PLoS ONE, 2012, 7, e45197.	2.5	26
57	Interactions between extracellular signal-regulated kinase 1/2 and P38 Map kinase pathways in the control of RUNX2 phosphorylation and transcriptional activity. Journal of Bone and Mineral Research, 2012, 27, 538-551.	2.8	131
58	Is Monocyte Chemotactic Protein 1 Elevated in Aseptic Loosening of TKA?: A Pilot Study. Clinical Orthopaedics and Related Research, 2012, 470, 1879-1884.	1.5	15
59	Molecular Biology of the Host-Microbe Interaction in Periodontal Diseases. , 2012, , 285-293.		3
60	Tristetraprolin Regulates Interleukin-6 Expression Through p38 MAPK-Dependent Affinity Changes with mRNA 3â€² Untranslated Region. Journal of Interferon and Cytokine Research, 2011, 31, 629-637.	1.2	92
61	Low-Abundance Biofilm Species Orchestrates Inflammatory Periodontal Disease through the Commensal Microbiota and Complement. Cell Host and Microbe, 2011, 10, 497-506.	11.0	916
62	MKP-1 regulates cytokine mRNA stability through selectively modulation subcellular translocation of AUF1. Cytokine, 2011, 56, 245-255.	3.2	48
63	Potent anti-inflammatory effects of systemically administered curcumin modulate periodontal disease in vivo. Journal of Periodontal Research, 2011, 46, 269-279.	2.7	121
64	Anti-inflammatory effect of MAPK phosphatase-1 local gene transfer in inflammatory bone loss. Gene Therapy, 2011, 18, 344-353.	4.5	51
65	Tristetraprolin regulates interleukinâ€6, which is correlated with tumor progression in patients with head and neck squamous cell carcinoma. Cancer, 2011, 117, 2677-2689.	4.1	62
66	Silencing Mitogen-Activated Protein Kinase-Activated Protein Kinase-2 Arrests Inflammatory Bone Loss. Journal of Pharmacology and Experimental Therapeutics, 2011, 336, 633-642.	2.5	28
67	Mitogen-activated protein kinase phosphatase 1 regulates bone mass, osteoblast gene expression, and responsiveness to parathyroid hormone. Journal of Endocrinology, 2011, 211, 145-156.	2.6	26
68	LPS Induces Greater Bone and PDL Loss in SPARC-null Mice. Journal of Dental Research, 2011, 90, 477-482.	5.2	19
69	Non-Surgical Chemotherapeutic Treatment Strategies for the Management of Periodontal Diseases. Dental Clinics of North America, 2010, 54, 13-33.	1.8	68
70	A Novel Function of CXCL13 to Stimulate RANK Ligand Expression in Oral Squamous Cell Carcinoma Cells. Molecular Cancer Research, 2009, 7, 1399-1407.	3.4	39
71	MAP Kinase Phosphatase-1 Protects against Inflammatory Bone Loss. Journal of Dental Research, 2009, 88, 1125-1130.	5.2	65
72	The Potential of p38 MAPK Inhibitors to Modulate Periodontal Infections. Current Drug Metabolism, 2009, 10, 55-67.	1.2	46

#	Article	IF	Citations
73	A dominant function of p38 mitogen-activated protein kinase signaling in receptor activator of nuclear factor-Î¹B ligand expression and osteoclastogenesis induction by Aggregatibacter actinomycetemcomitans and Escherichia coli lipopolysaccharide. Journal of Periodontal Research, 2008, 43, 201-211.	2.7	19
74	p38Î± Stabilizes Interleukin-6 mRNA via Multiple AU-richElements. Journal of Biological Chemistry, 2008, 283, 1778-1785.	3.4	65
75	Rap1GAP Promotes Invasion via Induction of Matrix Metalloproteinase 9 Secretion, Which Is Associated with Poor Survival in Low N-Stage Squamous Cell Carcinoma. Cancer Research, 2008, 68, 3959-3969.	0.9	66
76	Targeting mRNA Stability Arrests Inflammatory Bone Loss. Molecular Therapy, 2008, 16, 1657-1664.	8.2	41
77	Periodontal condition in patients with rheumatoid arthritis. Brazilian Oral Research, 2008, 22, 72-77.	1.4	38
78	A p38Î± Selective Mitogen-Activated Protein Kinase Inhibitor Prevents Periodontal Bone Loss. Journal of Pharmacology and Experimental Therapeutics, 2007, 320, 56-63.	2.5	65
79	Autoimmunity to deltaNp63alpha in Chronic Ulcerative Stomatitis. Journal of Dental Research, 2007, 86, 826-831.	5.2	26
80	Transcriptional activation of MMP-13 by periodontal pathogenic LPS requires p38 MAP kinase. Journal of Endotoxin Research, 2007, 13, 85-93.	2.5	27
81	Efficient Production of Bioactive Insulin from Human Epidermal Keratinocytes and Tissue-Engineered Skin Substitutes: Implications for Treatment of Diabetes. Tissue Engineering, 2007, 13, 2119-2131.	4.6	20
82	Actinobacillus actinomycetemcomitansLipopolysaccharide-Mediated Experimental Bone Loss Model for Aggressive Periodontitis. Journal of Periodontology, 2007, 78, 550-558.	3.4	110
83	A p38 Mitogen-Activated Protein Kinase Inhibitor Arrests Active Alveolar Bone Loss in a Rat Periodontitis Model. Journal of Periodontology, 2007, 78, 1992-1998.	3.4	48
84	p38 MAPK Signaling in Oral-related Diseases. Journal of Dental Research, 2007, 86, 812-825.	5.2	53
85	An orthotopic floorâ€ofâ€mouth model for locoregional growth and spread of human squamous cell carcinoma. Journal of Oral Pathology and Medicine, 2007, 36, 363-370.	2.7	32
86	Novel host response therapeutic approaches to treat periodontal diseases. Periodontology 2000, 2007, 43, 294-315.	13.4	145
87	Actinobacillus actinomycetemcomitans lipopolysaccharide induces interleukin-6 expression through multiple mitogen-activated protein kinase pathways in periodontal ligament fibroblasts. Oral Microbiology and Immunology, 2006, 21, 392-398.	2.8	55
88	MKK3/6-p38 MAPK Signaling Is Required for IL-1Î² and TNF-Î±-Induced RANKL Expression in Bone Marrow Stromal Cells. Journal of Interferon and Cytokine Research, 2006, 26, 719-729.	1.2	66
89	Root surface conditioning with nicotine or cotinine reduces viability and density of fibroblasts in vitro. Clinical Oral Investigations, 2005, 9, 180-186.	3.0	4
90	Preferential Attachment of Human Gingival Fibroblasts to the Resin Ionomer Geristore. Journal of Endodontics, 2005, 31, 205-208.	3.1	37

#	Article	IF	Citations
91	Prostaglandin Production by Human Gingival Fibroblasts Inhibited by Triclosan in the Presence of Cetylpyridinium Chloride. Journal of Periodontology, 2005, 76, 1735-1742.	3.4	12
92	MKK3/6â€"p38 MAPK negatively regulates murine MMP-13 gene expression induced by IL-1Î² and TNF-Î± in immortalized periodontal ligament fibroblasts. Matrix Biology, 2005, 24, 478-488.	3.6	41
93	Functional Cooperation between Interleukin-17 and Tumor Necrosis Factor-Î± Is Mediated by CCAAT/Enhancer-binding Protein Family Members. Journal of Biological Chemistry, 2004, 279, 2559-2567.	3.4	309
94	p38 MAPK Regulates ILâ€1Î² Induced ILâ€6 Expression Through mRNA Stability in Osteoblasts. Immunological Investigations, 2004, 33, 213-233.	2.0	63
95	Differential regulation of MMP-13 by chemical modified tetracyclines in osteoblasts. Journal of the International Academy of Periodontology, 2004, 6, 39-46.	0.7	2
96	Chemically modified tetracyclines selectively inhibit IL-6 expression in osteoblasts by decreasing mRNA stability. Biochemical Pharmacology, 2003, 66, 1809-1819.	4.4	32
97	Gene Expression Profile of Tissue Engineered Skin Subjected to Acute Barrier Disruption. Journal of Investigative Dermatology, 2003, 121, 368-382.	0.7	30
98	Cementoblasts Maintain Expression of Osteocalcin in the Presence of Mineral Trioxide Aggregate. Journal of Endodontics, 2003, 29, 407-412.	3.1	115
99	In Vitro Mineralization Studies with Substrate-immobilized Bone Morphogenetic Protein Peptides. Journal of Oral Implantology, 2003, 29, 57-65.	1.0	26
100	Dentotherapeutics: the twenty-first century. The Alpha Omegan, 2003, 96, 9.	0.1	0
101	The effect of bone morphogenetic protein-7 on the expression of type I inositol 1,4,5-trisphosphate receptor in G-292 osteosarcoma cells and primary osteoblast cultures. Archives of Oral Biology, 2000, 45, 159-166.	1.8	10
102	IL-1Î² Increases Type 1 Inositol Trisphosphate Receptor Expression and IL-6 Secretory Capacity in Osteoblastic Cell Cultures. Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications, 2000, 3, 73-75.	1.6	18
103	Non-antimicrobial and Antimicrobial Tetracyclines Inhibit IL-6 Expression in Murine Osteoblasts. Annals of the New York Academy of Sciences, 1999, 878, 667-670.	3.8	46
104	Cloning and Characterization of the Type I Inositol 1,4,5-Trisphosphate Receptor Gene Promoter. Journal of Biological Chemistry, 1997, 272, 22425-22431.	3.4	26
105	Inositol trisphosphate receptor gene expression and hormonal regulation in osteoblast-like cell lines and primary osteoblastic cell cultures. Journal of Bone and Mineral Research, 1996, 11, 1889-1896.	2.8	30
106	Chapter 108. Periodontal Diseases and Oral Bone Loss. , 0, , 510-513.		3