Michael Glogauer

List of Publications by Year
in descending order

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224 papers	14,435 citations	20759 60 h-index	22764 112 g-index
244 all docs	244 docs citations	244 times ranked	22343 citing authors

#	Article	IF	Citations
1	Scaling the Microrheology of Living Cells. Physical Review Letters, 2001, 87, 148102.	2.9	1,056
2	A mouse model of TSC1 reveals sex-dependent lethality from liver hemangiomas, and up-regulation of p70S6 kinase activity in Tsc1 null cells. Human Molecular Genetics, 2002, 11, 525-534.	1.4	580
3	Biodegradable Materials for Bone Repair and Tissue Engineering Applications. Materials, 2015, 8, 5744-5794.	1.3	544
4	Activation of antibacterial autophagy by NADPH oxidases. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6226-6231.	3.3	506
5	Macrophages, Foreign Body Giant Cells and Their Response to Implantable Biomaterials. Materials, 2015, 8, 5671-5701.	1.3	475
6	Periodontal health and gingival diseases and conditions on an intact and a reduced periodontium: Consensus report of workgroup 1 of the 2017 World Workshop on the Classification of Periodontal and Periâ€Implant Diseases and Conditions. Journal of Periodontology, 2018, 89, S74-S84.	1.7	469
7	Endocytic protein intersectin-l regulates actin assembly via Cdc42 and N-WASP. Nature Cell Biology, 2001, 3, 927-932.	4.6	337
8	Time scale and other invariants of integrative mechanical behavior in living cells. Physical Review E, 2003, 68, 041914.	0.8	317
9	Periodontal health and gingival diseases and conditions on an intact and a reduced periodontium: Consensus report of workgroup 1 of the 2017 World Workshop on the Classification of Periodontal and Periâ€Implant Diseases and Conditions. Journal of Clinical Periodontology, 2018, 45, S68-S77.	2.3	312
10	Neutrophil Diversity in Health and Disease. Trends in Immunology, 2019, 40, 565-583.	2.9	308
11	Rac1 Deletion in Mouse Neutrophils Has Selective Effects on Neutrophil Functions. Journal of Immunology, 2003, 170, 5652-5657.	0.4	276
12	Natural graft tissues and synthetic biomaterials for periodontal and alveolar bone reconstructive applications: a review. Biomaterials Research, 2017, 21, 9.	3.2	246
13	Intracellular osteopontin is an integral component of the CD44-ERM complex involved in cell migration. Journal of Cellular Physiology, 2000, 184, 118-130.	2.0	244
14	Stem Cell Depletion Through Epidermal Deletion of Rac1. Science, 2005, 309, 933-935.	6.0	243
15	Periodontitis is an inflammatory disease of oxidative stress: We should treat it that way. Periodontology 2000, 2020, 84, 45-68.	6.3	229
16	The Role of Actin-binding Protein 280 in Integrin-dependent Mechanoprotection. Journal of Biological Chemistry, 1998, 273, 1689-1698.	1.6	223
17	Rac1 is the small GTPase responsible for regulating the neutrophil chemotaxis compass. Blood, 2004, 104, 3758-3765.	0.6	183
18	Calcium ions and tyrosine phosphorylation interact coordinately with actin to regulate cytoprotective responses to stretching. Journal of Cell Science, 1997, 110, 11-21.	1.2	181

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19	Contrasting phagosome pH regulation and maturation in human M1 and M2 macrophages. Molecular Biology of the Cell, 2014, 25, 3330-3341.	0.9	179
20	Requirements for Vav Guanine Nucleotide Exchange Factors and Rho GTPases in FcÎ³R- and Complement-Mediated Phagocytosis. Immunity, 2006, 24, 305-316.	6.6	164
21	Mechanisms of in Vivo Degradation and Resorption of Calcium Phosphate Based Biomaterials. Materials, 2015, 8, 7913-7925.	1.3	160
22	NADPH oxidase complex and IBD candidate gene studies: identification of a rare variant inNCF2that results in reduced binding to RAC2. Gut, 2012, 61, 1028-1035.	6.1	158
23	Magnetic fields applied to collagen-coated ferric oxide beads induce stretch-activated Ca2+ flux in fibroblasts. American Journal of Physiology - Cell Physiology, 1995, 269, C1093-C1104.	2.1	144
24	Bone Replacement Materials and Techniques Used for Achieving Vertical Alveolar Bone Augmentation. Materials, 2015, 8, 2953-2993.	1.3	141
25	Identification of neutrophil surface marker changes in health and inflammation using high-throughput screening flow cytometry. Experimental Cell Research, 2016, 342, 200-209.	1.2	136
26	Collagen based barrier membranes for periodontal guided bone regeneration applications. Odontology / the Society of the Nippon Dental University, 2017, 105, 1-12.	0.9	125
27	CD44 is a phagocytic receptor. Blood, 2006, 107, 4149-4158.	0.6	122
28	Role of osteopontin in neutrophil function. Immunology, 2007, 122, 466-475.	2.0	122
29	Rac2 is required for the formation of neutrophil extracellular traps. Journal of Leukocyte Biology, 2011, 90, 771-776.	1.5	121
30	Identifying the Relative Contributions of Rac1 and Rac2 to Osteoclastogenesis. Journal of Bone and Mineral Research, 2008, 23, 260-270.	3.1	120
31	Distinct Oral Neutrophil Subsets Define Health and Periodontal Disease States. Journal of Dental Research, 2016, 95, 931-938.	2.5	120
32	Cadherin-11â€“mediated adhesion of macrophages to myofibroblasts establishes a profibrotic niche of active TGF-Î². Science Signaling, 2019, 12, .	1.6	113
33	A common cofilin activity cycle in invasive tumor cells and inflammatory cells. Journal of Cell Science, 2009, 122, 305-311.	1.2	112
34	Calcium-sensing receptors signal constitutive macropinocytosis and facilitate the uptake of NOD2 ligands in macrophages. Nature Communications, 2016, 7, 11284.	5.8	110
35	Two Pathways through Cdc42 Couple the N-Formyl Receptor to Actin Nucleation in Permeabilized Human Neutrophils. Journal of Cell Biology, 2000, 150, 785-796.	2.3	108
36	Probiotic Lactobacillus rhamnosus Inhibits the Formation of Neutrophil Extracellular Traps. Journal of Immunology, 2014, 192, 1870-1877.	0.4	108

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37	Rac1 and Rac2 differentially regulate actin free barbed end formation downstream of the fMLP receptor. Journal of Cell Biology, 2007, 179, 239-245.	2.3	100
38	Macrophage subsets and osteoimmunology: tuning of the immunological recognition and effector systems that maintain alveolar bone. Periodontology 2000, 2013, 63, 80-101.	6.3	100
39	Diabetes and Periodontal Diseases: Interplay and Links. Current Diabetes Reviews, 2011, 7, 433-439.	0.6	100
40	C<scp>hemotactic</scp> S<scp>ignaling</scp> P<scp>athways in</scp> N<scp>eutrophils: from</scp> R<scp>eceptor to</scp> A<scp>ctin</scp> A<scp>ssembly</scp>. Critical Reviews in Oral Biology and Medicine, 2002, 13, 220-228.	4.4	99
41	Quantifying oral inflammatory load: oral neutrophil counts in periodontal health and disease. Journal of Periodontal Research, 2015, 50, 330-336.	1.4	96
42	Rac1 links leading edge and uropod events through Rho and myosin activation during chemotaxis. Blood, 2006, 108, 2814-2820.	0.6	94
43	The phosphatidylserine receptor TIM4 utilizes integrins as coreceptors to effect phagocytosis. Molecular Biology of the Cell, 2014, 25, 1511-1522.	0.9	93
44	Cytosolic Phospholipase A2-Î± Is Necessary for Platelet-activating Factor Biosynthesis, Efficient Neutrophil-mediated Bacterial Killing, and the Innate Immune Response to Pulmonary Infection. Journal of Biological Chemistry, 2005, 280, 7519-7529.	1.6	92
45	Genetic ablation of Rac1 in cartilage results in chondrodysplasia. Developmental Biology, 2007, 306, 612-623.	0.9	91
46	Oral Neutrophil Transcriptome Changes Result in a Pro-Survival Phenotype in Periodontal Diseases. PLoS ONE, 2013, 8, e68983.	1.1	87
47	Cytoskeletal remodeling in leukocyte function. Current Opinion in Hematology, 2004, 11, 15-24.	1.2	83
48	Regulation of Stretch-Activated Intracellular Calcium Transients by Actin Filaments. Biochemical and Biophysical Research Communications, 1999, 261, 419-425.	1.0	82
49	The N. gonorrhoeae Type IV Pilus Stimulates Mechanosensitive Pathways and Cytoprotection through a pilT-Dependent Mechanism. PLoS Biology, 2005, 3, e100.	2.6	82
50	An Overview of the Derivation and Function of Multinucleated Giant Cells and Their Role in Pathologic Processes. American Journal of Pathology, 2019, 189, 1145-1158.	1.9	81
51	Vav Proteins in Neutrophils Are Required for FcÎ³R-Mediated Signaling to Rac GTPases and Nicotinamide Adenine Dinucleotide Phosphate Oxidase Component p40(phox). Journal of Immunology, 2006, 177, 6388-6397.	0.4	80
52	Macrophage Mesenchymal Migration Requires Podosome Stabilization by Filamin A. Journal of Biological Chemistry, 2012, 287, 13051-13062.	1.6	78
53	Nucleic Acid-Targeting Pathways Promote Inflammation in Obesity-Related Insulin Resistance. Cell Reports, 2016, 16, 717-730.	2.9	77
54	Novel rinse assay for the quantification of oral neutrophils and the monitoring of chronic periodontal disease. Journal of Periodontal Research, 2006, 41, 214-220.	1.4	74

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55	The axonal repellent, Slit2, inhibits directional migration of circulating neutrophils. Journal of Leukocyte Biology, 2009, 86, 1403-1415.	1.5	74
56	Modulation of reactive oxygen species by Rac1 or catalase prevents asbestos-induced pulmonary fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L846-L855.	1.3	71
57	Circulating NOD1 Activators and Hematopoietic NOD1 Contribute to Metabolic Inflammation and Insulin Resistance. Cell Reports, 2017, 18, 2415-2426.	2.9	70
58	Macrophage immunomodulation in chronic osteolytic diseasesâ€"the case of periodontitis. Journal of Leukocyte Biology, 2019, 105, 473-487.	1.5	69
59	Single Nucleotide Polymorphisms That Increase Expression of the Guanosine Triphosphatase RAC1 Are Associated With Ulcerative Colitis. Gastroenterology, 2011, 141, 633-641.	0.6	67
60	Filamin A regulates cell spreading and survival via Î²1 integrins. Experimental Cell Research, 2008, 314, 834-846.	1.2	65
61	Filamin A regulates monocyte migration through Rho small GTPases during osteoclastogenesis. Journal of Bone and Mineral Research, 2010, 25, 1077-1091.	3.1	64
62	Rac regulates PtdInsP3 signaling and the chemotactic compass through a redox-mediated feedback loop. Blood, 2011, 118, 6164-6171.	0.6	64
63	Nuclear Factor Erythroid 2-Related Factor 2 Down-Regulation in Oral Neutrophils Is Associated with Periodontal Oxidative Damage and Severe Chronic Periodontitis. American Journal of Pathology, 2016, 186, 1417-1426.	1.9	64
64	A Hyperactive Neutrophil Phenotype in Patients With Refractory Periodontitis. Journal of Periodontology, 2007, 78, 1788-1794.	1.7	63
65	The Neutrophil: Constant Defender and First Responder. Frontiers in Immunology, 2020, 11, 571085.	2.2	62
66	Refractory Periodontitis Population Characterized by a Hyperactive Oral Neutrophil Phenotype. Journal of Periodontology, 2011, 82, 726-733.	1.7	61
67	Resolving Macrophages Counter Osteolysis by Anabolic Actions on Bone Cells. Journal of Dental Research, 2018, 97, 1160-1169.	2.5	59
68	Polarization and directed migration of murine neutrophils is dependent on cell surface expression of CD44. Cellular Immunology, 2004, 231, 146-157.	1.4	55
69	A new method for application of force to cells via ferric oxide beads. Pflugers Archiv European Journal of Physiology, 1997, 435, 320.	1.3	53
70	Human Neutrophils Coordinate Chemotaxis by Differential Activation of Rac1 and Rac2. Journal of Immunology, 2009, 183, 2718-2728.	0.4	53
71	Pivotal Advance: Phospholipids determine net membrane surface charge resulting in differential localization of active Rac1 and Rac2. Journal of Leukocyte Biology, 2009, 87, 545-555.	1.5	53
72	Neural crest cell-specific deletion of Rac1 results in defective cellâ€"matrix interactions and severe craniofacial and cardiovascular malformations. Developmental Biology, 2010, 340, 613-625.	0.9	53

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73	Aquaporin 9 phosphorylation mediates membrane localization and neutrophil polarization. Journal of Leukocyte Biology, 2011, 90, 963-973.	1.5	53
74	The Role of NrF2 in the Regulation of Periodontal Health and Disease. Journal of Dental Research, 2017, 96, 975-983.	2.5	53
75	Calcium ions and tyrosine phosphorylation interact coordinately with actin to regulate cytoprotective responses to stretching. Journal of Cell Science, 1997, 110 (Pt 1), 11-21.	1.2	53
76	Gelsolin Mediates Collagen Phagocytosis through a Rac-dependent Step. Molecular Biology of the Cell, 2004, 15, 588-599.	0.9	52
77	Innate immunity and arthritis: Neutrophil Rac and toll-like receptor 4 expression define outcomes in infection-triggered arthritis. Arthritis and Rheumatism, 2005, 52, 1297-1304.	6.7	51
78	Integrin Î²1 Regulates Phagosome Maturation in Macrophages through Rac Expression. Journal of Immunology, 2008, 180, 2419-2428.	0.4	50
79	Introduction of large molecules into viable fibroblasts by electroporation: Optimization of loading and identification of labeled cellular compartments. Experimental Cell Research, 1992, 200, 227-234.	1.2	49
80	Induced Endocytosis in Human Fibroblasts by Electrical Fields. Experimental Cell Research, 1993, 208, 232-240.	1.2	48
81	Nitric oxide enhances osteoclastogenesis possibly by mediating cell fusion. Nitric Oxide - Biology and Chemistry, 2009, 21, 27-36.	1.2	48
82	The role of Rac1 and Rac2 in bacterial killing. Cellular Immunology, 2005, 235, 92-97.	1.4	47
83	Zoledronate and pamidronate depress neutrophil functions and survival in mice. British Journal of Pharmacology, 2012, 165, 532-539.	2.7	46
84	Neutrophil transcriptional profile changes during transit from bone marrow to sites of inflammation. Cellular and Molecular Immunology, 2015, 12, 53-65.	4.8	46
85	Global Analysis of Neutrophil Responses to Neisseria gonorrhoeae Reveals a Self-Propagating Inflammatory Program. PLoS Pathogens, 2014, 10, e1004341.	2.1	45
86	Periodontal Inflammation Primes the Systemic Innate Immune Response. Journal of Dental Research, 2021, 100, 318-325.	2.5	45
87	Diabetes Mellitus and Periodontal Diseases. Current Diabetes Reports, 2013, 13, 445-452.	1.7	43
88	Timing of neutrophil tissue repopulation predicts restoration of innate immune protection in a murine bone marrow transplantation model. Blood, 2006, 108, 2821-2826.	0.6	41
89	Sbds is required for Rac2-mediated monocyte migration and signaling downstream of RANK during osteoclastogenesis. Blood, 2011, 117, 2044-2053.	0.6	40
90	Resveratrol derivativeâ€rich melinjo seed extract induces healing in a murine model of established periodontitis. Journal of Periodontology, 2018, 89, 586-595.	1.7	38

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91	Primed PMNs in healthy mouse and human circulation are first responders during acute inflammation. Blood Advances, 2019, 3, 1622-1637.	2.5	38
92	Control of neutrophil pseudopods by fluid shear: role of Rho family GTPases. American Journal of Physiology - Cell Physiology, 2005, 288, C863-C871.	2.1	37
93	Neutrophil Dysfunction and Host Susceptibility to Periodontal Inflammation: Current State of Knowledge. Current Oral Health Reports, 2014, 1, 95-103.	0.5	37
94	Social-Biological Interactions in Oral Disease: A â€˜Cells to Societyâ€™ View. PLoS ONE, 2016, 11, e0146218.	1.1	37
95	Oral Neutrophils Display a Site-Specific Phenotype Characterized by Expression of T-Cell Receptors. Journal of Periodontology, 2013, 84, 1493-1503.	1.7	36
96	GEF-H1 is necessary for neutrophil shear stressâ€“induced migration during inflammation. Journal of Cell Biology, 2016, 215, 107-119.	2.3	36
97	Control of antiviral innate immune response by protein geranylgeranylation. Science Advances, 2019, 5, eaav7999.	4.7	36
98	Blockade of TLR2 Inhibits Porphyromonas gingivalis Suppression of Mineralized Matrix Formation by Human Dental Pulp Stem Cells. Journal of Endodontics, 2011, 37, 812-818.	1.4	35
99	Quantification and Visualization of Neutrophil Extracellular Traps (NETs) from Murine Bone Marrow-Derived Neutrophils. Methods in Molecular Biology, 2013, 1031, 41-50.	0.4	35
100	Protein adsorption capability on polyurethane and modified-polyurethane membrane for periodontal guided tissue regeneration applications. Materials Science and Engineering C, 2016, 68, 267-275.	3.8	34
101	Role of Rac1 in a bleomycinâ€induced scleroderma model using fibroblastâ€specific Rac1â€knockout mice. Arthritis and Rheumatism, 2008, 58, 2189-2195.	6.7	33
102	Neutrophils and oral squamous cell carcinoma: lessons learned and future directions. Journal of Leukocyte Biology, 2014, 96, 695-702.	1.5	33
103	Cell-substrate separation: effect of applied force and temperature. European Biophysics Journal, 1998, 27, 9-17.	1.2	32
104	Osteopetrosis Mutation R444L Causes Endoplasmic Reticulum Retention and Misprocessing of Vacuolar H+-ATPase a3 Subunit. Journal of Biological Chemistry, 2012, 287, 26829-26839.	1.6	32
105	The Lipid Kinase PIKfyve Coordinates the Neutrophil Immune Response through the Activation of the Rac GTPase. Journal of Immunology, 2017, 199, 2096-2105.	0.4	31
106	Modulation of Human Neutrophil Functions In Vitro by Treponema denticola Major Outer Sheath Protein. Infection and Immunity, 2006, 74, 1954-1957.	1.0	29
107	Role of actin filaments in fusopod formation and osteoclastogenesis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1715-1724.	1.9	29
108	Longâ€term neuroplasticity of the face primary motor cortex and adjacent somatosensory cortex induced by tooth loss can be reversed following dental implant replacement in rats. Journal of Comparative Neurology, 2015, 523, 2372-2389.	0.9	29

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109	Peptidomic Analysis of Urine from Youths with Early Type 1 Diabetes Reveals Novel Bioactivity of Uromodulin Peptides In Vitro. Molecular and Cellular Proteomics, 2020, 19, 501-517.	2.5	29
110	Impaired Resolution of Inflammation in theEndoglinHeterozygous Mouse Model of Chronic Colitis. Mediators of Inflammation, 2014, 2014, 1-13.	1.4	28
111	SLIT2/ROBO1-signaling inhibits macropinocytosis by opposing cortical cytoskeletal remodeling. Nature Communications, 2020, 11, 4112.	5.8	26
112	Induction of De Novo Subcortical Actin Filament Assembly by Treponema denticola Major Outer Sheath Protein. Infection and Immunity, 2004, 72, 3650-3654.	1.0	25
113	A noninvasive oral rinse assay to monitor engraftment, neutrophil tissue delivery and susceptibility to infection following HSCT in pediatric patients. Bone Marrow Transplantation, 2005, 36, 227-232.	1.3	25
114	The major outer sheath protein of Treponema denticola selectively inhibits Rac1 activation in murine neutrophils. Cellular Microbiology, 2007, 10, 070917035030001-???.	1.1	25
115	The effect of bisphosphonate therapy on neutrophil function: a potential biomarker. International Journal of Oral and Maxillofacial Surgery, 2013, 42, 619-626.	0.7	25
116	Morphological characterization of paraâ€•and proinflammatory neutrophil phenotypes using transmission electron microscopy. Journal of Periodontal Research, 2018, 53, 972-982.	1.4	25
117	The Biology of Social Adversity Applied to Oral Health. Journal of Dental Research, 2019, 98, 1442-1449.	2.5	25
118	Treponema denticola Outer Membrane Inhibits Calcium Flux in Gingival Fibroblasts. Infection and Immunity, 1998, 66, 703-709.	1.0	25
119	Treponema denticola Major Outer Sheath Protein Induces Actin Assembly at Free Barbed Ends by a PIP2-Dependent Uncapping Mechanism in Fibroblasts. PLoS ONE, 2011, 6, e23736.	1.1	24
120	IL1Î² and TNFÎ± promote RANKL-dependent adseverin expression and osteoclastogenesis. Journal of Cell Science, 2018, 131, .	1.2	24
121	Targeting the isoprenoid pathway to abrogate progression of pulmonary fibrosis. Free Radical Biology and Medicine, 2015, 86, 47-56.	1.3	23
122	Rac2-Deficiency Leads to Exacerbated and Protracted Colitis in Response to Citrobacter rodentium Infection. PLoS ONE, 2013, 8, e61629.	1.1	22
123	Filamin-A Regulates Neutrophil Uropod Retraction through RhoA during Chemotaxis. PLoS ONE, 2013, 8, e79009.	1.1	21
124	The Actin Binding Protein Adseverin Regulates Osteoclastogenesis. PLoS ONE, 2014, 9, e109078.	1.1	21
125	Rac-Null Leukocytes Are Associated with Increased Inflammation-Mediated Alveolar Bone Loss. American Journal of Pathology, 2014, 184, 472-482.	1.9	21
126	Factors Influencing Adoption of New Technologies into Dental Practice. JDR Clinical and Translational Research, 2016, 1, 77-85.	1.1	21

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127	Oral and Blood Neutrophil Activation States during Experimental Gingivitis. JDR Clinical and Translational Research, 2018, 3, 65-75.	1.1	21
128	Human neutrophils degrade methacrylate resin composites and tooth dentin. Acta Biomaterialia, 2019, 88, 325-331.	4.1	21
129	Requirement for Vav Proteins in Post-Recruitment Neutrophil Cytotoxicity in IgG but Not Complement C3-Dependent Injury. Journal of Immunology, 2008, 180, 6279-6287.	0.4	20
130	Novel Assay To Characterize Neutrophil Responses to Oral Biofilms. Infection and Immunity, 2019, 87, .	1.0	20
131	Specific inhibition of skeletal Î±-actin gene transcription by applied mechanical forces through integrins and actin. Biochemical Journal, 1999, 341, 647.	1.7	19
132	CD109 Plays a Role in Osteoclastogenesis. PLoS ONE, 2013, 8, e61213.	1.1	19
133	Expression and translocation of fluorescent-tagged p21-activated kinase-binding domain and PH domain of protein kinase B during murine neutrophil chemotaxis. Journal of Leukocyte Biology, 2007, 82, 559-566.	1.5	18
134	Hyperglycemia Impairs Neutrophil-Mediated Bacterial Clearance in Mice Infected with the Lyme Disease Pathogen. PLoS ONE, 2016, 11, e0158019.	1.1	18
135	Identification of quantitative trait loci influencing inflammationâ€mediated alveolar bone loss: insights into polygenic inheritance of hostâ€“biofilm disequilibria in periodontitis. Journal of Periodontal Research, 2016, 51, 237-249.	1.4	18
136	Infection with the Lyme disease pathogen suppresses innate immunity in mice with diet-induced obesity. Cellular Microbiology, 2017, 19, e12689.	1.1	17
137	Epithelialâ€specific knockout of the Rac1 gene leads to enamel defects. European Journal of Oral Sciences, 2011, 119, 168-176.	0.7	16
138	Stressed-Out Oral Immunity: A Gateway From Socioeconomic Adversity to Periodontal Disease. Psychosomatic Medicine, 2020, 82, 126-137.	1.3	16
139	Deleting Rac1 improves vertebral bone quality and resistance to fracture in a murine ovariectomy model. Osteoporosis International, 2011, 22, 1481-1492.	1.3	15
140	A 3D scanning confocal imaging method measures pit volume and captures the role of Rac in osteoclast function. Bone, 2012, 51, 145-152.	1.4	15
141	Adseverin plays a role in osteoclast differentiation and periodontal diseaseâ€mediated bone loss. FASEB Journal, 2015, 29, 2281-2291.	0.2	15
142	Analysis of Human and Mouse Neutrophil Phagocytosis by Flow Cytometry. Methods in Molecular Biology, 2017, 1519, 17-24.	0.4	15
143	Scinderin promotes fusion of electron transport chain dysfunctional muscle stem cells with myofibers. Nature Aging, 2022, 2, 155-169.	5.3	15
144	Salivary Cytoprotective Proteins in Inflammation and Resolution during Experimental Gingivitisâ€”A Pilot Study. Frontiers in Cellular and Infection Microbiology, 2016, 5, 92.	1.8	14

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145	What influences the clinical decision-making of dentists? A cross-sectional study. PLoS ONE, 2020, 15, e0233652.	1.1	14
146	Prevalence of oral diseases in Shwachman-Diamond syndrome. Special Care in Dentistry, 2007, 27, 52-58.	0.4	13
147	Natural and synthetic bone replacement graft materials for dental and maxillofacial applications. , 2019, , 347-376.		13
148	TNFÎ± Signaling Is Increased in Progressing Oral Potentially Malignant Disorders and Regulates Malignant Transformation in an Oral Carcinogenesis Model. Frontiers in Oncology, 2021, 11, 741013.	1.3	13
149	Treponema denticola Major Outer Sheath Protein Impairs the Cellular Phosphoinositide Balance That Regulates Neutrophil Chemotaxis. PLoS ONE, 2013, 8, e66209.	1.1	12
150	How does the social â€œget under the gumsâ€? The role of socio-economic position in the oral-systemic health link. Canadian Journal of Public Health, 2017, 108, e224-e228.	1.1	12
151	Metabolites of the oral microbiome: important mediators of multikingdom interactions. FEMS Microbiology Reviews, 2022, 46, .	3.9	12
152	Oral Neutrophil Levels: A Screening Test for Oral Inflammatory Load in Pregnancy in a Medical Setting. Journal of Periodontology, 2015, 86, 72-81.	1.7	11
153	Bioaggregate Inhibits Osteoclast Differentiation, Fusion, andÂBone Resorption InÂVitro. Journal of Endodontics, 2015, 41, 1500-1506.	1.4	11
154	Oral neutrophils are an independent marker of the systemic inflammatory response after cardiac bypass. Journal of Inflammation, 2014, 11, 32.	1.5	10
155	Evaluation of periodontal disease and oral inflammatory load in adults with special needs using oral neutrophil quantification. Special Care in Dentistry, 2014, 34, 303-312.	0.4	10
156	Human neutrophils compromise the restoration-tooth interface. Acta Biomaterialia, 2020, 117, 283-293.	4.1	10
157	Tissue-specific murine neutrophil activation states in health and inflammation. Journal of Leukocyte Biology, 2021, 110, 187-195.	1.5	10
158	Oral inflammatory load: Neutrophils as oral health biomarkers. Journal of Periodontal Research, 2020, 55, 594-601.	1.4	10
159	Rac1 and Rac2 in Osteoclastogenesis: A Cell Immortalization Model. Calcified Tissue International, 2009, 85, 257-266.	1.5	9
160	Role of PTPÎ± in the Destruction of Periodontal Connective Tissues. PLoS ONE, 2013, 8, e70659.	1.1	9
161	Bcl10 synergistically links CEACAM3 and TLR-dependent inflammatory signalling. Cellular Microbiology, 2018, 20, e12788.	1.1	9
162	Adseverin, an actin binding protein, regulates articular chondrocyte phenotype. Journal of Tissue Engineering and Regenerative Medicine, 2019, 13, 1438-1452.	1.3	9

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163	AP-002: A novel inhibitor of osteoclast differentiation and function without disruption of osteogenesis. European Journal of Pharmacology, 2020, 889, 173613.	1.7	9
164	The Crossroads of Periodontitis and Oral Squamous Cell Carcinoma: Immune Implications and Tumor Promoting Capacities. Frontiers in Oral Health, 2020, 1, 584705.	1.2	9
165	Oral healthâ€related quality of life of children with neutropenia. Special Care in Dentistry, 2007, 27, 6-11.	0.4	8
166	Adaptor Protein SLAT Modulates FcÎ³ Receptor-mediated Phagocytosis in Murine Macrophages. Journal of Biological Chemistry, 2009, 284, 11882-11891.	1.6	8
167	Rac1 Deletion Causes Thymic Atrophy. PLoS ONE, 2011, 6, e19292.	1.1	8
168	In Vivo Bone Effects of a Novel Bisphosphonateâ€EP4a Conjugate Drug (C3) for Reversing Osteoporotic Bone Loss in an Ovariectomized Rat Model. JBMR Plus, 2019, 3, e10237.	1.3	8
169	Achieving enhanced bone regeneration using monetite granules with bone anabolic drug conjugates (C3 and C6) in rat mandibular defects. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 2670-2680.	1.6	8
170	Clinical practice guidelines for dental management prior to radiation for head and neck cancer. Oral Oncology, 2021, 123, 105604.	0.8	8
171	An actin-stabilizing peptide conjugate deduced from the major outer sheath protein of the bacteriumTreponema denticola. Cytoskeleton, 2007, 64, 662-674.	4.4	7
172	Neutrophil functions in patients with inherited bone marrow failure syndromes. Pediatric Blood and Cancer, 2011, 57, 306-309.	0.8	7
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