

# Michael Glogauer

## List of Publications by Citations

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219  
papers

10,913  
citations

56  
h-index

99  
g-index

244  
ext. papers

12,787  
ext. citations

5.3  
avg, IF

6.27  
L-index

#	Paper	IF	Citations
219	Scaling the microrheology of living cells. <i>Physical Review Letters</i> , <b>2001</b> , 87, 148102	7.4	897
218	A mouse model of TSC1 reveals sex-dependent lethality from liver hemangiomas, and up-regulation of p70S6 kinase activity in Tsc1 null cells. <i>Human Molecular Genetics</i> , <b>2002</b> , 11, 525-34	5.6	489
217	Activation of antibacterial autophagy by NADPH oxidases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 6226-31	11.5	449
216	Biodegradable Materials for Bone Repair and Tissue Engineering Applications. <i>Materials</i> , <b>2015</b> , 8, 5744-5794	3.94	373
215	Endocytic protein intersectin-1 regulates actin assembly via Cdc42 and N-WASP. <i>Nature Cell Biology</i> , <b>2001</b> , 3, 927-32	23.4	312
214	Macrophages, Foreign Body Giant Cells and Their Response to Implantable Biomaterials. <i>Materials</i> , <b>2015</b> , 8, 5671-5701	3.5	306
213	Time scale and other invariants of integrative mechanical behavior in living cells. <i>Physical Review E</i> , <b>2003</b> , 68, 041914	2.4	271
212	Rac1 deletion in mouse neutrophils has selective effects on neutrophil functions. <i>Journal of Immunology</i> , <b>2003</b> , 170, 5652-7	5.3	251
211	Stem cell depletion through epidermal deletion of Rac1. <i>Science</i> , <b>2005</b> , 309, 933-5	33.3	227
210	Intracellular osteopontin is an integral component of the CD44-ERM complex involved in cell migration. <i>Journal of Cellular Physiology</i> , <b>2000</b> , 184, 118-30	7	216
209	The role of actin-binding protein 280 in integrin-dependent mechanoprotection. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 1689-98	5.4	196
208	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 Peri-Implant Diseases and Conditions. <i>Journal of Periodontology</i> , <b>2018</b> , 89 Suppl 1, S74-S84	4.6	191
207	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 Peri-Implant Diseases and Conditions. <i>Journal of Clinical Periodontology</i> , <b>2018</b> , 45 Suppl 20, S68-S77	7.7	167
206	Rac1 is the small GTPase responsible for regulating the neutrophil chemotaxis compass. <i>Blood</i> , <b>2004</b> , 104, 3758-65	2.2	160
205	Neutrophil Diversity in Health and Disease. <i>Trends in Immunology</i> , <b>2019</b> , 40, 565-583	14.4	158
204	Calcium ions and tyrosine phosphorylation interact coordinately with actin to regulate cytoprotective responses to stretching. <i>Journal of Cell Science</i> , <b>1997</b> , 110, 11-21	5.3	157
203	Natural graft tissues and synthetic biomaterials for periodontal and alveolar bone reconstructive applications: a review. <i>Biomaterials Research</i> , <b>2017</b> , 21, 9	16.8	155

202	Requirements for Vav guanine nucleotide exchange factors and Rho GTPases in FcγR- and complement-mediated phagocytosis. <i>Immunity</i> , <b>2006</b> , 24, 305-16	32.3	147
201	Magnetic fields applied to collagen-coated ferric oxide beads induce stretch-activated Ca <sup>2+</sup> flux in fibroblasts. <i>American Journal of Physiology - Cell Physiology</i> , <b>1995</b> , 269, C1093-104	5.4	134
200	NADPH oxidase complex and IBD candidate gene studies: identification of a rare variant in NCF2 that results in reduced binding to RAC2. <i>Gut</i> , <b>2012</b> , 61, 1028-35	19.2	129
199	Contrasting phagosome pH regulation and maturation in human M1 and M2 macrophages. <i>Molecular Biology of the Cell</i> , <b>2014</b> , 25, 3330-41	3.5	116
198	Role of osteopontin in neutrophil function. <i>Immunology</i> , <b>2007</b> , 122, 466-75	7.8	112
197	Mechanisms of Degradation and Resorption of Calcium Phosphate Based Biomaterials. <i>Materials</i> , <b>2015</b> , 8, 7913-7925	3.5	111
196	Identifying the relative contributions of Rac1 and Rac2 to osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , <b>2008</b> , 23, 260-70	6.3	103
195	Two pathways through Cdc42 couple the N-formyl receptor to actin nucleation in permeabilized human neutrophils. <i>Journal of Cell Biology</i> , <b>2000</b> , 150, 785-96	7.3	103
194	CD44 is a phagocytic receptor. <i>Blood</i> , <b>2006</b> , 107, 4149-58	2.2	99
193	A common cofilin activity cycle in invasive tumor cells and inflammatory cells. <i>Journal of Cell Science</i> , <b>2009</b> , 122, 305-11	5.3	98
192	Rac1 and Rac2 differentially regulate actin free barbed end formation downstream of the fMLP receptor. <i>Journal of Cell Biology</i> , <b>2007</b> , 179, 239-45	7.3	96
191	Bone Replacement Materials and Techniques Used for Achieving Vertical Alveolar Bone Augmentation. <i>Materials</i> , <b>2015</b> , 8, 2953-2993	3.5	92
190	Rac2 is required for the formation of neutrophil extracellular traps. <i>Journal of Leukocyte Biology</i> , <b>2011</b> , 90, 771-6	6.5	87
189	Chemotactic signaling pathways in neutrophils: from receptor to actin assembly. <i>Critical Reviews in Oral Biology and Medicine</i> , <b>2002</b> , 13, 220-8		84
188	Cytosolic phospholipase A2-α is necessary for platelet-activating factor biosynthesis, efficient neutrophil-mediated bacterial killing, and the innate immune response to pulmonary infection: cPLA2-α does not regulate neutrophil NADPH oxidase activity. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 7519-29	5.4	83
187	Genetic ablation of Rac1 in cartilage results in chondrodysplasia. <i>Developmental Biology</i> , <b>2007</b> , 306, 612-23	3.3	82
186	Calcium-sensing receptors signal constitutive macropinocytosis and facilitate the uptake of NOD2 ligands in macrophages. <i>Nature Communications</i> , <b>2016</b> , 7, 11284	17.4	81
185	Rac1 links leading edge and uropod events through Rho and myosin activation during chemotaxis. <i>Blood</i> , <b>2006</b> , 108, 2814-20	2.2	81

184	Diabetes and periodontal diseases: interplay and links. <i>Current Diabetes Reviews</i> , <b>2011</b> , 7, 433-9	2.7	80
183	Collagen based barrier membranes for periodontal guided bone regeneration applications. <i>Odontology / the Society of the Nippon Dental University</i> , <b>2017</b> , 105, 1-12	3.6	79
182	Probiotic <i>Lactobacillus rhamnosus</i> inhibits the formation of neutrophil extracellular traps. <i>Journal of Immunology</i> , <b>2014</b> , 192, 1870-7	5.3	78
181	Oral neutrophil quantitation in patients undergoing elective cardiopulmonary bypass. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
180	Identification of neutrophil surface marker changes in health and inflammation using high-throughput screening flow cytometry. <i>Experimental Cell Research</i> , <b>2016</b> , 342, 200-9	4.2	77
179	Regulation of stretch-activated intracellular calcium transients by actin filaments. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 261, 419-25	3.4	75
178	Distinct Oral Neutrophil Subsets Define Health and Periodontal Disease States. <i>Journal of Dental Research</i> , <b>2016</b> , 95, 931-8	8.1	74
177	The phosphatidylserine receptor TIM4 utilizes integrins as coreceptors to effect phagocytosis. <i>Molecular Biology of the Cell</i> , <b>2014</b> , 25, 1511-22	3.5	74
176	Cytoskeletal remodeling in leukocyte function. <i>Current Opinion in Hematology</i> , <b>2004</b> , 11, 15-24	3.3	74
175	The <i>N. gonorrhoeae</i> type IV pilus stimulates mechanosensitive pathways and cytoprotection through a pILT-dependent mechanism. <i>PLoS Biology</i> , <b>2005</b> , 3, e100	9.7	72
174	Cadherin-11-mediated adhesion of macrophages to myofibroblasts establishes a profibrotic niche of active TGF- $\beta$ . <i>Science Signaling</i> , <b>2019</b> , 12,	8.8	72
173	Macrophage subsets and osteoimmunology: tuning of the immunological recognition and effector systems that maintain alveolar bone. <i>Periodontology 2000</i> , <b>2013</b> , 63, 80-101	12.9	68
172	Vav proteins in neutrophils are required for Fc $\gamma$ R-mediated signaling to Rac GTPases and nicotinamide adenine dinucleotide phosphate oxidase component p40(phox). <i>Journal of Immunology</i> , <b>2006</b> , 177, 6388-97	5.3	67
171	Oral neutrophil transcriptome changes result in a pro-survival phenotype in periodontal diseases. <i>PLoS ONE</i> , <b>2013</b> , 8, e68983	3.7	64
170	The axonal repellent, Slit2, inhibits directional migration of circulating neutrophils. <i>Journal of Leukocyte Biology</i> , <b>2009</b> , 86, 1403-15	6.5	62
169	Macrophage mesenchymal migration requires podosome stabilization by filamin A. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 13051-62	5.4	60
168	Quantifying oral inflammatory load: oral neutrophil counts in periodontal health and disease. <i>Journal of Periodontal Research</i> , <b>2015</b> , 50, 330-6	4.3	59
167	Modulation of reactive oxygen species by Rac1 or catalase prevents asbestos-induced pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2009</b> , 297, L846-55	5.8	59

166	Filamin A regulates cell spreading and survival via beta1 integrins. <i>Experimental Cell Research</i> , <b>2008</b> , 314, 834-46	4.2	59
165	Single nucleotide polymorphisms that increase expression of the guanosine triphosphatase RAC1 are associated with ulcerative colitis. <i>Gastroenterology</i> , <b>2011</b> , 141, 633-41	13.3	58
164	Rac regulates PtdInsP3 signaling and the chemotactic compass through a redox-mediated feedback loop. <i>Blood</i> , <b>2011</b> , 118, 6164-71	2.2	56
163	Novel rinse assay for the quantification of oral neutrophils and the monitoring of chronic periodontal disease. <i>Journal of Periodontal Research</i> , <b>2006</b> , 41, 214-20	4.3	54
162	Calcium ions and tyrosine phosphorylation interact coordinately with actin to regulate cytoprotective responses to stretching. <i>Journal of Cell Science</i> , <b>1997</b> , 110 ( Pt 1), 11-21	5.3	52
161	Filamin A regulates monocyte migration through Rho small GTPases during osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , <b>2010</b> , 25, 1077-91	6.3	51
160	Human neutrophils coordinate chemotaxis by differential activation of Rac1 and Rac2. <i>Journal of Immunology</i> , <b>2009</b> , 183, 2718-28	5.3	49
159	A new method for application of force to cells via ferric oxide beads. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1998</b> , 435, 320-7	4.6	48
158	Polarization and directed migration of murine neutrophils is dependent on cell surface expression of CD44. <i>Cellular Immunology</i> , <b>2004</b> , 231, 146-57	4.4	48
157	Gelsolin mediates collagen phagocytosis through a rac-dependent step. <i>Molecular Biology of the Cell</i> , <b>2004</b> , 15, 588-99	3.5	47
156	Circulating NOD1 Activators and Hematopoietic NOD1 Contribute to Metabolic Inflammation and Insulin Resistance. <i>Cell Reports</i> , <b>2017</b> , 18, 2415-2426	10.6	46
155	Refractory periodontitis population characterized by a hyperactive oral neutrophil phenotype. <i>Journal of Periodontology</i> , <b>2011</b> , 82, 726-33	4.6	46
154	Induced endocytosis in human fibroblasts by electrical fields. <i>Experimental Cell Research</i> , <b>1993</b> , 208, 232-40	4.0	46
153	Integrin beta 1 regulates phagosome maturation in macrophages through Rac expression. <i>Journal of Immunology</i> , <b>2008</b> , 180, 2419-28	5.3	45
152	Innate immunity and arthritis: neutrophil Rac and toll-like receptor 4 expression define outcomes in infection-triggered arthritis. <i>Arthritis and Rheumatism</i> , <b>2005</b> , 52, 1297-304		45
151	Periodontitis is an inflammatory disease of oxidative stress: We should treat it that way. <i>Periodontology 2000</i> , <b>2020</b> , 84, 45-68	12.9	45
150	Nucleic Acid-Targeting Pathways Promote Inflammation in Obesity-Related Insulin Resistance. <i>Cell Reports</i> , <b>2016</b> , 16, 717-30	10.6	45
149	The role of Rac1 and Rac2 in bacterial killing. <i>Cellular Immunology</i> , <b>2005</b> , 235, 92-7	4.4	44

148	Introduction of large molecules into viable fibroblasts by electroporation: optimization of loading and identification of labeled cellular compartments. <i>Experimental Cell Research</i> , <b>1992</b> , 200, 227-34	4.2	44
147	Neural crest cell-specific deletion of Rac1 results in defective cell-matrix interactions and severe craniofacial and cardiovascular malformations. <i>Developmental Biology</i> , <b>2010</b> , 340, 613-25	3.1	43
146	A hyperactive neutrophil phenotype in patients with refractory periodontitis. <i>Journal of Periodontology</i> , <b>2007</b> , 78, 1788-94	4.6	43
145	Pivotal Advance: Phospholipids determine net membrane surface charge resulting in differential localization of active Rac1 and Rac2. <i>Journal of Leukocyte Biology</i> , <b>2010</b> , 87, 545-55	6.5	42
144	Nitric oxide enhances osteoclastogenesis possibly by mediating cell fusion. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2009</b> , 21, 27-36	5	41
143	An Overview of the Derivation and Function of Multinucleated Giant Cells and Their Role in Pathologic Processes. <i>American Journal of Pathology</i> , <b>2019</b> , 189, 1145-1158	5.8	40
142	Nuclear Factor Erythroid 2-Related Factor 2 Down-Regulation in Oral Neutrophils Is Associated with Periodontal Oxidative Damage and Severe Chronic Periodontitis. <i>American Journal of Pathology</i> , <b>2016</b> , 186, 1417-26	5.8	39
141	Resolving Macrophages Counter Osteolysis by Anabolic Actions on Bone Cells. <i>Journal of Dental Research</i> , <b>2018</b> , 97, 1160-1169	8.1	38
140	Aquaporin 9 phosphorylation mediates membrane localization and neutrophil polarization. <i>Journal of Leukocyte Biology</i> , <b>2011</b> , 90, 963-73	6.5	38
139	Neutrophil transcriptional profile changes during transit from bone marrow to sites of inflammation. <i>Cellular and Molecular Immunology</i> , <b>2015</b> , 12, 53-65	15.4	37
138	Diabetes mellitus and periodontal diseases. <i>Current Diabetes Reports</i> , <b>2013</b> , 13, 445-52	5.6	37
137	Global analysis of neutrophil responses to <i>Neisseria gonorrhoeae</i> reveals a self-propagating inflammatory program. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004341	7.6	36
136	Timing of neutrophil tissue repopulation predicts restoration of innate immune protection in a murine bone marrow transplantation model. <i>Blood</i> , <b>2006</b> , 108, 2821-6	2.2	35
135	Control of neutrophil pseudopods by fluid shear: role of Rho family GTPases. <i>American Journal of Physiology - Cell Physiology</i> , <b>2005</b> , 288, C863-71	5.4	35
134	Zoledronate and pamidronate depress neutrophil functions and survival in mice. <i>British Journal of Pharmacology</i> , <b>2012</b> , 165, 532-9	8.6	33
133	GEF-H1 is necessary for neutrophil shear stress-induced migration during inflammation. <i>Journal of Cell Biology</i> , <b>2016</b> , 215, 107-119	7.3	32
132	Sbds is required for Rac2-mediated monocyte migration and signaling downstream of RANK during osteoclastogenesis. <i>Blood</i> , <b>2011</b> , 117, 2044-53	2.2	32
131	The Role of NrF2 in the Regulation of Periodontal Health and Disease. <i>Journal of Dental Research</i> , <b>2017</b> , 96, 975-983	8.1	31

130	Cell-substrate separation: effect of applied force and temperature. <i>European Biophysics Journal</i> , <b>1998</b> , 27, 9-17	1.9	31
129	Role of Rac1 in a bleomycin-induced scleroderma model using fibroblast-specific Rac1-knockout mice. <i>Arthritis and Rheumatism</i> , <b>2008</b> , 58, 2189-95		30
128	Neutrophil Dysfunction and Host Susceptibility to Periodontal Inflammation: Current State of Knowledge. <i>Current Oral Health Reports</i> , <b>2014</b> , 1, 95-103	1.2	29
127	Osteopetrosis mutation R444L causes endoplasmic reticulum retention and misprocessing of vacuolar H <sup>+</sup> -ATPase $\alpha$ 3 subunit. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 26829-39	5.4	29
126	Protein adsorption capability on polyurethane and modified-polyurethane membrane for periodontal guided tissue regeneration applications. <i>Materials Science and Engineering C</i> , <b>2016</b> , 68, 267-273	8.2	28
125	Neutrophils and oral squamous cell carcinoma: lessons learned and future directions. <i>Journal of Leukocyte Biology</i> , <b>2014</b> , 96, 695-702	6.5	27
124	Blockade of TLR2 inhibits Porphyromonas gingivalis suppression of mineralized matrix formation by human dental pulp stem cells. <i>Journal of Endodontics</i> , <b>2011</b> , 37, 812-8	4.7	27
123	Modulation of human neutrophil functions in vitro by Treponema denticola major outer sheath protein. <i>Infection and Immunity</i> , <b>2006</b> , 74, 1954-7	3.7	27
122	Macrophage immunomodulation in chronic osteolytic diseases-the case of periodontitis. <i>Journal of Leukocyte Biology</i> , <b>2019</b> , 105, 473-487	6.5	27
121	Oral neutrophils display a site-specific phenotype characterized by expression of T-cell receptors. <i>Journal of Periodontology</i> , <b>2013</b> , 84, 1493-503	4.6	26
120	Long-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. <i>Journal of Comparative Neurology</i> , <b>2015</b> , 523, 2372-89	3.4	24
119	Control of antiviral innate immune response by protein geranylgeranylation. <i>Science Advances</i> , <b>2019</b> , 5, eaav7999	14.3	23
118	Induction of de novo subcortical actin filament assembly by Treponema denticola major outer sheath protein. <i>Infection and Immunity</i> , <b>2004</b> , 72, 3650-4	3.7	23
117	A noninvasive oral rinse assay to monitor engraftment, neutrophil tissue delivery and susceptibility to infection following HSCT in pediatric patients. <i>Bone Marrow Transplantation</i> , <b>2005</b> , 36, 227-32	4.4	23
116	Treponema denticola outer membrane inhibits calcium flux in gingival fibroblasts. <i>Infection and Immunity</i> , <b>1998</b> , 66, 703-9	3.7	23
115	The major outer sheath protein of Treponema denticola selectively inhibits Rac1 activation in murine neutrophils. <i>Cellular Microbiology</i> , <b>2008</b> , 10, 344-54	3.9	22
114	Quantification and visualization of neutrophil extracellular traps (NETs) from murine bone marrow-derived neutrophils. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1031, 41-50	1.4	22
113	Resveratrol derivative-rich melinjo seed extract induces healing in a murine model of established periodontitis. <i>Journal of Periodontology</i> , <b>2018</b> , 89, 586-595	4.6	22

112	Primed PMNs in healthy mouse and human circulation are first responders during acute inflammation. <i>Blood Advances</i> , <b>2019</b> , 3, 1622-1637	7.8	21
111	Targeting the isoprenoid pathway to abrogate progression of pulmonary fibrosis. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 86, 47-56	7.8	21
110	Impaired resolution of inflammation in the Endoglin heterozygous mouse model of chronic colitis. <i>Mediators of Inflammation</i> , <b>2014</b> , 2014, 767185	4.3	21
109	Role of actin filaments in fusopod formation and osteoclastogenesis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2015</b> , 1853, 1715-24	4.9	19
108	Peptidomic Analysis of Urine from Youths with Early Type 1 Diabetes Reveals Novel Bioactivity of Uromodulin Peptides. <i>Molecular and Cellular Proteomics</i> , <b>2020</b> , 19, 501-517	7.6	19
107	Rac2-deficiency leads to exacerbated and protracted colitis in response to <i>Citrobacter rodentium</i> infection. <i>PLoS ONE</i> , <b>2013</b> , 8, e61629	3.7	19
106	Filamin-A regulates neutrophil uropod retraction through RhoA during chemotaxis. <i>PLoS ONE</i> , <b>2013</b> , 8, e79009	3.7	19
105	<i>Treponema denticola</i> major outer sheath protein induces actin assembly at free barbed ends by a PIP2-dependent uncapping mechanism in fibroblasts. <i>PLoS ONE</i> , <b>2011</b> , 6, e23736	3.7	19
104	The Lipid Kinase PIKfyve Coordinates the Neutrophil Immune Response through the Activation of the Rac GTPase. <i>Journal of Immunology</i> , <b>2017</b> , 199, 2096-2105	5.3	18
103	The actin binding protein adseverin regulates osteoclastogenesis. <i>PLoS ONE</i> , <b>2014</b> , 9, e109078	3.7	18
102	Requirement for Vav proteins in post-recruitment neutrophil cytotoxicity in IgG but not complement C3-dependent injury. <i>Journal of Immunology</i> , <b>2008</b> , 180, 6279-87	5.3	18
101	Social-Biological Interactions in Oral Disease: A Cells to Society View. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146218	3.7	18
100	Periodontal Inflammation Primes the Systemic Innate Immune Response. <i>Journal of Dental Research</i> , <b>2021</b> , 100, 318-325	8.1	18
99	Rac-null leukocytes are associated with increased inflammation-mediated alveolar bone loss. <i>American Journal of Pathology</i> , <b>2014</b> , 184, 472-82	5.8	17
98	Expression and translocation of fluorescent-tagged p21-activated kinase-binding domain and PH domain of protein kinase B during murine neutrophil chemotaxis. <i>Journal of Leukocyte Biology</i> , <b>2007</b> , 82, 559-66	6.5	17
97	The Neutrophil: Constant Defender and First Responder. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 571085	8.4	17
96	The effect of bisphosphonate therapy on neutrophil function: a potential biomarker. <i>International Journal of Oral and Maxillofacial Surgery</i> , <b>2013</b> , 42, 619-26	2.9	16
95	Specific inhibition of skeletal $\beta$ actin gene transcription by applied mechanical forces through integrins and actin. <i>Biochemical Journal</i> , <b>1999</b> , 341, 647	3.8	16



94	CD109 plays a role in osteoclastogenesis. <i>PLoS ONE</i> , <b>2013</b> , 8, e61213	3.7	15
93	Epithelial-specific knockout of the Rac1 gene leads to enamel defects. <i>European Journal of Oral Sciences</i> , <b>2011</b> , 119 Suppl 1, 168-76	2.3	15
92	Novel Assay To Characterize Neutrophil Responses to Oral Biofilms. <i>Infection and Immunity</i> , <b>2019</b> , 87,	3.7	15
91	The Biology of Social Adversity Applied to Oral Health. <i>Journal of Dental Research</i> , <b>2019</b> , 98, 1442-1449	8.1	14
90	Identification of quantitative trait loci influencing inflammation-mediated alveolar bone loss: insights into polygenic inheritance of host-biofilm disequilibria in periodontitis. <i>Journal of Periodontal Research</i> , <b>2016</b> , 51, 237-49	4.3	14
89	A 3D scanning confocal imaging method measures pit volume and captures the role of Rac in osteoclast function. <i>Bone</i> , <b>2012</b> , 51, 145-52	4.7	14
88	Adseverin plays a role in osteoclast differentiation and periodontal disease-mediated bone loss. <i>FASEB Journal</i> , <b>2015</b> , 29, 2281-91	0.9	13
87	Morphological characterization of para- and proinflammatory neutrophil phenotypes using transmission electron microscopy. <i>Journal of Periodontal Research</i> , <b>2018</b> , 53, 972-982	4.3	13
86	Analysis of Human and Mouse Neutrophil Phagocytosis by Flow Cytometry. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1519, 17-24	1.4	13
85	Hyperglycemia Impairs Neutrophil-Mediated Bacterial Clearance in Mice Infected with the Lyme Disease Pathogen. <i>PLoS ONE</i> , <b>2016</b> , 11, e0158019	3.7	13
84	Treponema denticola major outer sheath protein impairs the cellular phosphoinositide balance that regulates neutrophil chemotaxis. <i>PLoS ONE</i> , <b>2013</b> , 8, e66209	3.7	12
83	Deleting Rac1 improves vertebral bone quality and resistance to fracture in a murine ovariectomy model. <i>Osteoporosis International</i> , <b>2011</b> , 22, 1481-92	5.3	12
82	SLIT2/ROBO1-signaling inhibits macropinocytosis by opposing cortical cytoskeletal remodeling. <i>Nature Communications</i> , <b>2020</b> , 11, 4112	17.4	12
81	Oral and Blood Neutrophil Activation States during Experimental Gingivitis. <i>JDR Clinical and Translational Research</i> , <b>2018</b> , 3, 65-75	2.2	12
80	Natural and synthetic bone replacement graft materials for dental and maxillofacial applications <b>2019</b> , 347-376		11
79	Factors Influencing Adoption of New Technologies into Dental Practice: A Qualitative Study. <i>JDR Clinical and Translational Research</i> , <b>2016</b> , 1, 77-85	2.2	11
78	Infection with the Lyme disease pathogen suppresses innate immunity in mice with diet-induced obesity. <i>Cellular Microbiology</i> , <b>2017</b> , 19, e12689	3.9	11
77	Salivary Cytoprotective Proteins in Inflammation and Resolution during Experimental Gingivitis--A Pilot Study. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2015</b> , 5, 92	5.9	11

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