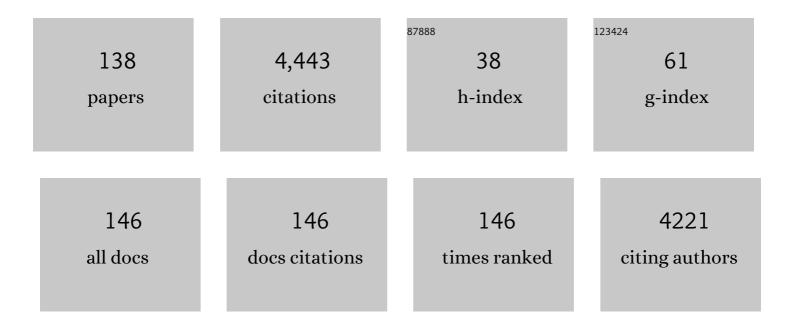
William Parker

List of Publications by Year in descending order

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WILLIAM DADKED

#	Article	IF	CITATIONS
1	Biofilms in the large bowel suggest an apparent function of the human vermiform appendix. Journal of Theoretical Biology, 2007, 249, 826-831.	1.7	268
2	Transplantation of discordant xenografts: a challenge revisited. Trends in Immunology, 1996, 17, 373-378.	7.5	227
3	Human secretory immunoglobulin A may contribute to biofilm formation in the gut. Immunology, 2003, 109, 580-587.	4.4	168
4	Intervendor Variability of Two-Dimensional Strain Using Vendor-Specific and Vendor-Independent Software. Journal of the American Society of Echocardiography, 2015, 28, 630-641.	2.8	141
5	THE ROLE OF ANTI-GAL??1-3GAL ANTIBODIES IN ACUTE VASCULAR REJECTION AND ACCOMMODATION OF XENOGRAFTS1. Transplantation, 2000, 70, 1667-1674.	1.0	132
6	The role of natural anti-galα1–3gal antibodies in hyperacute rejection of pig-to-baboon cardiac xenotransplants. Transplant Immunology, 1997, 5, 212-218.	1.2	116
7	THE HUMORAL IMMUNE RESPONSE IN HUMANS FOLLOWING CROSS-PERFUSION OF PORCINE ORGANS. Transplantation, 1995, 60, 861-868.	1.0	109
8	Alteration of the rat cecal microbiome during colonization with the helminth <i>Hymenolepis diminuta</i> . Gut Microbes, 2015, 6, 182-193.	9.8	99
9	Secretory IgA and mucin-mediated biofilm formation by environmental strains of Escherichia coli: role of type 1 pili. Molecular Immunology, 2006, 43, 378-387.	2.2	97
10	Microbial Biofilms in the Gut: Visualization by Electron Microscopy and by Acridine Orange Staining. Ultrastructural Pathology, 2004, 28, 23-27.	0.9	96
11	Humoral Responses to Pig-to-Baboon Cardiac Transplantation: Implications for the Pathogenesis and Treatment of Acute Vascular Rejection and for Accommodation. Human Immunology, 1997, 58, 91-105.	2.4	93
12	Characterization of the innate immune response to chronic aspiration in a novel rodent model. Respiratory Research, 2007, 8, 87.	3.6	86
13	Characterization of porcine endothelial cell determinants recognized by human natural antibodies. Xenotransplantation, 1994, 1, 36-46.	2.8	84
14	Chronic aspiration of gastric fluid accelerates pulmonary allograft dysfunction in a rat model of lung transplantation. Journal of Thoracic and Cardiovascular Surgery, 2006, 131, 209-217.	0.8	84
15	The Cecal Appendix: One More Immune Component With a Function Disturbed By Postâ€Industrial Culture. Anatomical Record, 2011, 294, 567-579.	1.4	74
16	Microbial Biofilms in the Gut: Visualization by Electron Microscopy and by Acridine Orange Staining. Ultrastructural Pathology, 2004, 28, 23-27.	0.9	73
17	Regulation of platelet heparanase during inflammation: Role of pH and proteinases. Journal of Cellular Physiology, 1998, 175, 255-267.	4.1	71
18	Got worms? Perinatal exposure to helminths prevents persistent immune sensitization and cognitive dysfunction induced by early-life infection. Brain, Behavior, and Immunity, 2016, 51, 14-28.	4.1	70

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19	Antihuman Factor V Antibodies After Use of Relatively Pure Bovine Thrombin. Annals of Thoracic Surgery, 2005, 79, 1037-1038.	1.3	69
20	Hapten-Induced Primary and Memory Humoral Responses Are Inhibited by the Infusion of Anti-CD20 Monoclonal Antibody (IDEC-C2B8, Rituximab). Clinical Immunology, 2001, 98, 175-179.	3.2	67
21	Reconstitution of the human biome as the most reasonable solution for epidemics of allergic and autoimmune diseases. Medical Hypotheses, 2011, 77, 494-504.	1.5	66
22	Isohemagglutinins and xenoreactive antibodies. Human Immunology, 1996, 45, 94-104.	2.4	65
23	Evolutionary biology and anthropology suggest biome reconstitution as a necessary approach toward dealing with immune disorders. Evolution, Medicine and Public Health, 2013, 2013, 89-103.	2.5	63
24	The role of oxidative stress, inflammation and acetaminophen exposure from birth to early childhood in the induction of autism. Journal of International Medical Research, 2017, 45, 407-438.	1.0	63
25	Immunoglobulin-Mediated Agglutination of and Biofilm Formation by Escherichia coli K-12 Require the Type 1 Pilus Fiber. Infection and Immunity, 2004, 72, 1929-1938.	2.2	57
26	Circulating Angiogenic Modulatory Factors Predict Survival and Functional Class in Pulmonary Arterial Hypertension. Pulmonary Circulation, 2013, 3, 369-380.	1.7	56
27	Approaches to studying and manipulating the enteric microbiome to improve autism symptoms. Microbial Ecology in Health and Disease, 2015, 26, 26878.	3.5	56
28	Exposure of Mice to Topical Bovine Thrombin Induces Systemic Autoimmunity. American Journal of Pathology, 2001, 159, 1957-1969.	3.8	53
29	Immune exclusion and immune inclusion: a new model of host-bacterial interactions in the gut. Clinical and Applied Immunology Reviews, 2004, 4, 321-332.	0.4	53
30	Specificity and function of "natural" antibodies in immunodeficient subjects: clues to B cell lineage and development. Journal of Clinical Immunology, 1997, 17, 311-321.	3.8	51
31	Pulmonary Histopathology in an Experimental Model of Chronic Aspiration Is Independent of Acidity. Experimental Biology and Medicine, 2008, 233, 1202-1212.	2.4	50
32	COMPLEMENT-MEDIATED PULMONARY XENOGRAFT INJURY. Transplantation, 1998, 65, 1084-1093.	1.0	50
33	Prevention of acute lung injury in swine: depletion of pulmonary intravascular macrophages using liposomal clodronate. Journal of Surgical Research, 2003, 112, 19-25.	1.6	49
34	Specificity of xenoreactive anti-Galα1–3Gal IgM for α-galactosyl ligands. Glycobiology, 1996, 6, 499-506.	2.5	47
35	Immune-directed support of rich microbial communities in the gut has ancient roots. Developmental and Comparative Immunology, 2014, 47, 36-51.	2.3	45
36	Morphological evolution of the mammalian cecum and cecal appendix. Comptes Rendus - Palevol, 2017, 16, 39-57.	0.2	44

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37	Exposure to topical bovine thrombin during surgery elicits a response against the xenogeneic carbohydrate galactose alpha1-3galactose. Journal of Clinical Immunology, 2000, 20, 434-444.	3.8	42
38	Appendectomy and <i>Clostridium difficile</i> colitis: Relationships revealed by clinical observations and immunology. World Journal of Gastroenterology, 2013, 19, 5607.	3.3	40
39	A prescription for clinical immunology: the pills are available and ready for testing. A review. Current Medical Research and Opinion, 2012, 28, 1193-1202.	1.9	39
40	Helminth Therapy – From the Parasite Perspective. Trends in Parasitology, 2019, 35, 501-515.	3.3	39
41	Immunochemical properties of anti-Gal alpha 1-3Gal antibodies after sensitization with xenogeneic tissues. Journal of Clinical Immunology, 1999, 19, 116-126.	3.8	38
42	The Role of Antibodies and Von Willebrand Factor in Discordant Pulmonary Xenotransplantation. American Journal of Transplantation, 2003, 3, 1065-1075.	4.7	38
43	Disseminated intravascular coagulation in association with pig-to-primate pulmonary xenotransplantation1. Transplantation, 2002, 73, 1717-1723.	1.0	35
44	Damageâ€Associated Molecular Patterns Induce Inflammatory Injury During Machine Preservation of the Liver: Potential Targets to Enhance a Promising Technology. Liver Transplantation, 2019, 25, 610-626.	2.4	34
45	IDENTIFICATION AND CHARACTERIZATION OF A GALACTOSYL PEPTIDE MIMETIC. Transplantation, 1996, 61, 851-855.	1.0	33
46	Time-resolved UV circular dichroism of phytochrome A: folding of the N-terminal region. Journal of the American Chemical Society, 1993, 115, 9854-9855.	13.7	32
47	Multiple independent appearances of the cecal appendix in mammalian evolution and an investigation of related ecological and anatomical factors. Comptes Rendus - Palevol, 2013, 12, 339-354.	0.2	32
48	The "hygiene hypothesis" for allergic disease is a misnomer. BMJ, The, 2014, 349, g5267-g5267.	6.0	31
49	The role of the porcine von willebrand factor: baboon platelet interactions in pulmonary xenotransplantation. Transplantation, 2002, 74, 1596-1603.	1.0	29
50	Depletion of Pulmonary Intravascular Macrophages Prevents Hyperacute Pulmonary Xenograft Dysfunction. Transplantation, 2006, 81, 1157-1164.	1.0	28
51	Association of ageâ€dependent liver injury and fibrosis with immune cell populations. Liver International, 2013, 33, 1175-1186.	3.9	28
52	Overcoming Evolutionary Mismatch by Self-Treatment with Helminths: Current Practices and Experience. Journal of Evolutionary Medicine, 2015, 3, 1-22.	0.5	28
53	Spectral perturbations and oligomer/monomer formation in 124-kilodalton Avena phytochrome. Biochemistry, 1990, 29, 6883-6891.	2.5	26
54	Pulmonary xenotransplantation: Rapidly progressing into the unknown. American Journal of Transplantation, 2004, 4, 25-35.	4.7	26

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55	ANTIGEN EXPRESSION IN XENOTRANSPLANTATION: HOW LOW MUST IT GO?. Transplantation, 2001, 71, 313-319.	1.0	25
56	Relative purity of thrombin-based hemostatic agents used in surgery. Journal of the American College of Surgeons, 2003, 197, 580-590.	0.5	25
57	Xenoreactive natural antibodies in the world of natural antibodies: typical or unique?. Transplant Immunology, 1995, 3, 181-191.	1.2	24
58	Pseudopolymorphism in Tetradeca-2,6-O-methyl-β-cyclodextrin: The Crystal Structures for Two New HydratesConformational Variability in the Alkylated β-Cyclodextrin Molecule. Journal of the American Chemical Society, 2001, 123, 3919-3926.	13.7	24
59	Increased ILâ€4 production and attenuated proliferative and proâ€inflammatory responses of splenocytes from wild aught rats (Rattus norvegicus). Immunology and Cell Biology, 2006, 84, 374-382.	2.3	24
60	Non-anti-Galα1-3Gal antibody mechanisms are sufficient to cause hyperacute lung dysfunction in pulmonary xenotransplantation1 1No competing interests declared Journal of the American College of Surgeons, 2002, 194, 765-773.	0.5	23
61	An assessment of human gastric fluid composition as a function of PPI usage. Physiological Reports, 2015, 3, e12269.	1.7	23
62	A model for the induction of autism in the ecosystem of the human body: the anatomy of a modern pandemic?. Microbial Ecology in Health and Disease, 2015, 26, 26253.	3.5	21
63	Coagulopathy in αâ€galactosyl transferase knockout pulmonary xenotransplants. Xenotransplantation, 2011, 18, 6-13.	2.8	19
64	N-Terminal domain of Avena phytochrome: interactions with sodium dodecyl sulfate micelles and N-terminal chain truncated phytochrome. Biochemistry, 1992, 31, 9413-9420.	2.5	18
65	Adaptation in a Mouse Colony Monoassociated with <i>Escherichia coli</i> K-12 for More than 1,000 Days. Applied and Environmental Microbiology, 2010, 76, 4655-4663.	3.1	17
66	Reduction of hexavalent chromium by fasted and fed human gastric fluid. II. Ex vivo gastric reduction modeling. Toxicology and Applied Pharmacology, 2016, 306, 120-133.	2.8	16
67	Lymphocyte phenotypes in wild-caught rats suggest potential mechanisms underlying increased immune sensitivity in post-industrial environments. Cellular and Molecular Immunology, 2012, 9, 163-174.	10.5	15
68	Aspiration of gastric fluid in pulmonary allografts: Effect of pH. Journal of Surgical Research, 2013, 181, e31-e38.	1.6	15
69	Production and Use of Hymenolepis diminuta Cysticercoids as Anti-Inflammatory Therapeutics. Journal of Clinical Medicine, 2017, 6, 98.	2.4	15
70	BIOPHYSICAL CHARACTERISTICS OF ANTI-GALÎ \pm 1-3GAL IgM BINDING TO CELL SURFACES: IMPLICATIONS FOR XENOTRANSPLANTATION1. Transplantation, 2001, 71, 440-446.	1.0	14
71	Effect of an Anti-C5a Monoclonal Antibody Indicates a Prominent Role for Anaphylatoxin in Pulmonary Xenograft Dysfunction. Transplantation, 2006, 81, 1686-1694.	1.0	14
72	Evolution of the hygiene hypothesis into biota alteration theory: what are the paradigms and where are the clinical applications?. Microbes and Infection, 2018, 20, 147-155.	1.9	14

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73	Possible mechanism of late systolic mitral valve prolapse: systolic superior shift of leaflets secondary to annular dilatation that causes papillary muscle traction. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H629-H638.	3.2	14
74	Subnormothermic exÂvivo lung perfusion attenuates graft inflammation in a rat transplant model. Journal of Thoracic and Cardiovascular Surgery, 2022, 164, e59-e70.	0.8	14
75	Partial sequence of human platelet heparitinase and evidence of its ability to polymerize. BBA - Proteins and Proteomics, 1999, 1429, 431-438.	2.1	13
76	California Autism Prevalence by County and Race/Ethnicity: Declining Trends Among Wealthy Whites. Journal of Autism and Developmental Disorders, 2020, 50, 4011-4021.	2.7	13
77	Increased Biodiversity in the Environment Improves the Humoral Response of Rats. PLoS ONE, 2015, 10, e0120255.	2.5	13
78	Molecular modeling of phytochrome using constitutive C-phycocyanin from Fremyella diplosiphon as a putative structural template. Bioconjugate Chemistry, 1994, 5, 21-30.	3.6	12
79	Gastroesophageal reflux-associated aspiration alters the immune response in asthma. Surgical Endoscopy and Other Interventional Techniques, 2010, 24, 1066-1074.	2.4	12
80	Short-Lived α-Helical Intermediates in the Folding of β-Sheet Proteins. Biochemistry, 2010, 49, 5609-5619.	2.5	12
81	Cromolyn ameliorates acute and chronic injury in a rat lung transplant model. Journal of Heart and Lung Transplantation, 2014, 33, 749-757.	0.6	12
82	Another step towards xenotransplantation. Nature Medicine, 1995, 1, 1248-1250.	30.7	11
83	Natural anti-carbohydrate IgM in mice: dependence on age and strain. Journal of Immunological Methods, 2000, 246, 61-68.	1.4	11
84	Evidence for polyreactive xenoreactive antibodies in the repertoire of human anti-swine antibodies: the †next' humoral barrier to xenotransplantation?. Transplant Immunology, 2001, 9, 19-27.	1.2	11
85	The footprint of antibody bound to pig cells: evidence of complex surface topology. Biochemical and Biophysical Research Communications, 2003, 301, 751-757.	2.1	11
86	Cultivation of epithelial-associated microbiota by the immune system. Future Microbiology, 2010, 5, 1483-1492.	2.0	11
87	Is Autism a Member of a Family of Diseases Resulting from Genetic/Cultural Mismatches? Implications for Treatment and Prevention. Autism Research & Treatment, 2012, 2012, 1-11.	0.5	11
88	Between a hygiene rock and a hygienic hard place. Evolution, Medicine and Public Health, 2021, 9, 120-130.	2.5	11
89	Policy and regulations in light of the human body as a â€̃superorganism' containing multiple, intertwined symbiotic relationships. Clinical Research and Regulatory Affairs, 2016, 33, 39-48.	2.1	10
90	Th17 cell inhibition in a costimulation blockadeâ€based regimen for vascularized composite allotransplantation using a nonhuman primate model. Transplant International, 2020, 33, 1294-1301.	1.6	10

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91	Quantitative evaluation of porcine endothelial cell antigens recognized by human natural antibodies: An analysis by Western blotting. Xenotransplantation, 1996, 3, 120-127.	2.8	9
92	Sensitization with Xenogeneic Tissues Alters the Heavy Chain Repertoire of Human Anti-Galα1–3Gal Antibodies. Transplantation, 2005, 80, 102-109.	1.0	9
93	Genetic diversity of the potentially therapeutic tapeworm Hymenolepis diminuta (Cestoda:) Tj ETQq1 1 0.784314	4 rgBT	/Overlock 10 T
94	Therapeutic doses of acetaminophen with co-administration of cysteine and mannitol during early development result in long term behavioral changes in laboratory rats. PLoS ONE, 2021, 16, e0253543.	2.5	9
95	Binding of Polyreactive Antibodies to Self Versus Foreign Antigens. Immunobiology, 2002, 205, 95-107.	1.9	8
96	Kupffer cells: Another player in liver tolerance induction. Liver Transplantation, 2003, 9, 498-499.	2.4	8
97	Altering and Assessing Persistence of Genetically Modified <i>E. coli</i> MG1655 in the Large Bowel. Experimental Biology and Medicine, 2009, 234, 1174-1185.	2.4	8
98	Macrophage activation by gastric fluid suggests MMP involvement in aspiration-induced lung disease. Immunobiology, 2010, 215, 173-181.	1.9	8
99	Paracetamol (acetaminophen) use in infants and children was never shown to be safe for neurodevelopment: a systematic review with citation tracking. European Journal of Pediatrics, 2022, 181, 1835-1857.	2.7	8
100	Evolution of bacteria in the human gut in response to changing environments: An invisible player in the game of health. Computational and Structural Biotechnology Journal, 2021, 19, 752-758.	4.1	6
101	Malignant Mitral Valve Prolapse: Risk and Prevention of Sudden Cardiac Death. Current Treatment Options in Cardiovascular Medicine, 2022, 24, 61-86.	0.9	6
102	Organization of regions with amphiphilic α-helical potential within the three-dimensional structure of β-sheet proteins. Protein Engineering, Design and Selection, 2001, 14, 315-319.	2.1	5
103	Polyreactive antibodies and their association with xenotransplantation. Xenotransplantation, 2003, 10, 542-544.	2.8	5
104	Amphiphilic α-Helical Potential: A Putative Folding Motif Adding Few Constraints to Protein Evolution. Journal of Molecular Evolution, 2011, 73, 166-180.	1.8	5
105	Spontaneous bacterial cell lysis and biofilm formation in the colon of the Cape Dune mole-rat and the laboratory rabbit. Applied Microbiology and Biotechnology, 2011, 90, 1773-1783.	3.6	5
106	Intestinal worms eating neuropsychiatric disorders? Apparently so. Brain Research, 2018, 1693, 218-221.	2.2	5
107	Donor Leukocyte Trafficking and Damage-associated Molecular Pattern Expression During Ex Vivo Lung Perfusion. Transplantation Direct, 2020, 6, e532.	1.6	5
108	Immunization enhances the natural antibody repertoire. EXCLI Journal, 2017, 16, 1018-1030.	0.7	5

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109	Socio-medical studies of individuals self-treating with helminths provide insight into clinical trial design for assessing helminth therapy. Parasitology International, 2022, 87, 102488.	1.3	5
110	Multiple sclerosis and the microbiota. Evolution, Medicine and Public Health, 2022, 10, 277-294.	2.5	5
111	Unexpected Anti-αGaINAc Antibodies in α-Galactosyl Transferase-Deficient Mice: Complex Relationship Between Genotype and the Natural Antibody Repertoire. Immunobiology, 2001, 203, 650-658.	1.9	4
112	In pursuit of xenoreactive antibodies: Where has it gotten us?. Immunology and Cell Biology, 2005, 83, 413-417.	2.3	4
113	Effect of gastric fluid aspiration on the lung microbiota of laboratory rats. Experimental Lung Research, 2018, 44, 201-210.	1.2	4
114	The effect of levofloxacin on the lung microbiota of laboratory rats. Experimental Lung Research, 2019, 45, 200-208.	1.2	4
115	Sirtuin-1 expression and activity is diminished in aged liver grafts. Scientific Reports, 2020, 10, 11860.	3.3	4
116	Purification and characterization of a 60-kDa protein from oat, formerly known as a TCP1-related chaperone. The Protein Journal, 1995, 14, 53-57.	1.1	3
117	Incorporation of secretory immunoglobulin A into biofilms can decrease their resistance to ciprofloxacin. Microbiology and Immunology, 2011, 55, 174-183.	1.4	3
118	Clearance of bile and trypsin in rat lungs following aspiration of human gastric fluid. Experimental Lung Research, 2016, 42, 37-43.	1.2	3
119	Not infection with parasitic worms, but rather colonization with therapeutic helminths. Immunology Letters, 2017, 192, 104-105.	2.5	3
120	Machine Perfusion of Liver Grafts With Implantable Oxygen Biosensors: Proof of Concept Study in a Rodent Model. Transplantation Direct, 2019, 5, e463.	1.6	3
121	Vascularized composite allotransplants as a mechanistic model for allograft rejection – an experimental study. Transplant International, 2021, 34, 572-584.	1.6	3
122	The surface of βâ€ s heet proteins contains amphiphilic regions which may provide clues about protein folding. , 1996, 25, 253-260.		2
123	Chronic aspiration shifts the immune response from adaptive immunity to innate immunity in a murine model of asthma. Inflammation Research, 2012, 61, 863-873.	4.0	2
124	The role of soluble and insoluble gastric fluid components in the pathogenesis of obliterative bronchiolitis in rat lung allografts. Transplant International, 2016, 29, 253-261.	1.6	2
125	A mole rat's gut microbiota suggests selective influence of diet on microbial niche space and evolution. Experimental Biology and Medicine, 2019, 244, 471-483.	2.4	2
126	MYOCARDIAL FIBROSIS RELATES TO ABNORMAL MYOCARDIAL MECHANICS IN PATIENTS WITH MITRAL VALVE PROLAPSE. Journal of the American College of Cardiology, 2020, 75, 1547.	2.8	2

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127	Hymenolepis diminuta-based helminth therapy in C3(1)-TAg mice does not alter breast tumor onset or progression. Evolution, Medicine and Public Health, 2021, 9, 131-138.	2.5	2
128	Human Whey Promotes Sessile Bacterial Growth, Whereas Alternative Sources of Infant Nutrition Promote Planktonic Growth. Current Nutrition and Food Science, 2012, 8, 168-176.	0.6	2
129	Altered gut ecosystems plus the microbiota's potential for rapid evolution: A recipe for inevitable change with unknown consequences. Computational and Structural Biotechnology Journal, 2021, 19, 5969-5977.	4.1	2
130	The role of antibodies in dysfunction of pig-to-baboon pulmonary transplants. Journal of Heart and Lung Transplantation, 1999, 18, 65-66.	0.6	1
131	Murine model of oropharyngeal gastric fluid aspiration—A new assessment method for intrapulmonary liquid distribution using digital pixel calculation. Experimental Lung Research, 2017, 43, 434-438.	1.2	1
132	Authors' response to Graham Rook's commentary. Evolution, Medicine and Public Health, 2021, 9, 206-207.	2.5	1
133	Undernutrition and Hypoleptinemia Modulate Alloimmunity and CMV-specific Viral Immunity in Transplantation, 2021, 105, 2554-2563.	1.0	1
134	Regulation of platelet heparanase during inflammation: Role of pH and proteinases. , 1998, 175, 255.		1
135	Early Immune Response to Acute Gastric Fluid Aspiration in a Rat Model of Lung Transplantation. Experimental and Clinical Transplantation, 2019, 17, 84-92.	0.5	1
136	Production of Hymenolepis diminuta in the Laboratory: An Old Research Tool with New Clinical Applications. Methods in Molecular Biology, 2018, 1799, 27-38.	0.9	0
137	A neverâ€ending pain in the: That annoying appendix. FASEB Journal, 2009, 23, 416.3.	0.5	0
138	The Effect of HTST and Holder Pasteurization on Bacterial Agglutination by Breast Milk. Current Nutrition and Food Science, 2017, 13, 29-36.	0.6	0