William Parker

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8926058/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	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
2	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
3	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
4	Malignant Mitral Valve Prolapse: Risk and Prevention of Sudden Cardiac Death. Current Treatment Options in Cardiovascular Medicine, 2022, 24, 61-86.	0.9	6
5	Multiple sclerosis and the microbiota. Evolution, Medicine and Public Health, 2022, 10, 277-294.	2.5	5
6	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
7	Authors' response to Graham Rook's commentary. Evolution, Medicine and Public Health, 2021, 9, 206-207.	2.5	1
8	Between a hygiene rock and a hygienic hard place. Evolution, Medicine and Public Health, 2021, 9, 120-130.	2.5	11
9	Vascularized composite allotransplants as a mechanistic model for allograft rejection – an experimental study. Transplant International, 2021, 34, 572-584.	1.6	3
10	Undernutrition and Hypoleptinemia Modulate Alloimmunity and CMV-specific Viral Immunity in Transplantation, Transplantation, 2021, 105, 2554-2563.	1.0	1
11	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
12	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
13	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
14	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
15	Sirtuin-1 expression and activity is diminished in aged liver grafts. Scientific Reports, 2020, 10, 11860.	3.3	4
16	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
17	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
18	Donor Leukocyte Trafficking and Damage-associated Molecular Pattern Expression During Ex Vivo Lung Perfusion, Transplantation Direct, 2020, 6, e532.	1.6	5

#	Article	IF	CITATIONS
19	The effect of levofloxacin on the lung microbiota of laboratory rats. Experimental Lung Research, 2019, 45, 200-208.	1.2	4
20	Helminth Therapy – From the Parasite Perspective. Trends in Parasitology, 2019, 35, 501-515.	3.3	39
21	Genetic diversity of the potentially therapeutic tapeworm Hymenolepis diminuta (Cestoda:) Tj ETQq1 1 0.7843	L4 rgBT /C	Overlock 10 Tf
22	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
23	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
24	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
25	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
26	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
27	Intestinal worms eating neuropsychiatric disorders? Apparently so. Brain Research, 2018, 1693, 218-221.	2.2	5
28	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
29	Effect of gastric fluid aspiration on the lung microbiota of laboratory rats. Experimental Lung Research, 2018, 44, 201-210.	1.2	4
30	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
31	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
32	Not infection with parasitic worms, but rather colonization with therapeutic helminths. Immunology Letters, 2017, 192, 104-105.	2.5	3
33	Morphological evolution of the mammalian cecum and cecal appendix. Comptes Rendus - Palevol, 2017, 16, 39-57.	0.2	44
34	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
35	Production and Use of Hymenolepis diminuta Cysticercoids as Anti-Inflammatory Therapeutics. Journal of Clinical Medicine, 2017, 6, 98.	2.4	15
36	Immunization enhances the natural antibody repertoire. EXCLI Journal, 2017, 16, 1018-1030.	0.7	5

#	Article	IF	CITATIONS
37	The Effect of HTST and Holder Pasteurization on Bacterial Agglutination by Breast Milk. Current Nutrition and Food Science, 2017, 13, 29-36.	0.6	Ο
38	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
39	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
40	Clearance of bile and trypsin in rat lungs following aspiration of human gastric fluid. Experimental Lung Research, 2016, 42, 37-43.	1.2	3
41	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
42	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
43	An assessment of human gastric fluid composition as a function of PPI usage. Physiological Reports, 2015, 3, e12269.	1.7	23
44	Approaches to studying and manipulating the enteric microbiome to improve autism symptoms. Microbial Ecology in Health and Disease, 2015, 26, 26878.	3.5	56
45	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
46	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
47	Alteration of the rat cecal microbiome during colonization with the helminth <i>Hymenolepis diminuta</i> . Gut Microbes, 2015, 6, 182-193.	9.8	99
48	Increased Biodiversity in the Environment Improves the Humoral Response of Rats. PLoS ONE, 2015, 10, e0120255.	2.5	13
49	Overcoming Evolutionary Mismatch by Self-Treatment with Helminths: Current Practices and Experience. Journal of Evolutionary Medicine, 2015, 3, 1-22.	0.5	28
50	Immune-directed support of rich microbial communities in the gut has ancient roots. Developmental and Comparative Immunology, 2014, 47, 36-51.	2.3	45
51	The "hygiene hypothesis" for allergic disease is a misnomer. BMJ, The, 2014, 349, g5267-g5267.	6.0	31
52	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
53	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
54	Aspiration of gastric fluid in pulmonary allografts: Effect of pH. Journal of Surgical Research, 2013, 181, e31-e38.	1.6	15

#	Article	IF	CITATIONS
55	Association of ageâ€dependent liver injury and fibrosis with immune cell populations. Liver International, 2013, 33, 1175-1186.	3.9	28
56	Circulating Angiogenic Modulatory Factors Predict Survival and Functional Class in Pulmonary Arterial Hypertension. Pulmonary Circulation, 2013, 3, 369-380.	1.7	56
57	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
58	Appendectomy and <i>Clostridium difficile</i> colitis: Relationships revealed by clinical observations and immunology. World Journal of Gastroenterology, 2013, 19, 5607.	3.3	40
59	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
60	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
61	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
62	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
63	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
64	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
65	Coagulopathy in αâ€galactosyl transferase knockout pulmonary xenotransplants. Xenotransplantation, 2011, 18, 6-13.	2.8	19
66	Incorporation of secretory immunoglobulin A into biofilms can decrease their resistance to ciprofloxacin. Microbiology and Immunology, 2011, 55, 174-183.	1.4	3
67	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
68	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
69	The Cecal Appendix: One More Immune Component With a Function Disturbed By Postâ€Industrial Culture. Anatomical Record, 2011, 294, 567-579.	1.4	74
70	Gastroesophageal reflux-associated aspiration alters the immune response in asthma. Surgical Endoscopy and Other Interventional Techniques, 2010, 24, 1066-1074.	2.4	12
71	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
72	Cultivation of epithelial-associated microbiota by the immune system. Future Microbiology, 2010, 5, 1483-1492.	2.0	11

5

#	Article	IF	CITATIONS
73	Short-Lived α-Helical Intermediates in the Folding of β-Sheet Proteins. Biochemistry, 2010, 49, 5609-5619.	2.5	12
74	Macrophage activation by gastric fluid suggests MMP involvement in aspiration-induced lung disease. Immunobiology, 2010, 215, 173-181.	1.9	8
75	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
76	A neverâ€ending pain in the: That annoying appendix. FASEB Journal, 2009, 23, 416.3.	0.5	0
77	Pulmonary Histopathology in an Experimental Model of Chronic Aspiration Is Independent of Acidity. Experimental Biology and Medicine, 2008, 233, 1202-1212.	2.4	50
78	Characterization of the innate immune response to chronic aspiration in a novel rodent model. Respiratory Research, 2007, 8, 87.	3.6	86
79	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
80	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
81	Depletion of Pulmonary Intravascular Macrophages Prevents Hyperacute Pulmonary Xenograft Dysfunction. Transplantation, 2006, 81, 1157-1164.	1.0	28
82	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
83	Increased ILâ€4 production and attenuated proliferative and proâ€inflammatory responses of splenocytes from wildâ€caught rats (Rattus norvegicus). Immunology and Cell Biology, 2006, 84, 374-382.	2.3	24
84	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
85	Sensitization with Xenogeneic Tissues Alters the Heavy Chain Repertoire of Human Anti-Galα1–3Gal Antibodies. Transplantation, 2005, 80, 102-109.	1.0	9
86	In pursuit of xenoreactive antibodies: Where has it gotten us?. Immunology and Cell Biology, 2005, 83, 413-417.	2.3	4
87	Antihuman Factor V Antibodies After Use of Relatively Pure Bovine Thrombin. Annals of Thoracic Surgery, 2005, 79, 1037-1038.	1.3	69
88	Microbial Biofilms in the Gut: Visualization by Electron Microscopy and by Acridine Orange Staining. Ultrastructural Pathology, 2004, 28, 23-27.	0.9	73
89	Microbial Biofilms in the Gut: Visualization by Electron Microscopy and by Acridine Orange Staining. Ultrastructural Pathology, 2004, 28, 23-27.	0.9	96
90	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

#	Article	IF	CITATIONS
91	Pulmonary xenotransplantation: Rapidly progressing into the unknown. American Journal of Transplantation, 2004, 4, 25-35.	4.7	26
92	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
93	Kupffer cells: Another player in liver tolerance induction. Liver Transplantation, 2003, 9, 498-499.	2.4	8
94	Relative purity of thrombin-based hemostatic agents used in surgery. Journal of the American College of Surgeons, 2003, 197, 580-590.	0.5	25
95	The Role of Antibodies and Von Willebrand Factor in Discordant Pulmonary Xenotransplantation. American Journal of Transplantation, 2003, 3, 1065-1075.	4.7	38
96	Polyreactive antibodies and their association with xenotransplantation. Xenotransplantation, 2003, 10, 542-544.	2.8	5
97	Human secretory immunoglobulin A may contribute to biofilm formation in the gut. Immunology, 2003, 109, 580-587.	4.4	168
98	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
99	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
100	The role of the porcine von willebrand factor: baboon platelet interactions in pulmonary xenotransplantation. Transplantation, 2002, 74, 1596-1603.	1.0	29
101	Disseminated intravascular coagulation in association with pig-to-primate pulmonary xenotransplantation1. Transplantation, 2002, 73, 1717-1723.	1.0	35
102	Binding of Polyreactive Antibodies to Self Versus Foreign Antigens. Immunobiology, 2002, 205, 95-107.	1.9	8
103	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
104	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
105	Exposure of Mice to Topical Bovine Thrombin Induces Systemic Autoimmunity. American Journal of Pathology, 2001, 159, 1957-1969.	3.8	53
106	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
107	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
108	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

#	Article	IF	CITATIONS
109	BIOPHYSICAL CHARACTERISTICS OF ANTI-GALα1-3GAL IgM BINDING TO CELL SURFACES: IMPLICATIONS FOR XENOTRANSPLANTATION1. Transplantation, 2001, 71, 440-446.	1.0	14
110	ANTIGEN EXPRESSION IN XENOTRANSPLANTATION: HOW LOW MUST IT GO?. Transplantation, 2001, 71, 313-319.	1.0	25
111	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
112	THE ROLE OF ANTI-GAL??1-3GAL ANTIBODIES IN ACUTE VASCULAR REJECTION AND ACCOMMODATION OF XENOGRAFTS1. Transplantation, 2000, 70, 1667-1674.	1.0	132
113	Natural anti-carbohydrate IgM in mice: dependence on age and strain. Journal of Immunological Methods, 2000, 246, 61-68.	1.4	11
114	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
115	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
116	Partial sequence of human platelet heparitinase and evidence of its ability to polymerize. BBA - Proteins and Proteomics, 1999, 1429, 431-438.	2.1	13
117	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
118	Regulation of platelet heparanase during inflammation: Role of pH and proteinases. Journal of Cellular Physiology, 1998, 175, 255-267.	4.1	71
119	Regulation of platelet heparanase during inflammation: Role of pH and proteinases. , 1998, 175, 255.		1
120	COMPLEMENT-MEDIATED PULMONARY XENOGRAFT INJURY. Transplantation, 1998, 65, 1084-1093.	1.0	50
121	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
122	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
123	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
124	Isohemagglutinins and xenoreactive antibodies. Human Immunology, 1996, 45, 94-104.	2.4	65
125	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
126	The surface of βâ€sheet proteins contains amphiphilic regions which may provide clues about protein		2

folding. , 1996, 25, 253-260.

#	Article	IF	CITATIONS
127	Transplantation of discordant xenografts: a challenge revisited. Trends in Immunology, 1996, 17, 373-378.	7.5	227
128	Specificity of xenoreactive anti-Galα1–3Gal IgM for α-galactosyl ligands. Glycobiology, 1996, 6, 499-506.	2.5	47
129	IDENTIFICATION AND CHARACTERIZATION OF A GALACTOSYL PEPTIDE MIMETIC. Transplantation, 1996, 61, 851-855.	1.0	33
130	THE HUMORAL IMMUNE RESPONSE IN HUMANS FOLLOWING CROSS-PERFUSION OF PORCINE ORGANS. Transplantation, 1995, 60, 861-868.	1.0	109
131	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
132	Another step towards xenotransplantation. Nature Medicine, 1995, 1, 1248-1250.	30.7	11
133	Xenoreactive natural antibodies in the world of natural antibodies: typical or unique?. Transplant Immunology, 1995, 3, 181-191.	1.2	24
134	Characterization of porcine endothelial cell determinants recognized by human natural antibodies. Xenotransplantation, 1994, 1, 36-46.	2.8	84
135	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
136	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
137	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
138	Spectral perturbations and oligomer/monomer formation in 124-kilodalton Avena phytochrome. Biochemistry, 1990, 29, 6883-6891.	2.5	26