Melanie J Graham

List of Publications by Year
in descending order

50	1,832	361413	265206
papers	citations	20 h-index	42 g-index

54	54	54	2412
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Clinically available immunosuppression averts rejection but not systemic inflammation after porcine islet xenotransplant in cynomolgus macaques. American Journal of Transplantation, 2022, 22, 745-760.	4.7	9
2	Boosting of SARS-CoV-2 immunity in nonhuman primates using an oral rhabdoviral vaccine. Vaccine, 2022, 40, 2342-2351.	3.8	14
3	Behavioral Management as a Coping Strategy for Managing Stressors in Primates: The Influence of Temperament and Species. Biology, 2022, 11, 423.	2.8	5
4	Longâ€term efficacy and safety of porcine islet macrobeads in nonimmunosuppressed diabetic cynomolgus macaques. Xenotransplantation, 2022, 29, e12747.	2.8	4
5	Serum cytokine profiles in healthy nonhuman primates are blunted by sedation and demonstrate sexual dimorphism as detected by a validated multiplex immunoassay. Scientific Reports, 2021, 11, 2340.	3.3	7
6	A nonhuman primate model of vertical sleeve gastrectomy facilitates mechanistic and translational research in human obesity. IScience, 2021, 24, 103421.	4.1	2
7	Long-Term Management of Vascular Access Ports in Nonhuman Primates Used in Preclinical Efficacy and Tolerability Studies. Journal of Investigative Surgery, 2020, 33, 493-504.	1.3	9
8	Noninvasive Fluorine-19 Magnetic Resonance Relaxometry Measurement of the Partial Pressure of Oxygen in Acellular Perfluorochemical-loaded Alginate Microcapsules Implanted in the Peritoneal Cavity of Nonhuman Primates. Transplantation, 2020, 104, 259-269.	1.0	3
9	Characterization of Different Commercial Dietary Supplements in the Peri-Weaning Period on Consumption and Growth Performance in C57Bl/6J Mice. Animals, 2020, 10, 1284.	2.3	1
10	Mucosal Microbiota and Metabolome along the Intestinal Tract Reveal a Location-Specific Relationship. MSystems, 2020, 5, .	3.8	25
11	Meeting Report of the 33rd Annual Meeting of the Academy of Surgical Research: Summary of Presentations, Labs, and Workshops, Focusing on Experimental Surgery, Las Vegas, NV, October 4â€“6, 2017. Journal of Investigative Surgery, 2019, 32, 573-585.	1.3	1
12	Long-term tolerance of islet allografts in nonhuman primates induced by apoptotic donor leukocytes. Nature Communications, 2019, 10, 3495.	12.8	43
13	Commentary on: Is the renal subcapsular space the preferred site for clinical porcine islet xenotransplantation? Review article (Int J Surg 2019 Jul 30;69:100-107.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262 Td (https:/d 71, 47-48.	2.7	1
14	Preliminary Evaluation of Sustained-release Compared with Conventional Formulations of Meloxicam in Sheep (Ovis aries). Journal of the American Association for Laboratory Animal Science, 2019, 58, 339-345.	1.2	8
15	Meeting Report of the 34th Annual Meeting of the Academy of Surgical Research: Summary of Presentations, Labs, and Workshops, Focusing on Experimental Surgery, Charleston, SC, September 26â€“28, 2018. Journal of Investigative Surgery, 2019, 32, 773-784.	1.3	1
16	Report of the Key Opinion Leaders Meeting on Stem Cell-derived Beta Cells. Transplantation, 2018, 102, 1223-1229.	1.0	72
17	Establishing a Large-Animal Model for In Vivo Reprogramming of Bile Duct Cells into Insulin-Secreting Cells to Treat Diabetes. Human Gene Therapy Clinical Development, 2017, 28, 87-95.	3.1	4
18	A completely biological â€œoff-the-shelfâ€•arteriovenous graft that recellularizes in baboons. Science Translational Medicine, 2017, 9, .	12.4	120

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19	Crossâ€validation of commercial enzymeâ€linked immunosorbent assay and radioimmunoassay for porcine Câ€peptide concentration measurements in nonâ€human primate serum. Xenotransplantation, 2017, 24, e12320.	2.8	10
20	Pancreatic islet xenotransplantation. Drug Discovery Today: Disease Models, 2017, 23, 43-50.	1.2	7
21	First update of the International Xenotransplantation Association consensus statement on conditions for undertaking clinical trials of porcine islet products in type 1 diabetesâ€"Chapter 4: preâ€clinical efficacy and complication data required to justify a clinical trial. Xenotransplantation, 2016, 23, 46-52.	2.8	36
22	A comprehensive microbiological safety approach for agarose encapsulated porcine islets intended for clinical trials. Xenotransplantation, 2016, 23, 444-463.	2.8	45
23	Evaluation of commercial <scp>ELISA</scp> and <scp>RIA</scp> for measuring porcine <scp>C</scp>â€peptide: implications for research. Xenotransplantation, 2015, 22, 62-69.	2.8	15
24	Xenotransplantation of islet cells: what can the nonâ€human primate model bring for the evaluation of efficacy and safety?. Xenotransplantation, 2015, 22, 231-235.	2.8	9
25	The multifactorial role of the 3Rs in shifting the harm-benefit analysis in animal models of disease. European Journal of Pharmacology, 2015, 759, 19-29.	3.5	128
26	The safety, efficacy and regulatory triangle in drug development: Impact for animal models and the use of animals. European Journal of Pharmacology, 2015, 759, 3-13.	3.5	41
27	Validity of animal models of type 1 diabetes, and strategies to enhance their utility in translational research. European Journal of Pharmacology, 2015, 759, 221-230.	3.5	53
28	Pharmacokinetics and Antinociceptive Activity of Sustained-Release Buprenorphine in Sheep. Journal of the American Association for Laboratory Animal Science, 2015, 54, 763-8.	1.2	9
29	Comparisons of phenotype and immunomodulatory capacity among rhesus boneâ€marrowâ€derived mesenchymal stem/stromal cells, multipotent adult progenitor cells, and dermal fibroblasts. Journal of Medical Primatology, 2014, 43, 231-241.	0.6	13
30	Pretreatment of Donor Pigs With a Diet Rich in Soybean Oil Increases the Yield of Isolated Islets. Transplantation Proceedings, 2014, 46, 1945-1949.	0.6	9
31	The immunobiology of pig-to-nonhuman primate islet xenotransplantation: insights, innovation, and impact. Xenotransplantation, 2013, 20, 50-50.	2.8	1
32	The usefulness and limitations of the diabetic macaque model in evaluating longâ€term porcine islet xenograft survival. Xenotransplantation, 2013, 20, 5-17.	2.8	35
33	Differences in glucoseâ€stimulated insulin secretion in vitro of islets from human, nonhuman primate, and porcine origin. Xenotransplantation, 2013, 20, 75-81.	2.8	56
34	Factors Affecting Transplant Outcomes in Diabetic Nude Mice Receiving Human, Porcine, and Nonhuman Primate Islets. Transplantation, 2013, 95, 1439-1447.	1.0	31
35	Management of adverse side-effects after chemotherapy in macaques as exemplified by streptozotocin: case studies and recommendations. Laboratory Animals, 2012, 46, 178-192.	1.0	12
36	Successful implementation of cooperative handling eliminates the need for restraint in a complex nonâ€human primate disease model. Journal of Medical Primatology, 2012, 41, 89-106.	0.6	50

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37	Limitations of the model of porcine islet transplantation in diabetic nonhuman primates affecting long-term survival and graft function. Xenotransplantation, 2012, 19, 8-8.	2.8	1
38	Long-Term Hepatic Vascular Access in the Nonhuman Primate for Recurrent Portal Vein Infusion. Journal of Investigative Surgery, 2011, 24, 59-66.	1.3	6
39	Successful Isolation and Transplantation of Nonhuman Primate Islets Using a Novel Purified Enzyme Blend. Transplantation, 2011, 92, e40-e42.	1.0	6
40	Species incompatibilities in the pigâ€toâ€macaque islet xenotransplant model affect transplant outcome: a comparison with allotransplantation. Xenotransplantation, 2011, 18, 328-342.	2.8	69
41	Extrahepatic islet transplantation with microporous polymer scaffolds in syngeneic mouse and allogeneic porcine models. Biomaterials, 2011, 32, 9677-9684.	11.4	67
42	Refining the high-dose streptozotocin-induced diabetic non-human primate model: an evaluation of risk factors and outcomes. Experimental Biology and Medicine, 2011, 236, 1218-1230.	2.4	21
43	The streptozotocin-induced diabetic nude mouse model: differences between animals from different sources. Comparative Medicine, 2011, 61, 356-60.	1.0	140
44	Refinement of vascular access port placement in nonhuman primates: complication rates and outcomes. Comparative Medicine, 2010, 60, 479-85.	1.0	16
45	A novel alternative placement site and technique for totally implantable vascular access ports in nonâ€human primates. Journal of Medical Primatology, 2009, 38, 204-212.	0.6	24
46	Risk factors associated with surgical site infection and the development of shortâ€term complications in macaques undergoing indwelling vascular access port placement. Journal of Medical Primatology, 2008, 37, 202-209.	0.6	11
47	Effects of Histone Deacetylase Inhibitor SAHA on Effector and FOXP3+Regulatory T Cells in Rhesus Macaques. Transplantation Proceedings, 2008, 40, 459-461.	0.6	33
48	Real-Time Noninvasive Assessment of Pancreatic ATP Levels During Cold Preservation. Transplantation Proceedings, 2008, 40, 403-406.	0.6	16
49	Prolonged diabetes reversal after intraportal xenotransplantation of wild-type porcine islets in immunosuppressed nonhuman primates. Nature Medicine, 2006, 12, 301-303.	30.7	499
50	Cyclosporine toxicity in immunosuppressed streptozotocin-diabetic nonhuman primates. Toxicology, 2005, 207, 117-127.	4.2	25