

Christopher Burlak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4052464/publications.pdf>

Version: 2024-02-01

49
papers

937
citations

840728

11
h-index

477281

29
g-index

49
all docs

49
docs citations

49
times ranked

1639
citing authors

#	ARTICLE	IF	CITATIONS
1	Double knockout pigs deficient in α -glycolylneuraminic acid and β -galactosyltransferase 1 reduce the humoral barrier to xenotransplantation. <i>Xenotransplantation</i> , 2013, 20, 27-35.	2.8	251
2	Caspase-1 causes truncation and aggregation of the Parkinson's disease-associated protein α -synuclein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9587-9592.	7.1	202
3	Previously differentiated medial vascular smooth muscle cells contribute to neointima formation following vascular injury. <i>Vascular Cell</i> , 2014, 6, 21.	0.2	117
4	The fate of human platelets perfused through the pig liver: implications for xenotransplantation. <i>Xenotransplantation</i> , 2010, 17, 350-361.	2.8	57
5	Potential pharmacological chaperones targeting cancer-associated MCL-1 and Parkinson disease-associated α -synuclein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11007-11012.	7.1	55
6	Linked glycan profiling of β -mannosidase 1 knockout pigs identifies new potential carbohydrate xenoantigens. <i>Xenotransplantation</i> , 2013, 20, 277-291.	2.8	44
7	Long-term tolerance of islet allografts in nonhuman primates induced by apoptotic donor leukocytes. <i>Nature Communications</i> , 2019, 10, 3495.	12.8	43
8	Optimizing sgRNA length to improve target specificity and efficiency for the GGTA1 gene using the CRISPR/Cas9 gene editing system. <i>PLoS ONE</i> , 2019, 14, e0226107.	2.5	31
9	Identification of human preformed antibody targets in GTKO pigs. <i>Xenotransplantation</i> , 2012, 19, 92-101.	2.8	29
10	Fibronectin from alpha 1,3-galactosyltransferase knockout pigs is a xenoantigen. <i>Journal of Surgical Research</i> , 2013, 184, 1123-1133.	1.6	13
11	Development of a cytokine-producing immortalized murine Kupffer cell line. <i>Cytokine</i> , 2014, 70, 165-172.	3.2	12
12	Interferon signaling in <i>Peromyscus leucopus</i> confers a potent and specific restriction to vector-borne flaviviruses. <i>PLoS ONE</i> , 2017, 12, e0179781.	2.5	12
13	High-mannose type N-glycans with core fucosylation and complex-type N-glycans with terminal neuraminic acid residues are unique to porcine islets. <i>PLoS ONE</i> , 2020, 15, e0241249.	2.5	12
14	Xenotransplantation literature update, November/December 2019. <i>Xenotransplantation</i> , 2020, 27, e12582.	2.8	10
15	HLA-G1+ Expression in GGTA1KO Pigs Suppresses Human and Monkey Anti-Pig T, B and NK Cell Responses. <i>Frontiers in Immunology</i> , 2021, 12, 730545.	4.8	10
16	Clinically available immunosuppression averts rejection but not systemic inflammation after porcine islet xenotransplant in cynomolgus macaques. <i>American Journal of Transplantation</i> , 2022, 22, 745-760.	4.7	9
17	Profiling natural serum antibodies of nonhuman primates with a carbohydrate antigen microarray. <i>Xenotransplantation</i> , 2020, 27, e12567.	2.8	4
18	3'UTR enhances hCD47 cell surface expression, self-signal function, and reduces ER stress in porcine fibroblasts. <i>Xenotransplantation</i> , 2021, 28, e12641.	2.8	4

#	ARTICLE	IF	CITATIONS
19	Efficient production of GGTA1 knockout porcine embryos using a modified handmade cloning (HMC) method. <i>Research in Veterinary Science</i> , 2020, 128, 59-68.	1.9	3
20	Human anti- α -1,6-fucose antibodies are xenoreactive toward GGTA1/CMAH knockout pigs. <i>Xenotransplantation</i> , 2020, 27, e12629.	2.8	3
21	Carbohydrate antigen microarray analysis of serum IgG and IgM antibodies before and after adult porcine islet xenotransplantation in cynomolgus macaques. <i>PLoS ONE</i> , 2021, 16, e0253029.	2.5	3
22	Xenotransplantation literature update, November–December 2014. <i>Xenotransplantation</i> , 2015, 22, 80-83.	2.8	2
23	Xenotransplantation literature update for September–October 2020. <i>Xenotransplantation</i> , 2021, 28, e12665.	2.8	2
24	Xenotransplantation Literature Update January/February 2021. <i>Xenotransplantation</i> , 2021, 28, e12685.	2.8	2
25	Xenotransplantation literature update, September/October 2017. <i>Xenotransplantation</i> , 2017, 24, e12367.	2.8	1
26	Xenotransplantation literature update, January/February 2018. <i>Xenotransplantation</i> , 2018, 25, e12398.	2.8	1
27	Xenotransplantation literature update, July/August 2019. <i>Xenotransplantation</i> , 2019, 26, e12561.	2.8	1
28	Xenotransplantation literature update, March/April 2019. <i>Xenotransplantation</i> , 2019, 26, e12538.	2.8	1
29	Xenotransplantation literature update, March/April 2020. <i>Xenotransplantation</i> , 2020, 27, e12607.	2.8	1
30	Epigenetic biomarkers indicate islet cell death in xenotransplantation. <i>Xenotransplantation</i> , 2020, 27, e12570.	2.8	1
31	Xenotransplantation literature update, November/December 2020. <i>Xenotransplantation</i> , 2021, 28, e12674.	2.8	1
32	Xenotransplantation literature update, September–October 2014. <i>Xenotransplantation</i> , 2014, 21, 584-587.	2.8	0
33	Xenotransplantation literature update, July–August 2014. <i>Xenotransplantation</i> , 2014, 21, 482-484.	2.8	0
34	Xenotransplantation literature update, May–June 2014. <i>Xenotransplantation</i> , 2014, 21, 392-395.	2.8	0
35	Xenotransplantation literature update, January–February 2014. <i>Xenotransplantation</i> , 2014, 21, 196-199.	2.8	0
36	Xenotransplantation literature update, March–April 2014. <i>Xenotransplantation</i> , 2014, 21, 301-305.	2.8	0

#	ARTICLE	IF	CITATIONS
37	Xenotransplantation literature update, September/October 2015. Xenotransplantation, 2015, 22, 490-492.	2.8	0
38	Xenotransplantation literature update, November/December 2017. Xenotransplantation, 2018, 25, e12389.	2.8	0
39	Xenotransplantation literature update, September/October 2018. Xenotransplantation, 2018, 25, e12475.	2.8	0
40	Xenotransplantation literature update, March/April 2018. Xenotransplantation, 2018, 25, e12422.	2.8	0
41	Xenotransplantation literature update, May/June 2019. Xenotransplantation, 2019, 26, e12547.	2.8	0
42	Xenotransplantation literature update, November/December 2018. Xenotransplantation, 2019, 26, e12494.	2.8	0
43	Xenotransplantation literature update, January/February 2019. Xenotransplantation, 2019, 26, e12518.	2.8	0
44	Xenotransplantation literature update, September/October 2019. Xenotransplantation, 2019, 26, e12573.	2.8	0
45	Xenotransplantation literature update, July/August 2020. Xenotransplantation, 2020, 27, e12653.	2.8	0
46	Human-porcine MHC homology allows for antibody cross-reactivity. Hla, 2020, 96, 197-201.	0.6	0
47	Xenotransplantation literature update, January/February 2020. Xenotransplantation, 2020, 27, e12589.	2.8	0
48	Highly efficient multiplex genetic engineering of porcine primary fetal fibroblasts. Surgery Open Science, 2021, 4, 26-31.	1.2	0
49	Update on xenotransplantation for May/June 2021. Xenotransplantation, 2021, 28, e12710.	2.8	0