

Hendrik Jan Schuurman

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,844
citations

331670

21
h-index

302126

39
g-index

48
all docs

48
docs citations

48
times ranked

1411
citing authors

#	ARTICLE	IF	CITATIONS
1	Prolonged diabetes reversal after intraportal xenotransplantation of wild-type porcine islets in immunosuppressed nonhuman primates. <i>Nature Medicine</i> , 2006, 12, 301-303.	30.7	499
2	Porcine Endogenous Retrovirus Transmission Characteristics of an Inbred Herd of Miniature Swine. <i>Journal of Virology</i> , 2002, 76, 3045-3048.	3.4	171
3	Progress in pig-to-nonhuman primate transplantation models (1998-2013): a comprehensive review of the literature. <i>Xenotransplantation</i> , 2014, 21, 397-419.	2.8	121
4	Identification of Exogenous Forms of Human-Tropic Porcine Endogenous Retrovirus in Miniature Swine. <i>Journal of Virology</i> , 2004, 78, 2494-2501.	3.4	120
5	Executive summary. <i>Xenotransplantation</i> , 2009, 16, 196-202.	2.8	94
6	Prolonged Survival of Porcine Hepatocytes in Cynomolgus Monkeys. <i>Gastroenterology</i> , 2007, 132, 321-329.	1.3	86
7	Chapter 2: Source pigs. <i>Xenotransplantation</i> , 2009, 16, 215-222.	2.8	61
8	Differences in glucose-stimulated insulin secretion <i>in vitro</i> of islets from human, nonhuman primate, and porcine origin. <i>Xenotransplantation</i> , 2013, 20, 75-81.	2.8	56
9	Validity of animal models of type 1 diabetes, and strategies to enhance their utility in translational research. <i>European Journal of Pharmacology</i> , 2015, 759, 221-230.	3.5	53
10	Successful implementation of cooperative handling eliminates the need for restraint in a complex nonhuman primate disease model. <i>Journal of Medical Primatology</i> , 2012, 41, 89-106.	0.6	50
11	Regulatory aspects of clinical xenotransplantation. <i>International Journal of Surgery</i> , 2015, 23, 312-321.	2.7	49
12	The safety, efficacy and regulatory triangle in drug development: Impact for animal models and the use of animals. <i>European Journal of Pharmacology</i> , 2015, 759, 3-13.	3.5	41
13	The usefulness and limitations of the diabetic macaque model in evaluating long-term porcine islet xenograft survival. <i>Xenotransplantation</i> , 2013, 20, 5-17.	2.8	35
14	The final obstacle to successful preclinical xenotransplantation?. <i>Xenotransplantation</i> , 2020, 27, e12596.	2.8	34
15	Is it currently possible to evaluate the risk posed by PERVs for clinical xenotransplantation?. <i>Xenotransplantation</i> , 2018, 25, e12403.	2.8	32
16	Current status of hepatocyte xenotransplantation. <i>International Journal of Surgery</i> , 2015, 23, 273-279.	2.7	27
17	Pathogen elimination and prevention within a regulated, Designated Pathogen Free, closed pig herd for long-term breeding and production of xenotransplantation materials. <i>Xenotransplantation</i> , 2018, 25, e12428.	2.8	27
18	Regulatory aspects of pig-to-human islet transplantation. <i>Xenotransplantation</i> , 2008, 15, 116-120.	2.8	24

#	ARTICLE	IF	CITATIONS
19	A novel alternative placement site and technique for totally implantable vascular access ports in non-human primates. <i>Journal of Medical Primatology</i> , 2009, 38, 204-212.	0.6	24
20	Inactivation of porcine endogenous retrovirus in pigs using CRISPR-Cas9, editorial commentary. <i>Xenotransplantation</i> , 2017, 24, e12363.	2.8	24
21	Refining the high-dose streptozotocin-induced diabetic non-human primate model: an evaluation of risk factors and outcomes. <i>Experimental Biology and Medicine</i> , 2011, 236, 1218-1230.	2.4	21
22	Testing of microencapsulated porcine hepatocytes in a new model of fulminant liver failure in baboons. <i>Xenotransplantation</i> , 2017, 24, e12297.	2.8	20
23	Microencapsulation of Hepatocytes and Mesenchymal Stem Cells for Therapeutic Applications. <i>Methods in Molecular Biology</i> , 2017, 1506, 259-271.	0.9	20
24	European Journal of Pharmacology, Special issue on translational value of animal models: Introduction. <i>European Journal of Pharmacology</i> , 2015, 759, 1-2.	3.5	15
25	Xenotransplantation: from the lab to the clinic. <i>Clinical Transplantation</i> , 2011, 25, E415-21.	1.6	13
26	Pig-to-human nonhuman primate solid organ xenografting: recent achievements on the road to first human explorations. <i>Xenotransplantation</i> , 2016, 23, 175-178.	2.8	12
27	JOINT FDA-IXA SYMPOSIUM, SEPTEMBER 20, 2017. <i>Xenotransplantation</i> , 2017, 24, e12365.	2.8	12
28	Microbiological safety of clinical xenotransplantation products: monitoring strategies and regulatory aspects. A commentary. <i>Xenotransplantation</i> , 2016, 23, 440-443.	2.8	11
29	Solid organ xenotransplantation at the interface between research and clinical development: Regulatory aspects. <i>Xenotransplantation</i> , 2020, 27, e12608.	2.8	10
30	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
31	Beneficial Effects of Human Mesenchymal Stromal Cells on Porcine Hepatocyte Viability and Albumin Secretion. <i>Journal of Immunology Research</i> , 2018, 2018, 1-13.	2.2	6
32	Commentary on "Characterization of acid and non-acid glycosphingolipids of porcine heart valve cusps as potential immune targets in biological heart valve grafts" (by Barone et al.): bioprosthetic products from animal origin are xenotransplantation products with their own regulatory path. <i>Xenotransplantation</i> , 2014, 21, 507-509.	2.8	3
33	Porcine C-peptide measurement to assess graft function in xenogeneic porcine islet transplantation; editorial commentary. <i>Xenotransplantation</i> , 2017, 24, e12324.	2.8	2
34	Introduction to the theme issue on regulatory aspects of xenotransplantation. <i>Xenotransplantation</i> , 2020, 27, e12620.	2.8	2
35	Regulatory aspects of xenotransplantation. <i>Xenotransplantation</i> , 2007, 14, 370-370.	2.8	1
36	Limitations of the model of porcine islet transplantation in diabetic nonhuman primates affecting long-term survival and graft function. <i>Xenotransplantation</i> , 2012, 19, 8-8.	2.8	1

#	ARTICLE	IF	CITATIONS
37	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,50 742 Td (https://doi.org/10.1053/j.surg.2019.07.011)	2.7	1
38	Invited Commentary on: Efficacy of pulmonary rehabilitation in improving the quality of life for patients with chronic obstructive pulmonary disease: A systematic review and meta-analysis. Review article [Int J Surg 2019]. International Journal of Surgery, 2020, 74, 107-108.	2.7	1
39	Peer review report 1 on "A surgeon-led model to improve operating theatre change-over time and overall efficiency: A randomised controlled trial". International Journal of Surgery, 2016, 25, 248-249.	2.7	0
40	Peer review report 2 on "General surgeon's antibiotic stewardship: climbing the Rogers Diffusion of Innovation Curve". International Journal of Surgery, 2017, 37, 224.	2.7	0
41	Peer review report 2 on "Diagnostic and therapeutic role of endoscopic retrograde pancreatography in the management of traumatic pancreatic duct injury patients: single center experience for 34 years". International Journal of Surgery, 2017, 37, 269.	2.7	0
42	Creation of chimeric animals by blastocyst complementation; Editorial commentary. Xenotransplantation, 2017, 24, e12325.	2.8	0
43	Peer review report 3 on "Prospective validation of a preoperative risk score model based on pancreatic texture to predict postoperative pancreatic fistula after pancreaticoduodenectomy.". International Journal of Surgery, 2017, 37, 549.	2.7	0
44	An Invited Commentary on "Bullying and undermining behaviours in surgery: A qualitative study of surgical trainee experiences in the United Kingdom (UK) & Republic Of Ireland (ROI)". [Int. J. Surg. (2020) Epub ahead of print]. International Journal of Surgery, 2020, 83, 152-153.	2.7	0
45	An invited commentary on "Comparative analysis of weight loss and resolution of comorbidities between laparoscopic sleeve gastrectomy and Roux-en-Y gastric bypass: A systematic review and meta-analysis based on 18 studies". (Int J Surg 2020; 76: 101-110). International Journal of Surgery, 2020, 78, 9-10.	2.7	0
46	Invited Commentary on "Safety and efficacy of Lactobacillus for preventing necrotizing enterocolitis in preterm infants: A systematic review and meta-analysis". (Int J Surg 2020; 76:79-87). International Journal of Surgery, 2020, 77, 30-31.	2.7	0
47	Invited Commentary on: Novel scoring system for recurrence risk classification of surgically resected G1/2 pancreatic neuroendocrine tumors " Retrospective cohort study [Article type: Retrospective cohort Study] (Int J Surg 2020). International Journal of Surgery, 2020, 75, 91-92.	2.7	0