

# Anja Reutzel-Selke

## List of Publications by Year in descending order

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66  
papers

1,391  
citations

331670

21  
h-index

345221

36  
g-index

67  
all docs

67  
docs citations

67  
times ranked

1948  
citing authors

#	ARTICLE	IF	CITATIONS
1	Methylprednisolone Therapy in Deceased Donors Reduces Inflammation in the Donor Liver and Improves Outcome After Liver Transplantation. <i>Annals of Surgery</i> , 2008, 248, 1042-1050.	4.2	173
2	Inhibition of ischemia/reperfusion injury and chronic graft deterioration by a single-donor treatment with cobalt-protoporphyrin for the induction of heme oxygenase-1. <i>Transplantation</i> , 2002, 74, 591-598.	1.0	162
3	Contribution of Prolonged Ischemia and Donor Age to Chronic Renal Allograft Dysfunction. <i>Journal of the American Society of Nephrology: JASN</i> , 2000, 11, 1317-1324.	6.1	108
4	Porcine Liver Decellularization Under Oscillating Pressure Conditions: A Technical Refinement to Improve the Homogeneity of the Decellularization Process. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 303-313.	2.1	57
5	In vivo effect of bone marrow-derived mesenchymal stem cells in a rat kidney transplantation model with prolonged cold ischemia. <i>Transplant International</i> , 2011, 24, 1112-1123.	1.6	55
6	Heme Oxygenase-1 Ameliorates Ischemia/Reperfusion Injury by Targeting Dendritic Cell Maturation and Migration. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 2049-2064.	5.4	50
7	Improved rat liver decellularization by arterial perfusion under oscillating pressure conditions. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 531-541.	2.7	48
8	Targeting of Macrophage Activity by Adenovirus-Mediated Intragraft Overexpression of TNFRp55-Ig, IL-12p40, and vIL-10 Ameliorates Adenovirus-Mediated Chronic Graft Injury, whereas Stimulation of Macrophages by Overexpression of IFN- $\beta$ Accelerates Chronic Graft Injury in a Rat Renal Allograft Model. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 214-225.	6.1	41
9	Prognostic significance of macrophage invasion in hilar cholangiocarcinoma. <i>BMC Cancer</i> , 2015, 15, 790.	2.6	39
10	Tumor necrosis and infiltrating macrophages predict survival after curative resection for cholangiocarcinoma. <i>Oncolmmunology</i> , 2017, 6, e1331806.	4.6	37
11	Induction of Carbon Monoxide in Donor Animals Prior to Organ Procurement Reduces Graft Immunogenicity and Inhibits Chronic Allograft Dysfunction. <i>Transplantation</i> , 2006, 82, 938-944.	1.0	35
12	Novel Markers in Zero-Hour Kidney Biopsies Indicate Graft Quality and Clinical Outcome. <i>Transplantation</i> , 2010, 90, 958-965.	1.0	33
13	Potent Early Immune Response After Kidney Transplantation in Patients of the European Senior Transplant Program. <i>Transplantation</i> , 2009, 87, 992-1000.	1.0	32
14	Accumulation of Crystal Deposits in Abdominal Organs Following Perfusion with Defrosted University of Wisconsin Solutions. <i>American Journal of Transplantation</i> , 2002, 2, 627-630.	4.7	28
15	Short-Term TNF-Alpha Inhibition Reduces Short-Term and Long-Term Inflammatory Changes Post-Ischemia/Reperfusion in Rat Intestinal Transplantation. <i>Transplantation</i> , 2014, 97, 732-739.	1.0	28
16	Short-term immunosuppressive treatment of the donor ameliorates consequences of ischemia/reperfusion injury and long-term graft function in renal allografts from older donors1. <i>Transplantation</i> , 2003, 75, 1786-1792.	1.0	27
17	Alterations of the immune response with increasing recipient age are associated with reduced long-term organ graft function of rat kidney allografts1. <i>Transplantation</i> , 2003, 76, 1560-1568.	1.0	27
18	Tumor-stromal cross-talk modulating the therapeutic response in pancreatic cancer. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2018, 17, 461-472.	1.3	25

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19	The impact of directly acting antivirals on the enzymatic liver function of liver transplant recipients with recurrent hepatitis C. <i>Transplant Infectious Disease</i> , 2016, 18, 896-903.	1.7	24
20	Micron-sized iron oxide-containing particles for microRNA-targeted manipulation and MRI-based tracking of transplanted cells. <i>Biomaterials</i> , 2015, 51, 129-137.	11.4	23
21	Synergistic effects of prolonged warm ischemia and donor age on the immune response following donation after cardiac death kidney transplantation. <i>Surgery</i> , 2013, 153, 249-261.	1.9	22
22	CD44 and CXCL9 serum protein levels predict the risk of clinically significant allograft rejection after liver transplantation. <i>Liver Transplantation</i> , 2015, 21, 1195-1207.	2.4	22
23	Prognostic significance of TIE2-expressing monocytes in hilar cholangiocarcinoma. <i>Journal of Surgical Oncology</i> , 2016, 114, 91-98.	1.7	22
24	Prognostic Significance of Tumor Necrosis in Hilar Cholangiocarcinoma. <i>Annals of Surgical Oncology</i> , 2017, 24, 518-525.	1.5	22
25	Single Pass Albumin Dialysis-A Dose-Finding Study to Define Optimal Albumin Concentration and Dialysate Flow. <i>Artificial Organs</i> , 2017, 41, 153-161.	1.9	16
26	Evolution of graft morphology and function after recellularization of decellularized rat livers. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e807-e816.	2.7	16
27	Angiogenic miRNAs, the angiopoietin axis and related TIE2-expressing monocytes affect outcomes in cholangiocarcinoma. <i>Oncotarget</i> , 2018, 9, 29921-29933.	1.8	15
28	Development of a Rat Liver Machine Perfusion System for Normothermic and Subnormothermic Conditions. <i>Tissue Engineering - Part A</i> , 2020, 26, 57-65.	3.1	14
29	Ischemic preconditioning produces systemic protective and adoptively transferable effects. <i>Kidney International</i> , 2008, 74, 622-630.	5.2	12
30	Implantation of a Tissue-Engineered Neo-Bile Duct in Domestic Pigs. <i>European Surgical Research</i> , 2016, 56, 61-75.	1.3	12
31	Engineering an endothelialized, endocrine Neo-Pancreas: Evaluation of islet functionality in an ex vivo model. <i>Acta Biomaterialia</i> , 2020, 117, 213-225.	8.3	12
32	In vitro recellularization of decellularized bovine carotid arteries using human endothelial colony forming cells. <i>Journal of Biological Engineering</i> , 2021, 15, 15.	4.7	12
33	Independent effects of sham laparotomy and anesthesia on hepatic microRNA expression in rats. <i>BMC Research Notes</i> , 2014, 7, 702.	1.4	11
34	Procedure for Decellularization of Rat Livers in an Oscillating-pressure Perfusion Device. <i>Journal of Visualized Experiments</i> , 2015, , e53029.	0.3	11
35	Bile: miRNA pattern and protein-based biomarkers may predict acute cellular rejection after liver transplantation. <i>Biomarkers</i> , 2017, 22, 19-27.	1.9	10
36	Cold Ischemia Does Not Interfere With Tolerance Induction. <i>Transplantation</i> , 2009, 87, 1116-1124.	1.0	9

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37	Human Hepatocyte Isolation: Does Portal Vein Embolization Affect the Outcome?. Tissue Engineering - Part C: Methods, 2016, 22, 38-48.	2.1	9
38	Diagnosis of HCC for patients with cirrhosis using miRNA profiles of the tumor-surrounding tissue – A statistical model based on stepwise penalized logistic regression. Experimental and Molecular Pathology, 2016, 101, 165-171.	2.1	8
39	Donor brain death significantly interferes with tolerance induction protocols. Transplant International, 2009, 22, 482-493.	1.6	7
40	Intragraft and Systemic Immune Parameters Discriminating Between Rejection and Long-Term Graft Function in a Preclinical Model of Intestinal Transplantation. Transplantation, 2017, 101, 1036-1045.	1.0	7
41	Feasibility study of an active wound dressing based on hollow fiber membranes in a porcine wound model. Burns, 2015, 41, 778-788.	1.9	6
42	Hepatocyte Isolation After Laparoscopic Liver Resection. Tissue Engineering - Part C: Methods, 2016, 22, 839-846.	2.1	6
43	Low-dose cyclosporine mediates donor hyporesponsiveness in a fully mismatched rat kidney transplant model. Transplant Immunology, 2012, 26, 176-185.	1.2	5
44	Waitlist characteristics of patients at a single-center intestinal and multivisceral transplant program. Transplant International, 2013, 26, 392-401.	1.6	5
45	Computed tomography-based survey of the vascular anatomy of the juvenile Göttingen minipig. Laboratory Animals, 2017, 51, 388-396.	1.0	5
46	Urinary Biomarkers – GST and –GST for Evaluation and Monitoring in Living and Deceased Donor Kidney Grafts. Journal of Clinical Medicine, 2019, 8, 1899.	2.4	5
47	Tissue-based miRNA mapping in alcoholic liver cirrhosis: different profiles in cirrhosis with or without hepatocellular carcinoma. Biomarkers, 2020, 25, 62-68.	1.9	5
48	The value of microparticles in detecting acute rejection episodes after liver transplantation. Biomarkers, 2018, 23, 25-32.	1.9	4
49	Perfusion-Based Recellularization of Rat Livers with Islets of Langerhans. Journal of Medical and Biological Engineering, 2022, 42, 271-280.	1.8	4
50	The impact of immune-activating processes following transplantation on chronic allograft nephropathy. Kidney International, 2003, 64, 1125-1133.	5.2	3
51	microRNA signatures in peripheral blood fail to detect acute cellular rejection after liver transplantation. Biomarkers, 2016, 21, 699-707.	1.9	3
52	Allogeneic Liver Transplantation and Subsequent Syngeneic Hepatocyte Transplantation in a Rat Model: Proof of Concept for in vivo Tissue Engineering. Cells Tissues Organs, 2016, 201, 399-411.	2.3	3
53	Isolation, Characterization and Cold Storage of Cells Isolated from Diseased Explanted Livers. International Journal of Artificial Organs, 2017, 40, 294-306.	1.4	3
54	Characterization of Pancreatic and Biliary Cancer Stem Cells in Patient-derived Tissue. Anticancer Research, 2020, 40, 1267-1275.	1.1	3

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55	Dual versus single vessel normothermic ex vivo perfusion of rat liver grafts using metamizole for vasodilatation. PLoS ONE, 2020, 15, e0235635.	2.5	3
56	Surface modification of decellularized bovine carotid arteries with human vascular cells significantly reduces their thrombogenicity. Journal of Biological Engineering, 2021, 15, 26.	4.7	3
57	The Magnetic Field of Magnetic Resonance Imaging Systems Does Not Affect Cells Labeled with Micrometer-Sized Iron Oxide Particles. Tissue Engineering - Part C: Methods, 2017, 23, 412-421.	2.1	2
58	Notch Signaling Pathway in Pancreatobiliary Tumors. Medicina (Lithuania), 2021, 57, 105.	2.0	1
59	Cancer Associated Fibroblasts Derived from Pancreatic Adenocarcinoma and Their Role in Cell Migration. Anticancer Research, 2021, 41, 4229-4238.	1.1	1
60	The Predictive Value of the Maximal Liver Function Capacity Test for the Isolation of Primary Human Hepatocytes. Tissue Engineering - Part C: Methods, 2018, 24, 179-186.	2.1	0
61	Title is missing!. , 2020, 15, e0235635.		0
62	Title is missing!. , 2020, 15, e0235635.		0
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