

# Florian Wolfgang Rudolf Vondran

## List of Publications by Year in descending order

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95  
papers

2,232  
citations

236833

25  
h-index

265120

42  
g-index

97  
all docs

97  
docs citations

97  
times ranked

3993  
citing authors

#	ARTICLE	IF	CITATIONS
1	The clinically approved drugs amiodarone, dronedarone and verapamil inhibit filovirus cell entry. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2123-2131.	1.3	159
2	Hepatitis B Virus DNA Integration Occurs Early in the Viral Life Cycle in an <i>In Vitro</i> Infection Model via Sodium Taurocholate Cotransporting Polypeptide-Dependent Uptake of Enveloped Virus Particles. <i>Journal of Virology</i> , 2018, 92, .	1.5	125
3	Hypothermic Oxygenated Machine Perfusion Reduces Early Allograft Injury and Improves Post-transplant Outcomes in Extended Criteria Donation Liver Transplantation From Donation After Brain Death. <i>Annals of Surgery</i> , 2021, 274, 705-712.	2.1	118
4	Cryopreservation of primary human hepatocytes: The benefit of trehalose as an additional cryoprotective agent. <i>Liver Transplantation</i> , 2007, 13, 38-45.	1.3	98
5	Interferon-inducible cholesterol-25-hydroxylase restricts hepatitis C virus replication through blockage of membranous web formation. <i>Hepatology</i> , 2015, 62, 702-714.	3.6	78
6	Sodium taurocholate cotransporting polypeptide is the limiting host factor of hepatitis B virus infection in macaque and pig hepatocytes. <i>Hepatology</i> , 2017, 66, 703-716.	3.6	78
7	Isolation of Primary Human Hepatocytes After Partial Hepatectomy: Criteria for Identification of the Most Promising Liver Specimen. <i>Artificial Organs</i> , 2008, 32, 205-213.	1.0	75
8	Robust hepatitis E virus infection and transcriptional response in human hepatocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1731-1741.	3.3	67
9	Flunarizine prevents hepatitis C virus membrane fusion in a genotype-dependent manner by targeting the potential fusion peptide within E1. <i>Hepatology</i> , 2016, 63, 49-62.	3.6	64
10	Correlative Imaging Strategies Implementing CT, MRI, and PET for Staging of Childhood Hodgkin Disease. <i>Journal of Pediatric Hematology/Oncology</i> , 2006, 28, 501-512.	0.3	57
11	Explanted Diseased Livers – A Possible Source of Metabolic Competent Primary Human Hepatocytes. <i>PLoS ONE</i> , 2014, 9, e101386.	1.1	55
12	An Extended $\Delta^2$ CT-Method Facilitating Normalisation with Multiple Reference Genes Suited for Quantitative RT-PCR Analyses of Human Hepatocyte-Like Cells. <i>PLoS ONE</i> , 2014, 9, e93031.	1.1	54
13	Impact of Basiliximab on regulatory T-cells early after kidney transplantation: down-regulation of CD25 by receptor modulation. <i>Transplant International</i> , 2010, 23, 514-523.	0.8	52
14	Tuning a cellular lipid kinase activity adapts hepatitis C virus to replication in cell culture. <i>Nature Microbiology</i> , 2017, 2, 16247.	5.9	52
15	Inhibition of Autophagic Flux by Salinomycin Results in Anti-Cancer Effect in Hepatocellular Carcinoma Cells. <i>PLoS ONE</i> , 2014, 9, e95970.	1.1	51
16	A multicentre, randomized clinical trial comparing the Veriset <sup>®</sup> haemostatic patch with fibrin sealant for the management of bleeding during hepatic surgery. <i>Hpb</i> , 2013, 15, 548-558.	0.1	48
17	Surgical treatment for intrahepatic cholangiocarcinoma in Europe: a single center experience. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2015, 22, 131-137.	1.4	46
18	Autophagy inhibition due to thymidine analogues as novel mechanism leading to hepatocyte dysfunction and lipid accumulation. <i>Aids</i> , 2012, 26, 1995-2006.	1.0	44

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19	Increased apoptosis induction in hepatocellular carcinoma by a novel tumor-targeted TRAIL fusion protein combined with bortezomib. <i>Hepatology</i> , 2013, 57, 625-636.	3.6	44
20	Hepatitis E virus replication and interferon responses in human placental cells. <i>Hepatology Communications</i> , 2018, 2, 173-187.	2.0	40
21	Hepatitis B Virus DNA is a Substrate for the cGAS/STING Pathway but is not Sensed in Infected Hepatocytes. <i>Viruses</i> , 2020, 12, 592.	1.5	39
22	Hepatocyte-specific suppression of microRNA-221-3p mitigates liver fibrosis. <i>Journal of Hepatology</i> , 2019, 70, 722-734.	1.8	38
23	T5 Exonuclease Hydrolysis of Hepatitis B Virus Replicative Intermediates Allows Reliable Quantification and Fast Drug Efficacy Testing of Covalently Closed Circular DNA by PCR. <i>Journal of Virology</i> , 2018, 92, .	1.5	35
24	A New Role for Capsid Assembly Modulators To Target Mature Hepatitis B Virus Capsids and Prevent Virus Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 64, .	1.4	32
25	Several Human Liver Cell Expressed Apolipoproteins Complement HCV Virus Production with Varying Efficacy Conferring Differential Specific Infectivity to Released Viruses. <i>PLoS ONE</i> , 2015, 10, e0134529.	1.1	30
26	Risk Factors for Short- and Long-Term Mortality in Liver Transplant Recipients with MELD Score $\geq 30$ . <i>Annals of Transplantation</i> , 2015, 20, 59-69.	0.5	25
27	The purinergic P2Y14 receptor links hepatocyte death to hepatic stellate cell activation and fibrogenesis in the liver. <i>Science Translational Medicine</i> , 2022, 14, eabe5795.	5.8	25
28	Liver-expressed <i>Cd302</i> and <i>Cr1</i> limit hepatitis C virus cross-species transmission to mice. <i>Science Advances</i> , 2020, 6, .	4.7	23
29	Recurrence of primary sclerosing cholangitis after liver transplantation – analysing the European Liver Transplant Registry and beyond. <i>Transplant International</i> , 2021, 34, 1455-1467.	0.8	23
30	Interferon-beta expression and type I interferon receptor signaling of hepatocytes prevent hepatic necrosis and virus dissemination in Coxsackievirus B3-infected mice. <i>PLoS Pathogens</i> , 2018, 14, e1007235.	2.1	22
31	Immunological aspects of liver cell transplantation. <i>World Journal of Transplantation</i> , 2016, 6, 42.	0.6	22
32	Hepatitis C Virus Strain-Dependent Usage of Apolipoprotein E Modulates Assembly Efficiency and Specific Infectivity of Secreted Virions. <i>Journal of Virology</i> , 2017, 91, .	1.5	21
33	Imaging of primary human hepatocytes performed with micron-sized iron oxide particles and clinical magnetic resonance tomography. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1384-1394.	1.6	19
34	Outcome and safety of a surveillance biopsy guided personalized immunosuppression program after liver transplantation. <i>American Journal of Transplantation</i> , 2022, 22, 519-531.	2.6	19
35	Cholangitis in the postoperative course after biliodigestive anastomosis. <i>Langenbeck's Archives of Surgery</i> , 2016, 401, 715-724.	0.8	18
36	Efficient acute and chronic infection of stem cell-derived hepatocytes by hepatitis C virus. <i>Gut</i> , 2020, 69, 1659-1666.	6.1	18

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37	Risk-Adjusted Analysis of Relevant Outcome Drivers for Patients after More Than Two Kidney Transplants. <i>Journal of Transplantation</i> , 2015, 2015, 1-9.	0.3	17
38	Myeloid Dendritic Cells Repress Human Cytomegalovirus Gene Expression and Spread by Releasing Interferon-Unrelated Soluble Antiviral Factors. <i>Journal of Virology</i> , 2018, 92, .	1.5	17
39	Relevant prognostic factors influencing outcome of patients after surgical resection of distal cholangiocarcinoma. <i>BMC Surgery</i> , 2018, 18, 56.	0.6	17
40	High hepatic expression of PDK4 improves survival upon multimodal treatment of colorectal liver metastases. <i>British Journal of Cancer</i> , 2019, 120, 675-688.	2.9	17
41	<i>Helicobacter hepaticus</i> Induces an Inflammatory Response in Primary Human Hepatocytes. <i>PLoS ONE</i> , 2014, 9, e99713.	1.1	16
42	Incidence and outcome of abdominal surgical interventions following lung transplantation—a single center experience. <i>Langenbeck's Archives of Surgery</i> , 2011, 396, 1231-1237.	0.8	15
43	Decreased frequency of peripheral CD4+CD161+Th17-precursor cells in kidney transplant recipients on long-term therapy with Belatacept. <i>Transplant International</i> , 2012, 25, 455-463.	0.8	15
44	Inactivation of HCV and HIV by microwave: a novel approach for prevention of virus transmission among people who inject drugs. <i>Scientific Reports</i> , 2016, 6, 36619.	1.6	14
45	Autophagy alleviates amiodarone-induced hepatotoxicity. <i>Archives of Toxicology</i> , 2020, 94, 3527-3539.	1.9	13
46	Initial Hepatitis C Virus Infection of Adult Hepatocytes Triggers a Temporally Structured Transcriptional Program Containing Diverse Pro- and Antiviral Elements. <i>Journal of Virology</i> , 2021, 95, .	1.5	13
47	Pre-transplant immune state defined by serum markers and alloreactivity predicts acute rejection after living donor kidney transplantation. <i>Clinical Transplantation</i> , 2014, 28, 968-979.	0.8	12
48	Prediction of survival and tumor recurrence in patients undergoing surgery for pancreatic neuroendocrine neoplasms. <i>Journal of Surgical Oncology</i> , 2016, 113, 194-202.	0.8	12
49	The SlideReactor-A Simple Hollow Fiber Based Bioreactor Suitable for Light Microscopy. <i>Artificial Organs</i> , 2005, 29, 264-267.	1.0	11
50	Monitoring of liver function in a 73-year old patient undergoing Associating Liver Partition and Portal vein ligation for Staged hepatectomy™: case report applying the novel liver maximum function capacity test. <i>Patient Safety in Surgery</i> , 2016, 10, 16.	1.1	11
51	Acetaminophen-induced liver injury is mediated by the ion channel TRPV4. <i>FASEB Journal</i> , 2019, 33, 10257-10268.	0.2	11
52	Association of high anti-donor alloreactivity and low frequency of FoxP3-expressing cells prior to kidney transplantation with acute graft rejection. <i>Clinical Transplantation</i> , 2011, 25, 905-914.	0.8	10
53	Therapeutic plasma exchange in acute on chronic liver failure. <i>Journal of Clinical Apheresis</i> , 2020, 35, 316-327.	0.7	10
54	Sofosbuvir Activates EGFR-Dependent Pathways in Hepatoma Cells with Implications for Liver-Related Pathological Processes. <i>Cells</i> , 2020, 9, 1003.	1.8	10

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55	BH3-only protein expression determines hepatocellular carcinoma response to sorafenib-based treatment. <i>Cell Death and Disease</i> , 2021, 12, 736.	2.7	10
56	Characterization of RNA Sensing Pathways in Hepatoma Cell Lines and Primary Human Hepatocytes. <i>Cells</i> , 2021, 10, 3019.	1.8	10
57	Silencing of HLA class I on primary human hepatocytes as a novel strategy for reduction in alloreactivity. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 5705-5714.	1.6	9
58	T cell receptor repertoires within liver allografts are different to those in the peripheral blood. <i>Journal of Hepatology</i> , 2021, 74, 1167-1175.	1.8	9
59	Recipient-Specific Risk Factors Impairing Patient and Graft Outcome after Pediatric Liver Transplantation—Analysis of 858 Transplantations in 38 Years. <i>Children</i> , 2021, 8, 641.	0.6	9
60	In Vitro and In Vivo Proof of Tolerance After Two-Step Haploidentical Bone Marrow and Kidney Transplantation of the Same Donor. <i>Transplantation</i> , 2012, 93, e23-e25.	0.5	8
61	Surgical complications in pediatric kidney transplantation—Incidence, risk factors, and effects on graft survival: A retrospective single-center study. <i>Pediatric Transplantation</i> , 2021, 25, e13871.	0.5	8
62	Improved alpharetrovirus-based Gag-MS2 particles for efficient and transient delivery of CRISPR-Cas9 into target cells. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 810-823.	2.3	8
63	Modulation of HCV reinfection after orthotopic liver transplantation by fibroblast growth factor-2 and other non-interferon mediators. <i>Gut</i> , 2016, 65, 1015-1023.	6.1	7
64	Hepatocyte-induced CD4+ T cell alloresponse is associated with major histocompatibility complex class II up-regulation on hepatocytes and suppressible by regulatory T cells. <i>Liver Transplantation</i> , 2018, 24, 407-419.	1.3	7
65	Porcine model for the study of liver regeneration enhanced by non-invasive 13C-methacetin breath test (LiMAX test) and permanent portal venous access. <i>PLoS ONE</i> , 2019, 14, e0217488.	1.1	7
66	Extended hepatic metastasectomy for renal cell carcinoma—new aspects in times of targeted therapy: a single-center experience over three decades. <i>Langenbeck's Archives of Surgery</i> , 2020, 405, 97-106.	0.8	7
67	Kidney Transplantation After Rescue Allocation—the Eurotransplant Experience: A Retrospective Multicenter Outcome Analysis. <i>Transplantation</i> , 2022, 106, 1215-1226.	0.5	7
68	Associating Liver Partition and Portal vein ligation for Staged hepatectomy after preoperative chemotherapy. <i>ANZ Journal of Surgery</i> , 2018, 88, E324-E328.	0.3	6
69	Preoperative leukocytosis and the resection severity index are independent risk factors for survival in patients with intrahepatic cholangiocarcinoma. <i>Langenbeck's Archives of Surgery</i> , 2020, 405, 977-988.	0.8	6
70	Identification of Keratin 23 as a Hepatitis C Virus-Induced Host Factor in the Human Liver. <i>Cells</i> , 2019, 8, 610.	1.8	5
71	MicroRNA-125b-5p Regulates Hepatocyte Proliferation During the Termination Phase of Liver Regeneration. <i>Hepatology Communications</i> , 2020, 4, 1851-1863.	2.0	5
72	Recipient natural killer cells alter the course of rejection of allogeneic heart grafts in rats. <i>PLoS ONE</i> , 2019, 14, e0220546.	1.1	4

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73	Sex Differences in Subclinical Cardiovascular Organ Damage After Renal Transplantation: A Single-Center Cohort Study. <i>Journal of Women's Health</i> , 2020, 30, 1352-1361.	1.5	4
74	Direct conversion of porcine primary fibroblasts into hepatocyte-like cells. <i>Scientific Reports</i> , 2021, 11, 9334.	1.6	4
75	Distinct Immune Imprints of Post-Liver Transplantation Hepatitis C Persist Despite Viral Clearance. <i>Liver Transplantation</i> , 2021, 27, 887-899.	1.3	4
76	Proposal of a New Definition of "Very Early" Intrahepatic Cholangiocarcinoma: A Retrospective Single-Center Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 4073.	1.0	4
77	Low-dose steroids do make a difference: Independent risk factors for impaired linear growth after pediatric liver transplantation. <i>Pediatric Transplantation</i> , 2021, 25, e13989.	0.5	3
78	Supportive Hepatocyte Transplantation after Partial Hepatectomy Enhances Liver Regeneration in a Preclinical Pig Model. <i>European Surgical Research</i> , 2021, 62, 238-247.	0.6	3
79	Preoperative Recipient Parameters Allow Early Estimation of Postoperative Outcome and Intraoperative Transfusion Requirements in Liver Transplantation. <i>Progress in Transplantation</i> , 2018, 28, 116-123.	0.4	2
80	Abdominal Surgery in Patients with Ventricular Assist Devices: a Single-Center Report. <i>ASAIO Journal</i> , 2020, 66, 890-898.	0.9	2
81	Prospective assessment of subclinical cardiovascular damage and associated factors in liver transplant recipients. <i>Transplant International</i> , 2021, 34, 127-138.	0.8	2
82	Liver-first strategy for a combined lung and liver transplant in patients with cystic fibrosis. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 822-830.	0.6	2
83	The importance of MHC class II in allogeneic bone marrow transplantation and chimerism-based solid organ tolerance in a rat model. <i>PLoS ONE</i> , 2020, 15, e0233497.	1.1	2
84	Impact of perioperative blood transfusions on postoperative renal function and survival after resection of colorectal liver metastases. <i>World Journal of Surgical Oncology</i> , 2022, 20, 100.	0.8	2
85	Application of the Liver Maximum Function Capacity Test in Acute Liver Failure: A Helpful Tool for Decision-Making in Liver Transplantation?. <i>Case Reports in Transplantation</i> , 2016, 2016, 1-5.	0.1	1
86	Response to "Critical appraisal of the modified ante situm liver resection" is the original method the better choice? Langenbeck's <i>Archives of Surgery</i> , 2019, 404, 649-651.	0.8	1
87	Alloresponses of Mixed Lymphocyte Hepatocyte Culture to Immunosuppressive Drugs as an In-Vitro Model of Hepatocyte Transplantation. <i>Annals of Transplantation</i> , 2019, 24, 472-480.	0.5	1
88	Longitudinal imaging and femtosecond laser manipulation of the liver: How to generate and trace single-cell-resolved micro-damage in vivo. <i>PLoS ONE</i> , 2020, 15, e0240405.	1.1	1
89	Diaphragmatic Hernia following Pediatric Liver Transplantation: An Underappreciated Complication Prone to Recur. <i>European Journal of Pediatric Surgery</i> , 2021, 31, 396-406.	0.7	1
90	Cold Ischemia Time and Graft Fibrosis Are Associated with Autoantibodies after Pediatric Liver Transplantation: A Retrospective Cohort Study of the European Reference Network TransplantChild. <i>Children</i> , 2022, 9, 275.	0.6	1

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91	Antibiotic-Resistant Bacteria Colonizing the Bile Duct Are Associated with Increased Morbidity and Mortality after Resection of Extrahepatic Cholangiocarcinoma. <i>Surgical Infections</i> , 2022, 23, 270-279.	0.7	1
92	Response to Comments Made by Atif on "In Vitro and In Vivo Proof of Tolerance After Two-Step Haploidentical Bone Marrow and Kidney Transplantation of the Same Donor". <i>Transplantation</i> , 2012, 94, e27-e28.	0.5	0
93	SaO <sub>2</sub> INDEPENDENT SYSTEMIC BIOMARKER FOR SEVERITY OF ACUTE KIDNEY INJURY AFTER MAJOR SURGERY AND TRANSPLANTATION. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, .	0.4	0
94	An Immunological Model for Heterotopic Heart and Cardiac Muscle Cell Transplantation in Rats. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	0
95	Continuously Microscopically Observed and Process-Controlled Cell Culture Within the SlideReactor: Proof of a New Concept for Cell Characterization. <i>Tissue Engineering</i> , 2006, .	4.9	0