

Monique M A Verstegen

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

5,401
citations

172207

29
h-index

114278

63
g-index

68
all docs

68
docs citations

68
times ranked

8487
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-Term Culture of Genome-Stable Bipotent Stem Cells from Adult Human Liver. <i>Cell</i> , 2015, 160, 299-312.	13.5	1,166
2	Human primary liver cancer-derived organoid cultures for disease modeling and drug screening. <i>Nature Medicine</i> , 2017, 23, 1424-1435.	15.2	905
3	Tissue-specific mutation accumulation in human adult stem cells during life. <i>Nature</i> , 2016, 538, 260-264.	13.7	759
4	Integrated Transcript and Genome Analyses Reveal NKX2-1 and MEF2C as Potential Oncogenes in T Cell Acute Lymphoblastic Leukemia. <i>Cancer Cell</i> , 2011, 19, 484-497.	7.7	322
5	Human Placenta Is a Potent Hematopoietic Niche Containing Hematopoietic Stem and Progenitor Cells throughout Development. <i>Cell Stem Cell</i> , 2009, 5, 385-395.	5.2	193
6	Prime editing for functional repair in patient-derived disease models. <i>Nature Communications</i> , 2020, 11, 5352.	5.8	134
7	Building consensus on definition and nomenclature of hepatic, pancreatic, and biliary organoids. <i>Cell Stem Cell</i> , 2021, 28, 816-832.	5.2	133
8	Highly Efficient Transduction of the Green Fluorescent Protein Gene in Human Umbilical Cord Blood Stem Cells Capable of Cobblestone Formation in Long-Term Cultures and Multilineage Engraftment of Immunodeficient Mice. <i>Blood</i> , 1998, 92, 4013-4022.	0.6	106
9	Cancer-Associated Fibroblasts Provide a Stromal Niche for Liver Cancer Organoids That Confers Trophic Effects and Therapy Resistance. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 407-431.	2.3	103
10	Intrinsic differentiation potential of adolescent human tendon tissue: an in-vitro cell differentiation study. <i>BMC Musculoskeletal Disorders</i> , 2007, 8, 16.	0.8	92
11	Large-scale Production of LGR5-Positive Bipotential Human Liver Stem Cells. <i>Hepatology</i> , 2020, 72, 257-270.	3.6	89
12	Long-Term Adult Feline Liver Organoid Cultures for Disease Modeling of Hepatic Steatosis. <i>Stem Cell Reports</i> , 2017, 8, 822-830.	2.3	82
13	Decellularization of Whole Human Liver Grafts Using Controlled Perfusion for Transplantable Organ Bioscaffolds. <i>Stem Cells and Development</i> , 2017, 26, 1304-1315.	1.1	71
14	Transplantation of Human Umbilical Cord Blood Cells in Macrophage-Depleted SCID Mice: Evidence for Accessory Cell Involvement in Expansion of Immature CD34+CD38 ^{hi} Cells. <i>Blood</i> , 1998, 91, 1966-1976.	0.6	70
15	No Evidence for Circulating Mesenchymal Stem Cells in Patients with Organ Injury. <i>Stem Cells and Development</i> , 2014, 23, 2328-2335.	1.1	61
16	Lipid-mediated Wnt protein stabilization enables serum-free culture of human organ stem cells. <i>Nature Communications</i> , 2017, 8, 14578.	5.8	60
17	Fast, robust and effective decellularization of whole human livers using mild detergents and pressure controlled perfusion. <i>Materials Science and Engineering C</i> , 2020, 108, 110200.	3.8	60
18	Mitochondrial Fusion Via OPA1 and MFN1 Supports Liver Tumor Cell Metabolism and Growth. <i>Cells</i> , 2020, 9, 121.	1.8	60

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19	Recombination-activating gene 1 (Rag1)â€“deficient mice with severe combined immunodeficiency treated with lentiviral gene therapy demonstrate autoimmune Omenn-like syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1116-1123.	1.5	56
20	Long-term live imaging and multiscale analysis identify heterogeneity and core principles of epithelial organoid morphogenesis. <i>BMC Biology</i> , 2021, 19, 37.	1.7	54
21	Application of human liver organoids as a patient-derived primary model for HBV infection and related hepatocellular carcinoma. <i>ELife</i> , 2021, 10, .	2.8	51
22	LGR5 marks targetable tumor-initiating cells in mouse liver cancer. <i>Nature Communications</i> , 2020, 11, 1961.	5.8	49
23	Insertion Sites in Engrafted Cells Cluster Within a Limited Repertoire of Genomic Areas After Gammaretroviral Vector Gene Therapy. <i>Molecular Therapy</i> , 2011, 19, 2031-2039.	3.7	48
24	Human extrahepatic and intrahepatic cholangiocyte organoids show region-specific differentiation potential and model cystic fibrosis-related bile duct disease. <i>Scientific Reports</i> , 2020, 10, 21900.	1.6	43
25	Correction of Murine SCID-X1 by Lentiviral Gene Therapy Using a Codon-optimized IL2RG Gene and Minimal Pretransplant Conditioning. <i>Molecular Therapy</i> , 2011, 19, 1867-1877.	3.7	39
26	Dynamics of Proliferative and Quiescent Stem Cells in Liver Homeostasis and Injury. <i>Gastroenterology</i> , 2017, 153, 1133-1147.	0.6	39
27	From organoids to organs: Bioengineering liver grafts from hepatic stem cells and matrix. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2017, 31, 151-159.	1.0	36
28	Necroptotic Cell Death in Liver Transplantation and Underlying Diseases: Mechanisms and Clinical Perspective. <i>Liver Transplantation</i> , 2019, 25, 1091-1104.	1.3	34
29	Hydrogels derived from decellularized liver tissue support the growth and differentiation of cholangiocyte organoids. <i>Biomaterials</i> , 2022, 284, 121473.	5.7	33
30	Modeling liver cancer and therapy responsiveness using organoids derived from primary mouse liver tumors. <i>Carcinogenesis</i> , 2019, 40, 145-154.	1.3	30
31	First Report on Ex Vivo Delivery of Paracrine Active Human Mesenchymal Stromal Cells to Liver Grafts During Machine Perfusion. <i>Transplantation</i> , 2020, 104, e5-e7.	0.5	30
32	Recapitulating hepatitis E virusâ€“host interactions and facilitating antiviral drug discovery in human liverâ€“derived organoids. <i>Science Advances</i> , 2022, 8, eabj5908.	4.7	28
33	Recreating Tumour Complexity in a Dish: Organoid Models to Study Liver Cancer Cells and their Extracellular Environment. <i>Cancers</i> , 2019, 11, 1706.	1.7	26
34	Scaffolds obtained from decellularized human extrahepatic bile ducts support organoids to establish functional biliary tissue in a dish. <i>Biotechnology and Bioengineering</i> , 2021, 118, 836-851.	1.7	26
35	Experimental models to unravel the molecular pathogenesis, cell of origin and stem cell properties of cholangiocarcinoma. <i>Liver International</i> , 2019, 39, 79-97.	1.9	25
36	Modelling immune cytotoxicity for cholangiocarcinoma with tumour-derived organoids and effector T cells. <i>British Journal of Cancer</i> , 2022, 127, 649-660.	2.9	23

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37	Ultra-thin fluorocarbon foils optimise multiscale imaging of three-dimensional native and optically cleared specimens. <i>Scientific Reports</i> , 2019, 9, 17292.	1.6	20
38	Human Graft-Derived Mesenchymal Stromal Cells Potently Suppress Alloreactive T-Cell Responses. <i>Stem Cells and Development</i> , 2015, 24, 1436-1447.	1.1	19
39	Rotavirus Infection and Cytopathogenesis in Human Biliary Organoids Potentially Recapitulate Biliary Atresia Development. <i>MBio</i> , 2020, 11, .	1.8	19
40	Characterization and Comparison of Canine Multipotent Stromal Cells Derived from Liver and Bone Marrow. <i>Stem Cells and Development</i> , 2016, 25, 139-150.	1.1	18
41	Human branching cholangiocyte organoids recapitulate functional bile duct formation. <i>Cell Stem Cell</i> , 2022, 29, 776-794.e13.	5.2	17
42	Recapitulating Cholangiopathy-Associated Necroptotic Cell Death In Vitro Using Human Cholangiocyte Organoids. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 541-564.	2.3	15
43	Mitochondrial Dysfunction and Oxidative Stress in Liver Transplantation and Underlying Diseases: New Insights and Therapeutics. <i>Transplantation</i> , 2021, 105, 2362-2373.	0.5	13
44	Design by Nature: Emerging Applications of Native Liver Extracellular Matrix for Cholangiocyte Organoid-Based Regenerative Medicine. <i>Bioengineering</i> , 2022, 9, 110.	1.6	12
45	Cholangiocyte organoids from human bile retain a local phenotype and can repopulate bile ducts in vitro. <i>Clinical and Translational Medicine</i> , 2021, 11, e566.	1.7	12
46	Human Bile Contains Cholangiocyte Organoid-Initiating Cells Which Expand as Functional Cholangiocytes in Non-canonical Wnt Stimulating Conditions. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 630492.	1.8	11
47	Characterization of gut-homing molecules in non-endstage livers of patients with primary sclerosing cholangitis and inflammatory bowel disease. <i>Journal of Translational Autoimmunity</i> , 2020, 3, 100054.	2.0	10
48	Hepatobiliary tumor organoids for personalized medicine: a multicenter view on establishment, limitations, and future directions. <i>Cancer Cell</i> , 2022, 40, 226-230.	7.7	10
49	The biological process of lysine-tRNA charging is therapeutically targetable in liver cancer. <i>Liver International</i> , 2021, 41, 206-219.	1.9	9
50	Precancerous liver diseases do not cause increased mutagenesis in liver stem cells. <i>Communications Biology</i> , 2021, 4, 1301.	2.0	9
51	Recapitulating lipid accumulation and related metabolic dysregulation in human liver-derived organoids. <i>Journal of Molecular Medicine</i> , 2022, 100, 471-484.	1.7	9
52	Rescue of chloride and bicarbonate transport by elxacaftor-ivacaftor-tezacaftor in organoid-derived CF intestinal and cholangiocyte monolayers. <i>Journal of Cystic Fibrosis</i> , 2021, , .	0.3	9
53	Gene Therapies for Hepatitis C Virus. <i>Advances in Experimental Medicine and Biology</i> , 2015, 848, 1-29.	0.8	8
54	Mesenchymal Stromal Cell-Derived Factors Promote Tissue Repair in a Small-for-Size Ischemic Liver Model but Do Not Protect against Early Effects of Ischemia and Reperfusion Injury. <i>Journal of Immunology Research</i> , 2015, 2015, 1-13.	0.9	7

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55	Assessment of human leukocyte antigen matching algorithm PIRCHE on liver transplantation outcomes. <i>Liver Transplantation</i> , 2022, 28, 1356-1366.	1.3	6
56	Liver Ischemia and Reperfusion Induce Periportal Expression of Necroptosis Executor pMLKL Which Is Associated With Early Allograft Dysfunction After Transplantation. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	5
57	Thrombopoietin is a major limiting factor for selective outgrowth of human umbilical cord blood cells in non-obese diabetic/severe combined immunodeficient recipient mice. <i>British Journal of Haematology</i> , 2003, 122, 837-846.	1.2	4
58	Long-term Perfusion of the Liver Outside the Body: Warming Up for Ex Vivo Therapies?. <i>Hepatology</i> , 2020, 72, 1485-1487.	3.6	4
59	The potential and limitations of intrahepatic cholangiocyte organoids to study inborn errors of metabolism. <i>Journal of Inherited Metabolic Disease</i> , 2022, 45, 353-365.	1.7	4
60	Impact of hypoxia and AMPK on CFTR-mediated bicarbonate secretion in human cholangiocyte organoids. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, G741-G752.	1.6	3
61	Kinome profiling of cholangiocarcinoma organoids reveals potential druggable targets that hold promise for treatment stratification. <i>Molecular Medicine</i> , 2022, 28, .	1.9	2
62	Bioengineering Liver Transplantation. <i>Bioengineering</i> , 2019, 6, 96.	1.6	1
63	Letter to the Editor: High Mobility Group Box Protein 1 Release Is an Identified Driver of Inflammation in the Pathogenesis of Biliary Atresia. <i>Hepatology</i> , 2021, 74, 2920-2921.	3.6	1
64	Bile Duct Repair in Human Liver Grafts: Effective Cholangiocyte Organoid Engraftment and Plasticity. <i>Hepatology</i> , 2021, 74, 2287-2289.	3.6	0
65	Cover Image, Volume 118, Number 2, February 2021. <i>Biotechnology and Bioengineering</i> , 2021, 118, i.	1.7	0