

# Joery De Kock

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,806  
citations

331670

21  
h-index

276875

41  
g-index

60  
all docs

60  
docs citations

60  
times ranked

2922  
citing authors

#	ARTICLE	IF	CITATIONS
1	From NAFLD to MAFLD: Aligning Translational In Vitro Research to Clinical Insights. <i>Biomedicines</i> , 2022, 10, 161.	3.2	4
2	Transcriptomics Reveals Discordant Lipid Metabolism Effects between In Vitro Models Exposed to Elafibranor and Liver Samples of NAFLD Patients after Bariatric Surgery. <i>Cells</i> , 2022, 11, 893.	4.1	7
3	Light triggered nanoscale biolistics for efficient intracellular delivery of functional macromolecules in mammalian cells. <i>Nature Communications</i> , 2022, 13, 1996.	12.8	10
4	End-user engineering of ontology-based knowledge bases. <i>Behaviour and Information Technology</i> , 2022, 41, 1811-1829.	4.0	3
5	Human hepatic in vitro models reveal distinct anti-NASH potencies of PPAR agonists. <i>Cell Biology and Toxicology</i> , 2021, 37, 293-311.	5.3	25
6	Infections at the nexus of metabolic-associated fatty liver disease. <i>Archives of Toxicology</i> , 2021, 95, 2235-2253.	4.2	14
7	Transcriptional Profile of Cytokines, Regulatory Mediators and TLR in Mesenchymal Stromal Cells after Inflammatory Signaling and Cell-Passaging. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7309.	4.1	9
8	Direct reprogramming of somatic cells into induced hepatocytes: Cracking the Enigma code. <i>Journal of Hepatology</i> , 2021, 75, 690-705.	3.7	15
9	High-throughput quantification of ochronotic pigment formation in <i>Escherichia coli</i> to evaluate the potency of human 4-hydroxyphenylpyruvate dioxygenase inhibitors in multi-well format. <i>MethodsX</i> , 2021, 8, 101181.	1.6	1
10	Oxidative Stress, Glutathione Metabolism, and Liver Regeneration Pathways Are Activated in Hereditary Tyrosinemia Type 1 Mice upon Short-Term Nitisinone Discontinuation. <i>Genes</i> , 2021, 12, 3.	2.4	8
11	Large-scale Production of LGR5-Positive Bipotential Human Liver Stem Cells. <i>Hepatology</i> , 2020, 72, 257-270.	7.3	89
12	Anti-NASH Drug Development Hitches a Lift on PPAR Agonism. <i>Cells</i> , 2020, 9, 37.	4.1	85
13	Flow cytometric quantification of neutral lipids in a human skin stem cell-derived model of NASH. <i>MethodsX</i> , 2020, 7, 101068.	1.6	3
14	Inflammation Differentially Modulates the Biological Features of Adult Derived Human Liver Stem/Progenitor Cells. <i>Cells</i> , 2020, 9, 1640.	4.1	7
15	The Impact of Cell-Expansion and Inflammation on The Immune-Biology of Human Adipose Tissue-Derived Mesenchymal Stromal Cells. <i>Journal of Clinical Medicine</i> , 2020, 9, 696.	2.4	13
16	Inflammation Alters the Secretome and Immunomodulatory Properties of Human Skin-Derived Precursor Cells. <i>Cells</i> , 2020, 9, 914.	4.1	10
17	Genetic and Epigenetic Modification of Rat Liver Progenitor Cells via HNF4 $\alpha$ Transduction and 5-azacytidine Treatment: An Integrated miRNA and mRNA Expression Profile Analysis. <i>Genes</i> , 2020, 11, 486.	2.4	2
18	A robust bacterial assay for high-throughput screening of human 4-hydroxyphenylpyruvate dioxygenase inhibitors. <i>Scientific Reports</i> , 2019, 9, 14145.	3.3	14

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19	Transcriptomics data of a human in vitro model of non-alcoholic steatohepatitis exposed to elafibranor. Data in Brief, 2019, 25, 104093.	1.0	3
20	Technological advancements for the development of stem cell-based models for hepatotoxicity testing. Archives of Toxicology, 2019, 93, 1789-1805.	4.2	15
21	Elafibranor restricts lipogenic and inflammatory responses in a human skin stem cell-derived model of NASH. Pharmacological Research, 2019, 144, 377-389.	7.1	24
22	Hepatic cells derived from human skin progenitors show a typical phospholipidotic response upon exposure to amiodarone. Toxicology Letters, 2018, 284, 184-194.	0.8	9
23	Comment to "Letter to the editor: Human-based systems: Mechanistic NASH modelling just around the corner". Pharmacological Research, 2018, 137, 282-283.	7.1	2
24	Omics-based responses induced by bosentan in human hepatoma HepaRG cell cultures. Archives of Toxicology, 2018, 92, 1939-1952.	4.2	34
25	Human-based systems: Mechanistic NASH modelling just around the corner?. Pharmacological Research, 2018, 134, 257-267.	7.1	38
26	Primary Human Testicular Cells Self-Organize into Organoids with Testicular Properties. Stem Cell Reports, 2017, 8, 30-38.	4.8	117
27	Upregulation of sodium taurocholate cotransporter polypeptide during hepatogenic differentiation of umbilical cord matrix mesenchymal stem cells facilitates hepatitis B entry. Stem Cell Research and Therapy, 2017, 8, 204.	5.5	6
28	Vemurafenib-associated cutaneous squamous cell carcinoma and Ledderhose palmoplantar fibromatosis in metastatic melanoma patients. Journal of the European Academy of Dermatology and Venereology, 2016, 30, 1133-1135.	2.4	4
29	Gene expression data from acetaminophen-induced toxicity in human hepatic in vitro systems and clinical liver samples. Data in Brief, 2016, 7, 1052-1057.	1.0	8
30	Toxicogenomics-based prediction of acetaminophen-induced liver injury using human hepatic cell systems. Toxicology Letters, 2016, 240, 50-59.	0.8	49
31	In vitro assessment of drug-induced liver steatosis based on human dermal stem cell-derived hepatic cells. Archives of Toxicology, 2016, 90, 677-689.	4.2	24
32	Evaluation of a new standardized enzymatic isolation protocol for human umbilical cord-derived stem cells. Toxicology in Vitro, 2015, 29, 1254-1262.	2.4	12
33	Neuropeptide FF receptors as novel targets for limbic seizure attenuation. Neuropharmacology, 2015, 95, 415-423.	4.1	4
34	Identification of potential biomarkers of hepatitis B-induced acute liver failure using hepatic cells derived from human skin precursors. Toxicology in Vitro, 2015, 29, 1231-1239.	2.4	4
35	Derivation and characterization of a cytocompatible scaffold from human testis. Human Reproduction, 2015, 30, 256-267.	0.9	83
36	MicroRNAs as key regulators of xenobiotic biotransformation and drug response. Archives of Toxicology, 2015, 89, 1523-1541.	4.2	16

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37	Measurement of Cytochrome P450 Enzyme Induction and Inhibition in Human Hepatoma Cells. <i>Methods in Molecular Biology</i> , 2015, 1250, 279-285.	0.9	4
38	Measurement of Albumin Secretion as Functionality Test in Primary Hepatocyte Cultures. <i>Methods in Molecular Biology</i> , 2015, 1250, 303-308.	0.9	10
39	Human Skin-Derived Precursor Cells: Isolation, Expansion, and Hepatic Differentiation. <i>Methods in Molecular Biology</i> , 2015, 1250, 113-122.	0.9	5
40	Development and characterization of a new human hepatic cell line. <i>EXCLI Journal</i> , 2015, 14, 875-89.	0.7	4
41	Keratin 19: a key role player in the invasion of human hepatocellular carcinomas. <i>Gut</i> , 2014, 63, 674-685.	12.1	221
42	Human Skin-Derived Precursor Cells Are Poorly Immunogenic and Modulate the Allogeneic Immune Response. <i>Stem Cells</i> , 2014, 32, 2215-2228.	3.2	16
43	Characterization of hepatic markers in human Wharton's Jelly-derived mesenchymal stem cells. <i>Toxicology in Vitro</i> , 2014, 28, 113-119.	2.4	24
44	Human stem cell-derived hepatocytes: breakthrough of an expedient tool for preclinical assessment of drug-induced liver injury?. <i>Archives of Toxicology</i> , 2014, 88, 183-184.	4.2	4
45	Human Skin-Derived Stem Cells as a Novel Cell Source for In Vitro Hepatotoxicity Screening of Pharmaceuticals. <i>Stem Cells and Development</i> , 2014, 23, 44-55.	2.1	48
46	Proliferative and phenotypical characteristics of human adipose tissue-derived stem cells: comparison of Ficoll gradient centrifugation and red blood cell lysis buffer treatment purification methods. <i>Cytotherapy</i> , 2014, 16, 1220-1228.	0.7	22
47	Strategies for immortalization of primary hepatocytes. <i>Journal of Hepatology</i> , 2014, 61, 925-943.	3.7	86
48	Modifications in Connexin Expression in Liver Development and Cancer. <i>Cell Communication and Adhesion</i> , 2012, 19, 55-62.	1.0	23
49	Mesoderm-Derived Stem Cells: The Link Between the Transcriptome and Their Differentiation Potential. <i>Stem Cells and Development</i> , 2012, 21, 3309-3323.	2.1	47
50	Evaluation of the multipotent character of human foreskin-derived precursor cells. <i>Toxicology in Vitro</i> , 2011, 25, 1191-1202.	2.4	8
51	Evaluation of the multipotent character of human adipose tissue-derived stem cells isolated by Ficoll gradient centrifugation and red blood cell lysis treatment. <i>Toxicology in Vitro</i> , 2011, 25, 1224-1230.	2.4	20
52	Current Status of Human Adipose-Derived Stem Cells: Differentiation into Hepatocyte-Like Cells. <i>Scientific World Journal</i> , The, 2011, 11, 1568-1581.	2.1	40
53	Simple and quick method for whole-liver decellularization: a novel in vitro three-dimensional bioengineering tool?. <i>Archives of Toxicology</i> , 2011, 85, 607-612.	4.2	64
54	Hepatic Differentiation of Mesenchymal Stem Cells: In Vitro Strategies. <i>Methods in Molecular Biology</i> , 2011, 698, 305-314.	0.9	53

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55	In Vitro Differentiation of Embryonic and Adult Stem Cells into Hepatocytes: State of the Art. Stem Cells, 2009, 27, 577-605.	3.2	225
56	Characterization and hepatic differentiation of skin-derived precursors from adult foreskin by sequential exposure to hepatogenic cytokines and growth factors reflecting liver development. Toxicology in Vitro, 2009, 23, 1522-1527.	2.4	30
57	Role of epigenetics in liver-specific gene transcription, hepatocyte differentiation and stem cell reprogramming. Journal of Hepatology, 2009, 51, 187-211.	3.7	66
58	Differentiation of neonatal rat epithelial cells from biliary origin into immature hepatic cells by sequential exposure to hepatogenic cytokines and growth factors reflecting liver development. Toxicology in Vitro, 2007, 21, 1325-1331.	2.4	15