

Joery De Kock

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,806
citations

331259

21
h-index

276539

41
g-index

60
all docs

60
docs citations

60
times ranked

2922
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vitro Differentiation of Embryonic and Adult Stem Cells into Hepatocytes: State of the Art. <i>Stem Cells</i> , 2009, 27, 577-605.	1.4	225
2	Keratin 19: a key role player in the invasion of human hepatocellular carcinomas. <i>Gut</i> , 2014, 63, 674-685.	6.1	221
3	Primary Human Testicular Cells Self-Organize into Organoids with Testicular Properties. <i>Stem Cell Reports</i> , 2017, 8, 30-38.	2.3	117
4	Large-scale Production of LGR5-Positive Bipotential Human Liver Stem Cells. <i>Hepatology</i> , 2020, 72, 257-270.	3.6	89
5	Strategies for immortalization of primary hepatocytes. <i>Journal of Hepatology</i> , 2014, 61, 925-943.	1.8	86
6	Anti-NASH Drug Development Hitches a Lift on PPAR Agonism. <i>Cells</i> , 2020, 9, 37.	1.8	85
7	Derivation and characterization of a cytocompatible scaffold from human testis. <i>Human Reproduction</i> , 2015, 30, 256-267.	0.4	83
8	Role of epigenetics in liver-specific gene transcription, hepatocyte differentiation and stem cell reprogramming. <i>Journal of Hepatology</i> , 2009, 51, 187-211.	1.8	66
9	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.	1.9	64
10	Hepatic Differentiation of Mesenchymal Stem Cells: In Vitro Strategies. <i>Methods in Molecular Biology</i> , 2011, 698, 305-314.	0.4	53
11	Toxicogenomics-based prediction of acetaminophen-induced liver injury using human hepatic cell systems. <i>Toxicology Letters</i> , 2016, 240, 50-59.	0.4	49
12	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.	1.1	48
13	Mesoderm-Derived Stem Cells: The Link Between the Transcriptome and Their Differentiation Potential. <i>Stem Cells and Development</i> , 2012, 21, 3309-3323.	1.1	47
14	Current Status of Human Adipose-Derived Stem Cells: Differentiation into Hepatocyte-Like Cells. <i>Scientific World Journal</i> , The, 2011, 11, 1568-1581.	0.8	40
15	Human-based systems: Mechanistic NASH modelling just around the corner?. <i>Pharmacological Research</i> , 2018, 134, 257-267.	3.1	38
16	Omics-based responses induced by bosentan in human hepatoma HepaRG cell cultures. <i>Archives of Toxicology</i> , 2018, 92, 1939-1952.	1.9	34
17	Characterization and hepatic differentiation of skin-derived precursors from adult foreskin by sequential exposure to hepatogenic cytokines and growth factors reflecting liver development. <i>Toxicology in Vitro</i> , 2009, 23, 1522-1527.	1.1	30
18	Human hepatic in vitro models reveal distinct anti-NASH potencies of PPAR agonists. <i>Cell Biology and Toxicology</i> , 2021, 37, 293-311.	2.4	25

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19	Characterization of hepatic markers in human Wharton's Jelly-derived mesenchymal stem cells. <i>Toxicology in Vitro</i> , 2014, 28, 113-119.	1.1	24
20	In vitro assessment of drug-induced liver steatosis based on human dermal stem cell-derived hepatic cells. <i>Archives of Toxicology</i> , 2016, 90, 677-689.	1.9	24
21	Elafibranor restricts lipogenic and inflammatory responses in a human skin stem cell-derived model of NASH. <i>Pharmacological Research</i> , 2019, 144, 377-389.	3.1	24
22	Modifications in Connexin Expression in Liver Development and Cancer. <i>Cell Communication and Adhesion</i> , 2012, 19, 55-62.	1.0	23
23	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.	0.3	22
24	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.	1.1	20
25	Human Skin-Derived Precursor Cells Are Poorly Immunogenic and Modulate the Allogeneic Immune Response. <i>Stem Cells</i> , 2014, 32, 2215-2228.	1.4	16
26	MicroRNAs as key regulators of xenobiotic biotransformation and drug response. <i>Archives of Toxicology</i> , 2015, 89, 1523-1541.	1.9	16
27	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. <i>Toxicology in Vitro</i> , 2007, 21, 1325-1331.	1.1	15
28	Technological advancements for the development of stem cell-based models for hepatotoxicity testing. <i>Archives of Toxicology</i> , 2019, 93, 1789-1805.	1.9	15
29	Direct reprogramming of somatic cells into induced hepatocytes: Cracking the Enigma code. <i>Journal of Hepatology</i> , 2021, 75, 690-705.	1.8	15
30	A robust bacterial assay for high-throughput screening of human 4-hydroxyphenylpyruvate dioxygenase inhibitors. <i>Scientific Reports</i> , 2019, 9, 14145.	1.6	14
31	Infections at the nexus of metabolic-associated fatty liver disease. <i>Archives of Toxicology</i> , 2021, 95, 2235-2253.	1.9	14
32	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.	1.0	13
33	Evaluation of a new standardized enzymatic isolation protocol for human umbilical cord-derived stem cells. <i>Toxicology in Vitro</i> , 2015, 29, 1254-1262.	1.1	12
34	Inflammation Alters the Secretome and Immunomodulatory Properties of Human Skin-Derived Precursor Cells. <i>Cells</i> , 2020, 9, 914.	1.8	10
35	Measurement of Albumin Secretion as Functionality Test in Primary Hepatocyte Cultures. <i>Methods in Molecular Biology</i> , 2015, 1250, 303-308.	0.4	10
36	Light triggered nanoscale biolistics for efficient intracellular delivery of functional macromolecules in mammalian cells. <i>Nature Communications</i> , 2022, 13, 1996.	5.8	10

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37	Hepatic cells derived from human skin progenitors show a typical phospholipidotic response upon exposure to amiodarone. <i>Toxicology Letters</i> , 2018, 284, 184-194.	0.4	9
38	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.	1.8	9
39	Evaluation of the multipotent character of human foreskin-derived precursor cells. <i>Toxicology in Vitro</i> , 2011, 25, 1191-1202.	1.1	8
40	Gene expression data from acetaminophen-induced toxicity in human hepatic in vitro systems and clinical liver samples. <i>Data in Brief</i> , 2016, 7, 1052-1057.	0.5	8
41	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.	1.0	8
42	Inflammation Differentially Modulates the Biological Features of Adult Derived Human Liver Stem/Progenitor Cells. <i>Cells</i> , 2020, 9, 1640.	1.8	7
43	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.	1.8	7
44	Upregulation of sodium taurocholate cotransporter polypeptide during hepatogenic differentiation of umbilical cord matrix mesenchymal stem cells facilitates hepatitis B entry. <i>Stem Cell Research and Therapy</i> , 2017, 8, 204.	2.4	6
45	Human Skin-Derived Precursor Cells: Isolation, Expansion, and Hepatic Differentiation. <i>Methods in Molecular Biology</i> , 2015, 1250, 113-122.	0.4	5
46	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.	1.9	4
47	Neuropeptide FF receptors as novel targets for limbic seizure attenuation. <i>Neuropharmacology</i> , 2015, 95, 415-423.	2.0	4
48	Identification of potential biomarkers of hepatitis B-induced acute liver failure using hepatic cells derived from human skin precursors. <i>Toxicology in Vitro</i> , 2015, 29, 1231-1239.	1.1	4
49	Vemurafenib-associated upuytren and Ledderhose palmoplantar fibromatosis in metastatic melanoma patients. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2016, 30, 1133-1135.	1.3	4
50	Measurement of Cytochrome P450 Enzyme Induction and Inhibition in Human Hepatoma Cells. <i>Methods in Molecular Biology</i> , 2015, 1250, 279-285.	0.4	4
51	Development and characterization of a new human hepatic cell line. <i>EXCLI Journal</i> , 2015, 14, 875-89.	0.5	4
52	From NAFLD to MAFLD: Aligning Translational In Vitro Research to Clinical Insights. <i>Biomedicines</i> , 2022, 10, 161.	1.4	4
53	Transcriptomics data of a human in vitro model of non-alcoholic steatohepatitis exposed to elafibranor. <i>Data in Brief</i> , 2019, 25, 104093.	0.5	3
54	Flow cytometric quantification of neutral lipids in a human skin stem cell-derived model of NASH. <i>MethodsX</i> , 2020, 7, 101068.	0.7	3

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55	End-user engineering of ontology-based knowledge bases. Behaviour and Information Technology, 2022, 41, 1811-1829.	2.5	3
56	Comment to "Letter to the editor: Human-based systems: Mechanistic NASH modelling just around the corner". Pharmacological Research, 2018, 137, 282-283.	3.1	2
57	Genetic and Epigenetic Modification of Rat Liver Progenitor Cells via HNF4 β Transduction and 5-azacytidine Treatment: An Integrated miRNA and mRNA Expression Profile Analysis. Genes, 2020, 11, 486.	1.0	2
58	High-throughput quantification of ochronotic pigment formation in Escherichia coli to evaluate the potency of human 4-hydroxyphenylpyruvate dioxygenase inhibitors in multi-well format. MethodsX, 2021, 8, 101181.	0.7	1