

Rosemarie Marchan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

2,313
citations

25
h-index

48
g-index

54
ext. papers

3,098
ext. citations

5.5
avg, IF

4.15
L-index

#	Paper	IF	Citations
46	Plasma membrane glutathione transporters and their roles in cell physiology and pathophysiology. <i>Molecular Aspects of Medicine</i> , 2009 , 30, 13-28	16.7	210
45	Molecular mechanisms of reduced glutathione transport: role of the MRP/CFTR/ABCC and OATP/SLC21A families of membrane proteins. <i>Toxicology and Applied Pharmacology</i> , 2005 , 204, 238-55	4.6	199
44	Adverse outcome pathways: opportunities, limitations and open questions. <i>Archives of Toxicology</i> , 2017 , 91, 3477-3505	5.8	174
43	A comprehensive analysis of human gene expression profiles identifies stromal immunoglobulin C as a compatible prognostic marker in human solid tumors. <i>Clinical Cancer Research</i> , 2012 , 18, 2695-703	12.9	167
42	Human embryonic stem cell-derived test systems for developmental neurotoxicity: a transcriptomics approach. <i>Archives of Toxicology</i> , 2013 , 87, 123-43	5.8	157
41	Loss of circadian clock gene expression is associated with tumor progression in breast cancer. <i>Cell Cycle</i> , 2014 , 13, 3282-91	4.7	112
40	The prognostic relevance of tumour-infiltrating plasma cells and immunoglobulin kappa C indicates an important role of the humoral immune response in non-small cell lung cancer. <i>Cancer Letters</i> , 2013 , 333, 222-8	9.9	102
39	3D spherical microtissues and microfluidic technology for multi-tissue experiments and analysis. <i>Journal of Biotechnology</i> , 2015 , 205, 24-35	3.7	96
38	Glutathione export during apoptosis requires functional multidrug resistance-associated proteins. <i>Journal of Biological Chemistry</i> , 2007 , 282, 14337-47	5.4	82
37	Protocols for staining of bile canalicular and sinusoidal networks of human, mouse and pig livers, three-dimensional reconstruction and quantification of tissue microarchitecture by image processing and analysis. <i>Archives of Toxicology</i> , 2014 , 88, 1161-83	5.8	75
36	Toxicogenomics directory of chemically exposed human hepatocytes. <i>Archives of Toxicology</i> , 2014 , 88, 2261-87	5.8	74
35	Choline-releasing glycerophosphodiesterase EDI3 drives tumor cell migration and metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 8155-60	11.5	69
34	Model-guided identification of a therapeutic strategy to reduce hyperammonemia in liver diseases. <i>Journal of Hepatology</i> , 2016 , 64, 860-71	13.4	58
33	Gene network activity in cultivated primary hepatocytes is highly similar to diseased mammalian liver tissue. <i>Archives of Toxicology</i> , 2016 , 90, 2513-29	5.8	57
32	Prediction of human drug-induced liver injury (DILI) in relation to oral doses and blood concentrations. <i>Archives of Toxicology</i> , 2019 , 93, 1609-1637	5.8	53
31	Interferon-inducible guanylate binding protein (GBP2) is associated with better prognosis in breast cancer and indicates an efficient T cell response. <i>Breast Cancer</i> , 2014 , 21, 491-9	3.4	52
30	A transcriptome-based classifier to identify developmental toxicants by stem cell testing: design, validation and optimization for histone deacetylase inhibitors. <i>Archives of Toxicology</i> , 2015 , 89, 1599-618	5.8	50

29	Genetic variants in urinary bladder cancer: collective power of the "wimp SNPs". <i>Archives of Toxicology</i> , 2011 , 85, 539-54	5.8	45
28	Expression of aurora kinase A is associated with metastasis-free survival in node-negative breast cancer patients. <i>BMC Cancer</i> , 2012 , 12, 562	4.8	42
27	Glycerophospholipid profile in oncogene-induced senescence. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012 , 1821, 1256-68	5	36
26	Multidrug resistance-associated protein 1 as a major mediator of basal and apoptotic glutathione release. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008 , 1778, 2413-20	3.8	35
25	Toxicity of fluoride: critical evaluation of evidence for human developmental neurotoxicity in epidemiological studies, animal experiments and in vitro analyses. <i>Archives of Toxicology</i> , 2020 , 94, 1375-1415	5.8	33
24	Pharmacokinetics explain in vivo/in vitro discrepancies of carcinogen-induced gene expression alterations in rat liver and cultivated hepatocytes. <i>Archives of Toxicology</i> , 2013 , 87, 337-45	5.8	31
23	Dexamethasone-dependent versus -independent markers of epithelial to mesenchymal transition in primary hepatocytes. <i>Biological Chemistry</i> , 2010 , 391, 73-83	4.5	29
22	Glycerol-3-phosphate Acyltransferase 1 Promotes Tumor Cell Migration and Poor Survival in Ovarian Carcinoma. <i>Cancer Research</i> , 2017 , 77, 4589-4601	10.1	25
21	Immunoglobulin kappa C predicts overall survival in node-negative breast cancer. <i>PLoS ONE</i> , 2012 , 7, e44741	3.7	25
20	Distinct SNP combinations confer susceptibility to urinary bladder cancer in smokers and non-smokers. <i>PLoS ONE</i> , 2012 , 7, e51880	3.7	24
19	Metabolic profiling of ob/ob mouse fatty liver using HR-MAS H-NMR combined with gene expression analysis reveals alterations in betaine metabolism and the transsulfuration pathway. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 1591-1606	4.4	23
18	Toxicogenomics directory of rat hepatotoxicants in vivo and in cultivated hepatocytes. <i>Archives of Toxicology</i> , 2018 , 92, 3517-3533	5.8	22
17	Relevance of the incubation period in cytotoxicity testing with primary human hepatocytes. <i>Archives of Toxicology</i> , 2018 , 92, 3505-3515	5.8	22
16	Impact of intratumoral heterogeneity of breast cancer tissue on quantitative metabolomics using high-resolution magic angle spinning H NMR spectroscopy. <i>NMR in Biomedicine</i> , 2018 , 31, e3862	4.4	18
15	LIPG-promoted lipid storage mediates adaptation to oxidative stress in breast cancer. <i>International Journal of Cancer</i> , 2019 , 145, 901-915	7.5	17
14	ED13 links choline metabolism to integrin expression, cell adhesion and spreading. <i>Cell Adhesion and Migration</i> , 2014 , 8, 499-508	3.2	17
13	Choline-releasing glycerophosphodiesterase ED13 links the tumor metabolome to signaling network activities. <i>Cell Cycle</i> , 2012 , 11, 4499-506	4.7	17
12	Inflammation-associated suppression of metabolic gene networks in acute and chronic liver disease. <i>Archives of Toxicology</i> , 2020 , 94, 205-217	5.8	15

11	Epsin Family Member 3 and Ribosome-Related Genes Are Associated with Late Metastasis in Estrogen Receptor-Positive Breast Cancer and Long-Term Survival in Non-Small Cell Lung Cancer Using a Genome-Wide Identification and Validation Strategy. <i>PLoS ONE</i> , 2016 , 11, e0167585	3.7	10
10	The hepatocyte export carrier inhibition assay improves the separation of hepatotoxic from non-hepatotoxic compounds. <i>Chemico-Biological Interactions</i> , 2021 , 351, 109728	5	4
9	Highlight report: Validation of prognostic genes in lung cancer. <i>EXCLI Journal</i> , 2014 , 13, 457-60	2.4	3
8	Lung and breast cancer research: immunoglobulin Kappa C hits the headlines. <i>EXCLI Journal</i> , 2012 , 11, 237-9	2.4	3
7	Epigenomic and transcriptional profiling identifies impaired glyoxylate detoxification in NAFLD as a risk factor for hyperoxaluria. <i>Cell Reports</i> , 2021 , 36, 109526	10.6	3
6	Transcriptomic Cross-Species Analysis of Chronic Liver Disease Reveals Consistent Regulation Between Humans and Mice. <i>Hepatology Communications</i> , 2021 ,	6	2
5	Reply to Moestue et al.: Untangling the contribution of choline metabolism to the metastatic process: Fig. 1.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E2507-E2507	11.5	1
4	Cancer research: from prognostic genes to therapeutic targets. <i>EXCLI Journal</i> , 2014 , 13, 1278-80	2.4	1
3	EDI3, a key enzyme of choline metabolism controls tumour cell migration. <i>EXCLI Journal</i> , 2012 , 11, 260-22.4		1
2	Spatio-Temporal Multiscale Analysis of Western Diet-Fed Mice Reveals a Translationally Relevant Sequence of Events during NAFLD Progression. <i>Cells</i> , 2021 , 10,	7.9	1
1	Influence of bile acids on the cytotoxicity of chemicals in cultivated human hepatocytes.. <i>Toxicology in Vitro</i> , 2022 , 105344	3.6	0