

Jan Bttger

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.

10
papers

1,148
citations

8
h-index

10
g-index

10
ext. papers

1,379
ext. citations

6
avg, IF

2.4
L-index

#	Paper	IF	Citations
10	Recent advances in 2D and 3D in vitro systems using primary hepatocytes, alternative hepatocyte sources and non-parenchymal liver cells and their use in investigating mechanisms of hepatotoxicity, cell signaling and ADME. <i>Archives of Toxicology</i> , 2013 , 87, 1315-530	5.8	837
9	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
8	"Artificial micro organs"--a microfluidic device for dielectrophoretic assembly of liver sinusoids. <i>Biomedical Microdevices</i> , 2011 , 13, 493-501	3.7	72
7	Integrated metabolic spatial-temporal model for the prediction of ammonia detoxification during liver damage and regeneration. <i>Hepatology</i> , 2014 , 60, 2040-51	11.2	69
6	Hepatic Hedgehog signaling contributes to the regulation of IGF1 and IGFBP1 serum levels. <i>Cell Communication and Signaling</i> , 2014 , 12, 11	7.5	38
5	A method for patterned in situ biofunctionalization in injection-molded microfluidic devices. <i>Lab on A Chip</i> , 2010 , 10, 2551-8	7.2	25
4	Response of sinusoidal mouse liver cells to choline-deficient ethionine-supplemented diet. <i>Comparative Hepatology</i> , 2010 , 9, 8		13
3	RNAi in murine hepatocytes: the agony of choice--a study of the influence of lipid-based transfection reagents on hepatocyte metabolism. <i>Archives of Toxicology</i> , 2015 , 89, 1579-88	5.8	10
2	Dual origin, development, and fate of bovine pancreatic islets. <i>Journal of Anatomy</i> , 2013 , 222, 358-71	2.9	6
1	Tailoring microfluidic systems for organ-like cell culture applications using multiphysics simulations 2013 ,		3