

Dipali Patel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11618097/publications.pdf>

Version: 2024-02-01

12
papers

546
citations

840585

11
h-index

1199470

12
g-index

12
all docs

12
docs citations

12
times ranked

1107
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis for ligand-dependent dimerization of phenylalanine hydroxylase regulatory domain. Scientific Reports, 2016, 6, 23748.	1.6	62
2	Cell biology is different in small volumes: endogenous signals shape phenotype of primary hepatocytes cultured in microfluidic channels. Scientific Reports, 2016, 6, 33980.	1.6	37
3	Molecular basis of classic galactosemia from the structure of human galactose 1-phosphate uridylyltransferase. Human Molecular Genetics, 2016, 25, 2234-2244.	1.4	43
4	Using reconfigurable microfluidics to study the role of HGF in autocrine and paracrine signaling of hepatocytes. Integrative Biology (United Kingdom), 2015, 7, 815-824.	0.6	17
5	Microfluidic co-cultures with hydrogel-based ligand trap to study paracrine signals giving rise to cancer drug resistance. Lab on A Chip, 2015, 15, 4614-4624.	3.1	23
6	Heparin hydrogel sandwich cultures of primary hepatocytes. European Polymer Journal, 2015, 72, 726-735.	2.6	34
7	Liver injury-on-a-chip: microfluidic co-cultures with integrated biosensors for monitoring liver cell signaling during injury. Lab on A Chip, 2015, 15, 4467-4478.	3.1	112
8	Impact of Nanotopography, Heparin Hydrogel Microstructures, and Encapsulated Fibroblasts on Phenotype of Primary Hepatocytes. ACS Applied Materials & Interfaces, 2015, 7, 12299-12308.	4.0	29
9	Multilayered Heparin Hydrogel Microwells for Cultivation of Primary Hepatocytes. Advanced Healthcare Materials, 2014, 3, 126-132.	3.9	43
10	Local control of hepatic phenotype with growth factor-encoded surfaces. Integrative Biology (United Kingdom), 2015, 7, 12299-12308.	0.5	7
11	Detecting Transforming Growth Factor- β^2 Release from Liver Cells Using an Aptasensor Integrated with Microfluidics. Analytical Chemistry, 2014, 86, 8865-8872.	3.2	65
12	Characterizing the Effects of Heparin Gel Stiffness on Function of Primary Hepatocytes. Tissue Engineering - Part A, 2013, 19, 2655-2663.	1.6	74