

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