

# Marie Shinohara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7362805/publications.pdf>

Version: 2024-02-01

10  
papers

152  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

223  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the behavior of 2D monolayers and 3D spheroid human pancreatic beta cells derived from induced pluripotent stem cells in a microfluidic environment. <i>Journal of Biotechnology</i> , 2021, 330, 45-56.	3.8	20
2	Microwell-based pancreas-on-chip model enhances genes expression and functionality of rat islets of Langerhans. <i>Molecular and Cellular Endocrinology</i> , 2020, 514, 110892.	3.2	24
3	Improved Oxygen Supply to Multicellular Spheroids Using A Gas-permeable Plate and Embedded Hydrogel Beads. <i>Cells</i> , 2019, 8, 525.	4.1	11
4	Improved Isolation of Mesenchymal Stem Cells Based on Interactions between <i>N</i> -Acetylglucosamine-Bearing Polymers and Cell-Surface Vimentin. <i>Stem Cells International</i> , 2019, 2019, 1-13.	2.5	15
5	Analysis of the transcription factors and their regulatory roles during a step-by-step differentiation of induced pluripotent stem cells into hepatocyte-like cells. <i>Molecular Omics</i> , 2019, 15, 383-398.	2.8	11
6	Profiling of derived-hepatocyte progenitors from induced pluripotent stem cells using nanoCAGE promoter analysis. <i>Biochemical Engineering Journal</i> , 2019, 142, 7-17.	3.6	9
7	Enhanced self-organization of size-controlled hepatocyte aggregates on oxygen permeable honeycomb microwell sheets. <i>Biomedical Physics and Engineering Express</i> , 2017, 3, 045016.	1.2	7
8	Adhesion of Pancreatic Cancer Cells in a Liver-Microvasculature Mimicking Coculture Correlates with Their Propensity to Form Liver-Specific Metastasis <i>In Vivo</i> . <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	2
9	Combination of microwell structures and direct oxygenation enables efficient and size-regulated aggregate formation of an insulin-secreting pancreatic $\beta$ -cell line. <i>Biotechnology Progress</i> , 2014, 30, 178-187.	2.6	41
10	Formation and harvesting of thick pancreatic $\beta$ -cell sheets on a highly O <sub>2</sub> -permeable plate modified with poly(N-isopropylacrylamide). <i>Biomaterials Science</i> , 2013, 1, 510.	5.4	12