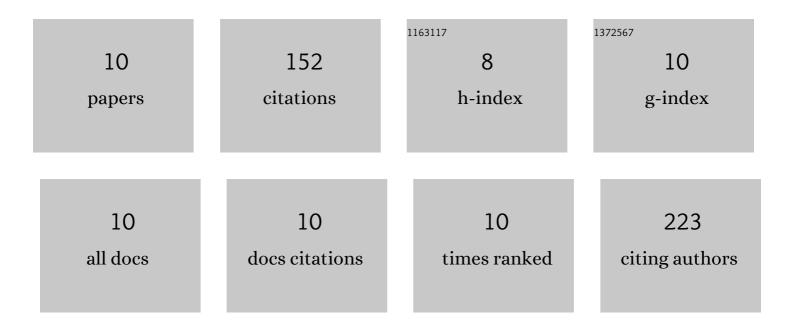
Marie Shinohara

List of Publications by Year in descending order

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| # | 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. Journal of Biotechnology, 2021, 330, 45-56. | 3.8 | 20 |
| 2 | Microwell-based pancreas-on-chip model enhances genes expression and functionality of rat islets of Langerhans. Molecular and Cellular Endocrinology, 2020, 514, 110892. | 3.2 | 24 |
| 3 | Improved Oxygen Supply to Multicellular Spheroids Using A Gas-permeable Plate and Embedded Hydrogel Beads. Cells, 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. Stem Cells International, 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. Molecular Omics, 2019, 15, 383-398. | 2.8 | 11 |
| 6 | Profiling of derived-hepatocyte progenitors from induced pluripotent stem cells using nanoCAGE promoter analysis. Biochemical Engineering Journal, 2019, 142, 7-17. | 3.6 | 9 |
| 7 | Enhanced self-organization of size-controlled hepatocyte aggregates on oxygen permeable honeycomb microwell sheets. Biomedical Physics and Engineering Express, 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> . BioMed Research International, 2014, 2014, 1-13. | 1.9 | 2 |
| 9 | Combination of microwell structures and direct oxygenation enables efficient and sizeâ€regulated aggregate formation of an insulinâ€secreting pancreatic βâ€cell line. Biotechnology Progress, 2014, 30, 178-187. | 2.6 | 41 |
| 10 | Formation and harvesting of thick pancreatic β-cell sheets on a highly O2-permeable plate modified with poly(N-isopropylacrylamide). Biomaterials Science, 2013, 1, 510. | 5.4 | 12 |