

# Sivanandane Sittadjody

## List of Publications by Year in descending order

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16  
papers

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citations

1040056

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#	ARTICLE	IF	CITATIONS
1	Long-Term Function of Islets Encapsulated in a Redesigned Alginate Microcapsule Construct in Omentum Pouches of Immune-Competent Diabetic Rats. <i>Pancreas</i> , 2014, 43, 605-613.	1.1	56
2	Applications of particulate oxygen-generating substances (POGS) in the bioartificial pancreas. <i>Biomaterials Science</i> , 2017, 5, 2437-2447.	5.4	52
3	The effect of collagen hydrogel on 3D culture of ovarian follicles. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 065009.	3.3	51
4	Engineered multilayer ovarian tissue that secretes sex steroids and peptide hormones in response to gonadotropins. <i>Biomaterials</i> , 2013, 34, 2412-2420.	11.4	43
5	In vivo transplantation of 3D encapsulated ovarian constructs in rats corrects abnormalities of ovarian failure. <i>Nature Communications</i> , 2017, 8, 1858.	12.8	35
6	Scientific principles of regenerative medicine and their application in the female reproductive system. <i>Maturitas</i> , 2014, 77, 12-19.	2.4	22
7	Encapsulation of Mesenchymal Stem Cells in 3D Ovarian Cell Constructs Promotes Stable and Long-Term Hormone Secretion with Improved Physiological Outcomes in a Syngeneic Rat Model. <i>Annals of Biomedical Engineering</i> , 2020, 48, 1058-1070.	2.5	22
8	Effects of Allogeneic Bone Marrow Derived Mesenchymal Stromal Cell Therapy on Voiding Function in a Rat Model of Parkinson Disease. <i>Journal of Urology</i> , 2014, 191, 850-859.	0.4	20
9	Regenerative Medicine Approaches in Bioengineering Female Reproductive Tissues. <i>Reproductive Sciences</i> , 2021, 28, 1573-1595.	2.5	10
10	Enhanced method to select human oogonial stem cells for fertility research. <i>Cell and Tissue Research</i> , 2021, 386, 145-156.	2.9	10
11	Beta-catenin represses protein kinase D1 gene expression by non-canonical pathway through MYC/MAX transcription complex in prostate cancer. <i>Oncotarget</i> , 2017, 8, 78811-78824.	1.8	10
12	Retrieval of Microencapsulated Islet Grafts for Post-transplant Evaluation. <i>Methods in Molecular Biology</i> , 2017, 1479, 157-171.	0.9	6
13	Age-related changes in serum levels of insulin-like growth factor-II and its binding proteins correlate with calcaneal bone mineral density among post-menopausal South-Indian women. <i>Clinica Chimica Acta</i> , 2012, 414, 281-288.	1.1	5
14	Compartmentalization of Two Cell Types in Multilayered Alginate Microcapsules. <i>Methods in Molecular Biology</i> , 2017, 1479, 225-235.	0.9	3
15	Protein kinase D1 induces G1â€phase cellâ€cycle arrest independent of Checkpoint kinases by phosphorylating Cell Division Cycle Phosphatase 25. <i>Prostate</i> , 2019, 79, 1053-1058.	2.3	3
16	Encapsulation Strategies for Pancreatic Islet Transplantation without Immune Suppression. <i>Current Stem Cell Reports</i> , 2021, 7, 49-71.	1.6	2