

# Madhuri Sonal Salker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6194775/publications.pdf>

Version: 2024-02-01

51  
papers

1,680  
citations

331538

21  
h-index

289141

40  
g-index

56  
all docs

56  
docs citations

56  
times ranked

2417  
citing authors

#	ARTICLE	IF	CITATIONS
1	Uterine Selection of Human Embryos at Implantation. <i>Scientific Reports</i> , 2014, 4, 3894.	1.6	232
2	Disordered IL-33/ST2 Activation in Decidualizing Stromal Cells Prolongs Uterine Receptivity in Women with Recurrent Pregnancy Loss. <i>PLoS ONE</i> , 2012, 7, e52252.	1.1	185
3	Deregulation of the serum- and glucocorticoid-inducible kinase SGK1 in the endometrium causes reproductive failure. <i>Nature Medicine</i> , 2011, 17, 1509-1513.	15.2	157
4	Enhanced Suicidal Erythrocyte Death Contributing to Anemia in the Elderly. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 773-783.	1.1	93
5	Up-regulation of FGF23 release by aldosterone. <i>Biochemical and Biophysical Research Communications</i> , 2016, 470, 384-390.	1.0	76
6	Induction of 11 $\beta$ -HSD 1 and Activation of Distinct Mineralocorticoid Receptor- and Glucocorticoid Receptor-Dependent Gene Networks in Decidualizing Human Endometrial Stromal Cells. <i>Molecular Endocrinology</i> , 2013, 27, 192-202.	3.7	74
7	Role and Regulation of the Serum- and Glucocorticoid-Regulated Kinase 1 in Fertile and Infertile Human Endometrium. <i>Endocrinology</i> , 2007, 148, 5020-5029.	1.4	67
8	Proteomic analysis of endometrium from fertile and infertile patients suggests a role for apolipoprotein A-I in embryo implantation failure and endometriosis. <i>Molecular Human Reproduction</i> , 2010, 16, 273-285.	1.3	51
9	Accelerated apoptotic death and in vivo turnover of erythrocytes in mice lacking functional mitogen- and stress-activated kinase MSK1/2. <i>Scientific Reports</i> , 2015, 5, 17316.	1.6	49
10	NF $\kappa$ B-sensitive Orai1 expression in the regulation of FGF23 release. <i>Journal of Molecular Medicine</i> , 2016, 94, 557-566.	1.7	47
11	Acid Sphingomyelinase (ASM) is a Negative Regulator of Regulatory T Cell (Treg) Development. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 985-995.	1.1	42
12	Activation of SGK1 in Endometrial Epithelial Cells in Response to PI3K/AKT Inhibition Impairs Embryo Implantation. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 2077-2087.	1.1	35
13	Differential effect of DJ-1/PARK7 on development of natural and induced regulatory T cells. <i>Scientific Reports</i> , 2016, 5, 17723.	1.6	33
14	Uterine plasticity and reproductive fitness. <i>Reproductive BioMedicine Online</i> , 2013, 27, 506-514.	1.1	32
15	LeftyA decreases Actin Polymerization and Stiffness in Human Endometrial Cancer Cells. <i>Scientific Reports</i> , 2016, 6, 29370.	1.6	32
16	Gut Bacterial Metabolite Urolithin A (UA) Mitigates Ca <sup>2+</sup> Entry in T Cells by Regulating miR-10a-5p. <i>Frontiers in Immunology</i> , 2019, 10, 1737.	2.2	32
17	Loss of Endometrial Sodium Glucose Cotransporter SGLT1 is Detrimental to Embryo Survival and Fetal Growth in Pregnancy. <i>Scientific Reports</i> , 2017, 7, 12612.	1.6	27
18	SPAK Dependent Regulation of Peptide Transporters PEPT1 and PEPT2. <i>Kidney and Blood Pressure Research</i> , 2014, 39, 388-398.	0.9	26

#	ARTICLE	IF	CITATIONS
19	Negative Effect of Ellagic Acid on Cytosolic pH Regulation and Glycolytic Flux in Human Endometrial Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 2374-2382.	1.1	25
20	LEFTY2 Controls Migration of Human Endometrial Cancer Cells via Focal Adhesion Kinase Activity (FAK) and miRNA-200a. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 815-826.	1.1	24
21	Lithium- Sensitive Store-Operated Ca <sup>2+</sup> Entry in the Regulation of FGF23 Release. <i>NeuroSignals</i> , 2015, 23, 34-48.	0.5	21
22	Alkaline Cytosolic pH and High Sodium Hydrogen Exchanger 1 (NHE1) Activity in Th9 Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 23662-23671.	1.6	20
23	Gut Bacterial Metabolite Urolithin A Decreases Actin Polymerization and Migration in Cancer Cells. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1900390.	1.5	20
24	1 $\alpha$ ,25(OH) <sub>2</sub> D <sub>3</sub> Induces Actin Depolymerization in Endometrial Carcinoma Cells by Targeting RAC1 and PAK1. <i>Cellular Physiology and Biochemistry</i> , 2016, 40, 1455-1464.	1.1	19
25	Downregulation of endometrial mesenchymal marker SUSD2 causes cell senescence and cell death in endometrial carcinoma cells. <i>PLoS ONE</i> , 2017, 12, e0183681.	1.1	19
26	Epigallocatechin-3-gallate (EGCG) up-regulates miR-15b expression thus attenuating store operated calcium entry (SOCE) into murine CD4 <sup>+</sup> T cells and human leukaemic T cell lymphoblasts. <i>Oncotarget</i> , 2017, 8, 89500-89514.	0.8	19
27	SPAK Sensitive Regulation of the Epithelial Na <sup>+</sup> Channel ENaC. <i>Kidney and Blood Pressure Research</i> , 2015, 40, 335-343.	0.9	17
28	LEFTYA Activates the Epithelial Na <sup>+</sup> Channel (ENaC) in Endometrial Cells via Serum and Glucocorticoid Inducible Kinase SGK1. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 1295-1306.	1.1	17
29	Glucose transport in lymphocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 1401-1406.	1.3	17
30	SGLT1 Deficiency Turns Listeria Infection into a Lethal Disease in Mice. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 1358-1365.	1.1	16
31	DJ-1 (Park7) affects the gut microbiome, metabolites and the development of innate lymphoid cells (ILCs). <i>Scientific Reports</i> , 2020, 10, 16131.	1.6	16
32	Decidualization is Impaired in Endometrial Stromal Cells from Uterine Rudiments in Mayer-Rokitansky-K $\ddot{u}$ ster-Hauser Syndrome. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 1083-1097.	1.1	15
33	LEFTY2 inhibits endometrial receptivity by downregulating Orai1 expression and store-operated Ca <sup>2+</sup> entry. <i>Journal of Molecular Medicine</i> , 2018, 96, 173-182.	1.7	13
34	LeftyA sensitive cytosolic pH regulation and glycolytic flux in Ishikawa human endometrial cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 845-849.	1.0	12
35	DJ-1/Park7 Sensitive Na <sup>+</sup> /H <sup>+</sup> Exchanger 1 (NHE1) in CD4 <sup>+</sup> T Cells. <i>Journal of Cellular Physiology</i> , 2017, 232, 3050-3059.	2.0	11
36	Prolyl hydroxylase 3 (PHD3) expression augments the development of regulatory T cells. <i>Molecular Immunology</i> , 2016, 76, 7-12.	1.0	10

#	ARTICLE	IF	CITATIONS
37	Annexin A7 Regulates Endometrial Receptivity. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 770.	1.8	10
38	Role of Dicer Enzyme in the Regulation of Store Operated Calcium Entry (SOCE) in CD4+ T Cells. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 1360-1368.	1.1	9
39	The Enigmatic Role of Serum & Glucocorticoid Inducible Kinase 1 in the Endometrium. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 556543.	1.8	7
40	Reprint of: Uterine plasticity and reproductive fitness. <i>Reproductive BioMedicine Online</i> , 2013, 27, 664-672.	1.1	6
41	$\beta$ -Klotho as a Negative Regulator of the Peptide Transporters PEPT1 and PEPT2. <i>Cellular Physiology and Biochemistry</i> , 2016, 40, 874-882.	1.1	6
42	Green Tea Polyphenol-Sensitive Calcium Signaling in Immune T Cell Function. <i>Frontiers in Nutrition</i> , 2020, 7, 616934.	1.6	6
43	$1\alpha,25(\text{OH})_2\text{D}_3$ Sensitive Cytosolic pH Regulation and Glycolytic Flux in Human Endometrial Ishikawa Cells. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 678-688.	1.1	5
44	Enhanced Reactive Oxygen Species Production, Acidic Cytosolic pH and Upregulated $\text{Na}^+/\text{H}^+$ Exchanger (NHE) in Dicer Deficient CD4+ T Cells. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 1377-1389.	1.1	5
45	LEFTY2/endometrial bleeding-associated factor up-regulates $\text{Na}^+$ -Coupled Glucose Transporter SGLT1 expression and Glycogen Accumulation in Endometrial Cancer Cells. <i>PLoS ONE</i> , 2020, 15, e0230044.	1.1	5
46	Genetic deficiency of the tumor suppressor protein p53 influences erythrocyte survival. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2018, 23, 641-650.	2.2	4
47	SPAK and OSR1 Sensitivity of Excitatory Amino Acid Transporter EAAT3. <i>Nephron</i> , 2015, 130, 221-228.	0.9	2
48	The Putative Role of $1,25(\text{OH})_2\text{D}_3$ in the Association of Milk Consumption and Parkinson's Disease. <i>NeuroSignals</i> , 2020, 28, 14-24.	0.5	2
49	SGK1: a therapeutic target to prevent reproductive failure?. <i>Expert Review of Obstetrics and Gynecology</i> , 2012, 7, 101-104.	0.4	1
50	Raman imaging of $\alpha$ -synuclein aggregates in a rat model of Parkinson's disease. , 2019, , .		1
51	Molecular and Physiological Aspects of SARS-CoV-2 Infection in Women and Pregnancy. <i>Frontiers in Global Women S Health</i> , 2022, 3, 756362.	1.1	1