

# Sarita Gupta

## List of Publications by Year in descending order

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33  
papers

910  
citations

516710

16  
h-index

454955

30  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of metabolically compromised Adipose derived stem cell secretome on islet differentiation and functionality. <i>Experimental Cell Research</i> , 2022, 410, 112970.	2.6	2
2	Resistin mitigates stemness and metabolic profile of human adipose-derived mesenchymal stem cells via insulin resistance. <i>Cytokine</i> , 2021, 138, 155374.	3.2	7
3	Swertisin, a novel SGLT2 inhibitor, with improved glucose homeostasis for effective diabetes therapy. <i>Archives of Biochemistry and Biophysics</i> , 2021, 710, 108995.	3.0	4
4	Oncogenic transformation of human benign prostate hyperplasia with chronic cadmium exposure. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 62, 126633.	3.0	5
5	Direct lineage tracing reveals Activin- $\alpha$ potential for improved pancreatic homing of bone marrow mesenchymal stem cells and efficient $\beta$ -cell regeneration in vivo. <i>Stem Cell Research and Therapy</i> , 2020, 11, 327.	5.5	9
6	Stromal-AR influences the growth of epithelial cells in the development of benign prostate hyperplasia. <i>Molecular and Cellular Biochemistry</i> , 2020, 471, 129-142.	3.1	5
7	Influence of obese phenotype on metabolic profile, inflammatory mediators and stemness of hADSC in adipose tissue. <i>Clinical Nutrition</i> , 2020, 39, 3829-3835.	5.0	11
8	Pancreatic resident endocrine progenitors demonstrate high islet neogenic fidelity and committed homing towards diabetic mice pancreas. <i>Journal of Cellular Physiology</i> , 2019, 234, 8975-8987.	4.1	5
9	Differential insulin and steroidogenic signaling in insulin resistant and non-insulin resistant human luteinized granulosa cellsâ€”A study in PCOS patients. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 178, 283-292.	2.5	39
10	Swertisin ameliorates diabetes by triggering pancreatic progenitors for islet neogenesis in Streptozotocin treated BALB/c mice. <i>Biomedicine and Pharmacotherapy</i> , 2018, 100, 221-225.	5.6	14
11	Dexamethasone Alters the Appetite Regulation via Induction of Hypothalamic Insulin Resistance in Rat Brain. <i>Molecular Neurobiology</i> , 2017, 54, 7483-7496.	4.0	20
12	Swertiamarin ameliorates oleic acid induced lipid accumulation and oxidative stress by attenuating gluconeogenesis and lipogenesis in hepatic steatosis. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 785-791.	5.6	41
13	Dual effect of insulin resistance and cadmium on human granulosa cells - In vitro study. <i>Toxicology and Applied Pharmacology</i> , 2016, 313, 119-130.	2.8	17
14	Insulin resistance: an additional risk factor in the pathogenesis of cardiovascular disease in type 2 diabetes. <i>Heart Failure Reviews</i> , 2016, 21, 11-23.	3.9	156
15	Anti-apoptotic and cytoprotective effect of <i>Enicostemma littorale</i> against oxidative stress in Islets of Langerhans. <i>Pharmaceutical Biology</i> , 2016, 54, 2061-2072.	2.9	7
16	Swertisin an Anti-Diabetic Compound Facilitate Islet Neogenesis from Pancreatic Stem/Progenitor Cells via p-38 MAP Kinase-SMAD Pathway: An In-Vitro and In-Vivo Study. <i>PLoS ONE</i> , 2015, 10, e0128244.	2.5	25
17	Modulation of Steroidogenic Pathway in Rat Granulosa Cells with Subclinical Cd Exposure and Insulin Resistance: An Impact on Female Fertility. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	36
18	A single low dose of cadmium exposure induces benign prostate hyperplasia like condition in rat: A novel benign prostate hyperplasia rodent model. <i>Experimental Biology and Medicine</i> , 2014, 239, 829-841.	2.4	9

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19	Association of Cadmium and Lead with Antioxidant Status and Incidence of Benign Prostatic Hyperplasia in Patients of Western India. <i>Biological Trace Element Research</i> , 2013, 152, 316-326.	3.5	8
20	Basal Expression of Pluripotency-Associated Genes Can Contribute to Stemness Property and Differentiation Potential. <i>Stem Cells and Development</i> , 2013, 22, 1802-1817.	2.1	7
21	A Small Molecule Swertisin from <i>Enicostemma littorale</i> Differentiates NIH3T3 Cells into Islet-Like Clusters and Restores Normoglycemia upon Transplantation in Diabetic Balb/c Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-20.	1.2	17
22	Swertiamarin: An Active Lead from <i>Enicostemma littorale</i> Regulates Hepatic and Adipose Tissue Gene Expression by Targeting PPAR- $\gamma$ and Improves Insulin Sensitivity in Experimental NIDDM Rat Model. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-11.	1.2	24
23	Prostate Stem Cells in the Development of Benign Prostate Hyperplasia and Prostate Cancer: Emerging Role and Concepts. <i>BioMed Research International</i> , 2013, 2013, 1-10.	1.9	33
24	Biochemical and molecular effects of gestational and lactational coexposure to lead and cadmium on ovarian steroidogenesis are associated with oxidative stress in f1 generation rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2010, 24, 384-394.	3.0	20
25	Sex-specific effects of gestational and lactational coexposure to lead and cadmium on hepatic phase I and phase II xenobiotic/steroid-metabolizing enzymes and antioxidant status. <i>Journal of Biochemical and Molecular Toxicology</i> , 2009, 23, 419-431.	3.0	13
26	Biochemical effects of gestational coexposure to lead and cadmium on reproductive performance, placenta, and ovary. <i>Journal of Biochemical and Molecular Toxicology</i> , 2008, 22, 337-344.	3.0	29
27	Effect of co-exposure to lead and cadmium on antioxidant status in rat ovarian granulosa cells. <i>Archives of Toxicology</i> , 2007, 81, 145-150.	4.2	71
28	Simultaneous effect of lead and cadmium on granulosa cells: A cellular model for ovarian toxicity. <i>Reproductive Toxicology</i> , 2006, 21, 179-185.	2.9	64
29	Hypolipidaemic and antioxidant effect of <i>Enicostemma littorale</i> Blume aqueous extract in cholesterol fed rats. <i>Journal of Ethnopharmacology</i> , 2005, 101, 277-282.	4.1	62
30	Effect of gestational and lactational exposure to lead and/or cadmium on reproductive performance and hepatic oestradiol metabolising enzymes. <i>Toxicology Letters</i> , 2005, 155, 179-186.	0.8	29
31	Effect of simultaneous exposure to lead and cadmium on gonadotropin binding and steroidogenesis on granulosa cells: an in vitro study. <i>Indian Journal of Experimental Biology</i> , 2004, 42, 143-8.	0.0	12
32	Glucose lowering effect of aqueous extract of <i>Enicostemma littorale</i> Blume in diabetes: a possible mechanism of action. <i>Journal of Ethnopharmacology</i> , 2002, 81, 317-320.	4.1	97
33	Effect of low level exposure of lead and cadmium on hepatic estradiol metabolism in female rats. <i>Indian Journal of Experimental Biology</i> , 2002, 40, 807-11.	0.0	12