

# Deepa Bhartiya

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

119  
papers

2,682  
citations

29  
h-index

47  
g-index

131  
ext. papers

3,085  
ext. citations

5.5  
avg, IF

6  
L-index

#	Paper	IF	Citations
119	Additional evidence to support OCT-4 positive VSELs and EnSCs as the elusive tissue-resident stem/progenitor cells in adult mice uterus.. <i>Stem Cell Research and Therapy</i> , <b>2022</b> , 13, 60	8.3	2
118	The Role of Very Small Embryonic-Like Stem Cells (VSELs) in Reproductive Tissues. <i>Pancreatic Islet Biology</i> , <b>2022</b> , 263-288	0.4	
117	Aged mice ovaries harbor stem cells and germ cell nests but fail to form follicles.. <i>Journal of Ovarian Research</i> , <b>2022</b> , 15, 37	5.5	0
116	Molecular Insights into Endometrial Cancer in Mice.. <i>Stem Cell Reviews and Reports</i> , <b>2022</b> , 1	7.3	0
115	Mice Uterine Stem Cells are Affected by Neonatal Endocrine Disruption & Initiate Uteropathies in Adult Life Independent of Circulatory Ovarian Hormones. <i>Stem Cell Reviews and Reports</i> , <b>2021</b> , 1	7.3	5
114	Endogenous, tissue-resident stem/progenitor cells in gonads and bone marrow express FSHR and respond to FSH via FSHR-3. <i>Journal of Ovarian Research</i> , <b>2021</b> , 14, 145	5.5	3
113	An overview of FSH-FSHR biology and explaining the existing conundrums. <i>Journal of Ovarian Research</i> , <b>2021</b> , 14, 144	5.5	6
112	Will Single-Cell RNAseq decipher stem cells biology in normal and cancerous tissues?. <i>Human Reproduction Update</i> , <b>2021</b> , 27, 421	15.8	8
111	Testicular Stem Cells Survive Oncotherapy. <i>Reproductive Sciences</i> , <b>2021</b> , 28, 1785-1787	3	
110	Quest for Pan-Cancer Diagnosis/Prognosis Ends with HrC Test Measuring Oct4A in Peripheral Blood. <i>Stem Cell Reviews and Reports</i> , <b>2021</b> , 17, 1827-1839	7.3	2
109	Pluripotent Stem (VSELs) and Progenitor (EnSCs) Cells Exist in Adult Mouse Uterus and Show Cyclic Changes Across Estrus Cycle. <i>Reproductive Sciences</i> , <b>2021</b> , 28, 278-290	3	17
108	Testicular Stem Cell Dysfunction Due to Environmental Insults Could Be Responsible for Deteriorating Reproductive Health of Men. <i>Reproductive Sciences</i> , <b>2021</b> , 28, 649-658	3	2
107	Adult tissue-resident stem cells-fact or fiction?. <i>Stem Cell Research and Therapy</i> , <b>2021</b> , 12, 73	8.3	7
106	Fertility restoration in azoospermic cancer survivors from testicular VSELs that survive oncotherapy upon transplanting MSCs. <i>Human Reproduction Update</i> , <b>2021</b> , 27, 619-620	15.8	2
105	Stem Cells in Adult Mice Ovaries Form Germ Cell Nests, Undergo Meiosis, Neo-oogenesis and Follicle Assembly on Regular Basis During Estrus Cycle. <i>Stem Cell Reviews and Reports</i> , <b>2021</b> , 17, 1695-1711	7.3	2
104	Very small embryonic-like stem cells (VSELs) regenerate whereas mesenchymal stromal cells (MSCs) rejuvenate diseased reproductive tissues. <i>Stem Cell Reviews and Reports</i> , <b>2021</b> , 1	7.3	4
103	Effect of Sonic hedgehog pathway inhibition on PDX1 expression during pancreatic differentiation of human embryonic stem cells. <i>Molecular Biology Reports</i> , <b>2021</b> , 48, 1615-1623	2.8	2

102	Two Stem Cell Populations Including VSELs and CSCs Detected in the Pericardium of Adult Mouse Heart. <i>Stem Cell Reviews and Reports</i> , <b>2021</b> , 17, 685-693	7.3	2
101	Which stem cells will eventually translate to the clinics for treatment of diabetes?. <i>Stem Cell Research and Therapy</i> , <b>2020</b> , 11, 211	8.3	2
100	Altered Biology of Testicular VSELs and SSCs by Neonatal Endocrine Disruption Results in Defective Spermatogenesis, Reduced Fertility and Tumor Initiation in Adult Mice. <i>Stem Cell Reviews and Reports</i> , <b>2020</b> , 16, 893-908	7.3	13
99	Additional Evidence to Establish Existence of Two Stem Cell Populations Including VSELs and SSCs in Adult Mouse Testes. <i>Stem Cell Reviews and Reports</i> , <b>2020</b> , 16, 992-1004	7.3	13
98	Effect of Aging and 5-Fluorouracil Treatment on Bone Marrow Stem Cell Dynamics. <i>Stem Cell Reviews and Reports</i> , <b>2020</b> , 16, 909-921	7.3	3
97	Mouse Pancreas Stem/Progenitor Cells Get Augmented by Streptozotocin and Regenerate Diabetic Pancreas After Partial Pancreatectomy. <i>Stem Cell Reviews and Reports</i> , <b>2020</b> , 16, 144-158	7.3	12
96	Pluripotent very small embryonic-like stem cells co-exist along with spermatogonial stem cells in adult mammalian testis. <i>Human Reproduction Update</i> , <b>2020</b> , 26, 136-137	15.8	5
95	Ovary does harbor stem cells - size of the cells matter!. <i>Journal of Ovarian Research</i> , <b>2020</b> , 13, 39	5.5	18
94	Direct action of FSH on testicular stem cells. <i>Stem Cell Research and Therapy</i> , <b>2019</b> , 10, 261	8.3	5
93	Clinical Translation of Stem Cells for Regenerative Medicine. <i>Circulation Research</i> , <b>2019</b> , 124, 840-842	15.7	18
92	Evolving Definition of Adult Stem/Progenitor Cells. <i>Stem Cell Reviews and Reports</i> , <b>2019</b> , 15, 456-458	6.4	13
91	Heterogeneity of Stem Cells in the Ovary. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1169, 213-223	3.6	5
90	Stem Cells in the Mammalian Gonads. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1201, 109-123	6	2
89	Improved understanding of very small embryonic-like stem cells in adult mammalian ovary. <i>Human Reproduction</i> , <b>2018</b> , 33, 978-979	5.7	7
88	Being Pluripotent, Bone Marrow Very Small Embryonic-Like Stem Cells Rather Than Hematopoietic Stem Cells Have the Potential to Regenerate Other Adult Organs. <i>Stem Cells</i> , <b>2018</b> , 36, 807-808	5.8	2
87	Transcriptional activator DOT1L putatively regulates human embryonic stem cell differentiation into the cardiac lineage. <i>Stem Cell Research and Therapy</i> , <b>2018</b> , 9, 97	8.3	11
86	The need to revisit the definition of mesenchymal and adult stem cells based on their functional attributes. <i>Stem Cell Research and Therapy</i> , <b>2018</b> , 9, 78	8.3	16
85	Novel Insights into Adult and Cancer Stem Cell Biology. <i>Stem Cells and Development</i> , <b>2018</b> , 27, 1527-1539	14.4	32

84	Further characterization of adult sheep ovarian stem cells and their involvement in neo-oogenesis and follicle assembly. <i>Journal of Ovarian Research</i> , <b>2018</b> , 11, 3	5.5	28
83	Stem cells survive oncotherapy & can regenerate non-functional gonads: A paradigm shift for oncofertility. <i>Indian Journal of Medical Research</i> , <b>2018</b> , 148, S38-S49	2.9	2
82	Dynamics of Bone Marrow VSELs and HSCs in Response to Treatment with Gonadotropin and Steroid Hormones, during Pregnancy and Evidence to Support Their Asymmetric/Symmetric Cell Divisions. <i>Stem Cell Reviews and Reports</i> , <b>2018</b> , 14, 110-124	6.4	12
81	Stem Cells and Progenitors in Human Peripheral Blood Get Activated by Extremely Active Resveratrol (XAR). <i>Stem Cell Reviews and Reports</i> , <b>2018</b> , 14, 213-222	6.4	7
80	Ovarian stem cells-resolving controversies. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2018</b> , 35, 393-398	3.4	30
79	Pluripotent Very Small Embryonic-Like Stem Cells in Adult Testes - An Alternate Premise to Explain Testicular Germ Cell Tumors. <i>Stem Cell Reviews and Reports</i> , <b>2018</b> , 14, 793-800	6.4	12
78	Gonadotropin and steroid hormones regulate pluripotent very small embryonic-like stem cells in adult mouse uterine endometrium. <i>Journal of Ovarian Research</i> , <b>2018</b> , 11, 83	5.5	24
77	Will iPS Cells Regenerate or Just Provide Trophic Support to the Diseased Tissues?. <i>Stem Cell Reviews and Reports</i> , <b>2018</b> , 14, 629-631	6.4	6
76	Mouse Bone Marrow VSELs Exhibit Differentiation into Three Embryonic Germ Lineages and Germ & Hematopoietic Cells in Culture. <i>Stem Cell Reviews and Reports</i> , <b>2017</b> , 13, 202-216	6.4	50
75	Do Adult Somatic Cells Undergo Reprogramming or Endogenous Pluripotent Stem Cells get Activated to Account for Plasticity, Regeneration and Cancer Initiation?. <i>Stem Cell Reviews and Reports</i> , <b>2017</b> , 13, 699-701	6.4	7
74	Letter to the Editor: Rejuvenate eggs or regenerate ovary?. <i>Molecular and Cellular Endocrinology</i> , <b>2017</b> , 446, 111-113	4.4	13
73	Ideal Stem Cell Candidate for Regenerative Medicine: Pluripotent Stem Cells, Adult Stem Cells, or Pluripotent Stem Cells in Adult Organs? <b>2017</b> , 143-158		
72	Genetic and Epigenetic Profiling Reveals EZH2-mediated Down Regulation of OCT-4 Involves NR2F2 during Cardiac Differentiation of Human Embryonic Stem Cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 13051	4.9	7
71	Making gametes from alternate sources of stem cells: past, present and future. <i>Reproductive Biology and Endocrinology</i> , <b>2017</b> , 15, 89	5	23
70	Pluripotent Stem Cells in Adult Tissues: Struggling To Be Acknowledged Over Two Decades. <i>Stem Cell Reviews and Reports</i> , <b>2017</b> , 13, 713-724	6.4	47
69	Effects of oncotherapy on testicular stem cells and niche. <i>Molecular Human Reproduction</i> , <b>2017</b> , 23, 654-655	4.5	16
68	Very small embryonic-like stem cells (VSELs) in adult mouse uterine perimetrium and myometrium. <i>Journal of Ovarian Research</i> , <b>2017</b> , 10, 29	5.5	19
67	Shifting gears from embryonic to very small embryonic-like stem cells for regenerative medicine. <i>Indian Journal of Medical Research</i> , <b>2017</b> , 146, 15-21	2.9	5

66	Use of Very Small Embryonic-Like Stem Cells to Avoid Legal, Ethical, and Safety Issues Associated With Oncofertility. <i>JAMA Oncology</i> , <b>2016</b> , 2, 689	13.4	10
65	Delineating the effects of 5-fluorouracil and follicle-stimulating hormone on mouse bone marrow stem/progenitor cells. <i>Stem Cell Research and Therapy</i> , <b>2016</b> , 7, 59	8.3	35
64	Ubiquitous expression of FSH/LH/hCG receptors, OCT-4, and CD133 in adult organs and cancers reflects novel VSELs biology. <i>Journal of Reproductive Health and Medicine</i> , <b>2016</b> , 2, 33-36		2
63	Do Somatic Cells De-differentiate/Trans-differentiate or VSELs Initiate Cancer and Explain Plasticity in Adult Tissues?. <i>Journal of Cancer Stem Cell Research</i> , <b>2016</b> , 4, 1		5
62	Stem cells to replace or regenerate the diabetic pancreas: Huge potential & existing hurdles. <i>Indian Journal of Medical Research</i> , <b>2016</b> , 143, 267-74	2.9	11
61	Making gametes from pluripotent stem cells: embryonic stem cells or very small embryonic-like stem cells?. <i>Stem Cell Investigation</i> , <b>2016</b> , 3, 57	5.1	5
60	Novel Action of FSH on Stem Cells in Adult Mammalian Ovary Induces Postnatal Oogenesis and Primordial Follicle Assembly. <i>Stem Cells International</i> , <b>2016</b> , 2016, 5096596	5	16
59	An update on endometrial stem cells and progenitors. <i>Human Reproduction Update</i> , <b>2016</b> , 22, 529-30	15.8	8
58	Testicular Stem Cells Express Follicle-Stimulating Hormone Receptors and Are Directly Modulated by FSH. <i>Reproductive Sciences</i> , <b>2016</b> , 23, 1493-1508	3	53
57	Endogenous, very small embryonic-like stem cells: critical review, therapeutic potential and a look ahead. <i>Human Reproduction Update</i> , <b>2016</b> , 23, 41-76	15.8	77
56	Underlying Mechanisms that Restore Spermatogenesis on Transplanting Healthy Niche Cells in Busulphan Treated Mouse Testis. <i>Stem Cell Reviews and Reports</i> , <b>2016</b> , 12, 682-697	6.4	65
55	Bioconductive 3D nano-composite constructs with tunable elasticity to initiate stem cell growth and induce bone mineralization. <i>Materials Science and Engineering C</i> , <b>2016</b> , 69, 700-14	8.3	13
54	Lineage specific expression of Polycomb Group Proteins in human embryonic stem cells in vitro. <i>Cell Biology International</i> , <b>2015</b> , 39, 600-10	4.5	4
53	FSH-FSHR3-stem cells in ovary surface epithelium: basis for adult ovarian biology, failure, aging, and cancer. <i>Reproduction</i> , <b>2015</b> , 149, R35-48	3.8	47
52	Mouse Ovarian Very Small Embryonic-Like Stem Cells Resist Chemotherapy and Retain Ability to Initiate Oocyte-Specific Differentiation. <i>Reproductive Sciences</i> , <b>2015</b> , 22, 884-903	3	62
51	Chemoablated mouse seminiferous tubular cells enriched for very small embryonic-like stem cells undergo spontaneous spermatogenesis in vitro. <i>Reproductive Biology and Endocrinology</i> , <b>2015</b> , 13, 33	5	29
50	Very small embryonic-like stem cells are the elusive mouse endometrial stem cells--a pilot study. <i>Journal of Ovarian Research</i> , <b>2015</b> , 8, 9	5.5	24
49	VSELs may obviate cryobanking of gonadal tissue in cancer patients for fertility preservation. <i>Journal of Ovarian Research</i> , <b>2015</b> , 8, 75	5.5	14

48	Ovarian stem cells are always accompanied by very small embryonic-like stem cells in adult mammalian ovary. <i>Journal of Ovarian Research</i> , <b>2015</b> , 8, 70	5.5	20
47	Very small embryonic-like stem cells are involved in pancreatic regeneration and their dysfunction with age may lead to diabetes and cancer. <i>Stem Cell Research and Therapy</i> , <b>2015</b> , 6, 96	8.3	20
46	Stem cells, progenitors & regenerative medicine: A retrospection. <i>Indian Journal of Medical Research</i> , <b>2015</b> , 141, 154-61	2.9	21
45	Intricacies of Pluripotency. <i>Journal of Stem Cells and Regenerative Medicine</i> , <b>2015</b> , 11, 2-6	0.8	6
44	Isolation and characterization of stem cells in the adult mammalian ovary. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1235, 203-29	1.4	21
43	Retraction of: Quiescent very small embryonic-like stem cells resist oncotherapy and can restore spermatogenesis in germ cell depleted mammalian testis. <i>Stem Cells and Development</i> , <b>2014</b> , 23, 1428	4.4	2
42	Polycomb group protein expression during differentiation of human embryonic stem cells into pancreatic lineage in vitro. <i>BMC Cell Biology</i> , <b>2014</b> , 15, 18		17
41	Dynamics associated with spontaneous differentiation of ovarian stem cells in vitro. <i>Journal of Ovarian Research</i> , <b>2014</b> , 7, 25	5.5	51
40	Making gametes from pluripotent stem cells--a promising role for very small embryonic-like stem cells. <i>Reproductive Biology and Endocrinology</i> , <b>2014</b> , 12, 114	5	29
39	Very small embryonic-like stem cells are involved in regeneration of mouse pancreas post-pancreatectomy. <i>Stem Cell Research and Therapy</i> , <b>2014</b> , 5, 106	8.3	27
38	Pluripotent Very Small Embryonic-like Stem Cells in Adult Mammalian Gonads. <i>Pancreatic Islet Biology</i> , <b>2014</b> , 191-209	0.4	4
37	Quiescent very small embryonic-like stem cells resist oncotherapy and can restore spermatogenesis in germ cell depleted mammalian testis. <i>Stem Cells and Development</i> , <b>2013</b> ,	4.4	8
36	Ovarian stem cells: absence of evidence is not evidence of absence. <i>Journal of Ovarian Research</i> , <b>2013</b> , 6, 65	5.5	36
35	Follicle stimulating hormone modulates ovarian stem cells through alternately spliced receptor variant FSH-R3. <i>Journal of Ovarian Research</i> , <b>2013</b> , 6, 52	5.5	67
34	Differentiation of human ES cell line KIND-2 to yield tripotent cardiovascular progenitors. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2013</b> , 49, 82-93	2.6	8
33	Stimulation of ovarian stem cells by follicle stimulating hormone and basic fibroblast growth factor during cortical tissue culture. <i>Journal of Ovarian Research</i> , <b>2013</b> , 6, 20	5.5	53
32	Multipotent to pluripotent properties of adult stem cells. <i>Stem Cells International</i> , <b>2013</b> , 2013, 813780	5	5
31	Very small embryonic-like stem cells: implications in reproductive biology. <i>BioMed Research International</i> , <b>2013</b> , 2013, 682326	3	44

30	Are Mesenchymal Cells Indeed Pluripotent Stem Cells or Just Stromal Cells? OCT-4 and VSELs Biology Has Led to Better Understanding. <i>Stem Cells International</i> , <b>2013</b> , 2013, 547501	5	38
29	An Overview of Pluripotent Stem Cells <b>2013</b> ,		2
28	Neonatal exposure to estrogen affects very small ES-like stem cells (VSELs) leading to various pathologies in adults including cancer. <i>Journal of Cancer Stem Cell Research</i> , <b>2013</b> , 1, 1		4
27	Pluripotent stem cells for cardiac regeneration: overview of recent advances & emerging trends. <i>Indian Journal of Medical Research</i> , <b>2013</b> , 137, 270-82	2.9	4
26	Efficient cryopreservation of testicular tissue: effect of age, sample state, and concentration of cryoprotectant. <i>Fertility and Sterility</i> , <b>2012</b> , 97, 200-8.e1	4.8	47
25	Very small embryonic-like stem cells with maximum regenerative potential get discarded during cord blood banking and bone marrow processing for autologous stem cell therapy. <i>Stem Cells and Development</i> , <b>2012</b> , 21, 1-6	4.4	93
24	Gonadotropin treatment augments postnatal oogenesis and primordial follicle assembly in adult mouse ovaries?. <i>Journal of Ovarian Research</i> , <b>2012</b> , 5, 32	5.5	55
23	Propagation of Human Embryonic Stem Cells: Role of TGF <b>2012</b> , 3-9		
22	Cellular origin of testis-derived pluripotent stem cells: a case for very small embryonic-like stem cells. <i>Stem Cells and Development</i> , <b>2012</b> , 21, 670-4	4.4	42
21	Pluripotent Very Small Embryonic-Like Stem Cells Get Discarded During Cord Blood and Bone Marrow Processing. <i>Stem Cells and Development</i> , <b>2012</b> , 21, 2563-2564	4.4	9
20	Stem cell interaction with somatic niche may hold the key to fertility restoration in cancer patients. <i>Obstetrics and Gynecology International</i> , <b>2012</b> , 2012, 921082	2	22
19	The continued presence of stem cells and oogonia in the adult mammalian ovary. <i>Human Reproduction</i> , <b>2012</b> , 27, 938; author reply 938-9	5.7	8
18	Detection, characterization, and spontaneous differentiation in vitro of very small embryonic-like putative stem cells in adult mammalian ovary. <i>Stem Cells and Development</i> , <b>2011</b> , 20, 1451-64	4.4	208
17	Evaluating differentiation propensity of in-house derived human embryonic stem cell lines KIND-1 and KIND-2. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2011</b> , 47, 406-19	2.6	11
16	Newer insights into premeiotic development of germ cells in adult human testis using Oct-4 as a stem cell marker. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2010</b> , 58, 1093-106	3.4	90
15	Role of TGFbeta and myofibroblasts in supporting the propagation of human embryonic stem cells in vitro. <i>International Journal of Developmental Biology</i> , <b>2010</b> , 54, 1329-36	1.9	5
14	Derivation and characterization of two genetically unique human embryonic stem cell lines on in-house-derived human feeders. <i>Stem Cells and Development</i> , <b>2009</b> , 18, 435-45	4.4	36
13	Stage-specific localization and expression of c-kit in the adult human testis. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2009</b> , 57, 861-9	3.4	48

12	Parthenogenesis and somatic cell nuclear transfer in sheep oocytes using Polscope. <i>Indian Journal of Experimental Biology</i> , <b>2009</b> , 47, 550-8		3
11	Y chromosome mosaicism and occurrence of gonadoblastoma in cases of Turner syndrome and amenorrhoea. <i>Reproductive BioMedicine Online</i> , <b>2007</b> , 15, 547-53	4	19
10	Developmental expression and cellular distribution of Mullerian inhibiting substance in the primate ovary. <i>Reproduction</i> , <b>2006</b> , 132, 443-53	3.8	47
9	Down syndrome: a study of chromosomal mosaicism. <i>Reproductive BioMedicine Online</i> , <b>2003</b> , 6, 499-503	4	25
8	Preimplantation Genetic Diagnosis for the Better Management of Couples During Assisted Reproduction. <i>International Journal of Human Genetics</i> , <b>2001</b> , 1, 117-121	1	1
7	Antibody Directed to a 26 kDa Epididymal Sperm Protein Inhibits Sperm Maturation, Function and Fertility Significantly in Mouse <b>1999</b> , 316-333		2
6	Estrogen promotes angiogenic activity in human umbilical vein endothelial cells in vitro and in a murine model. <i>Circulation</i> , <b>1995</b> , 91, 755-63	16.7	311
5	Growth hormone receptor gene expression in the mouse uterus: modulation by gonadal steroids. <i>Journal of the Society for Gynecologic Investigation</i> , <b>1994</b> , 1, 285-9		10
4	Expression of Clara cell 10-kD gene in the human endometrium and its relationship to ovarian menstrual cycle. <i>DNA and Cell Biology</i> , <b>1994</b> , 13, 495-503	3.6	24
3	Enhanced wound healing in animal models by interferon and an interferon inducer. <i>Journal of Cellular Physiology</i> , <b>1992</b> , 150, 312-9	7	34
2	Regulation of laminin expression by interferon. <i>Journal of Interferon Research</i> , <b>1991</b> , 11, 75-80		7
1	Effects of interferon in malaria infection. <i>Immunology Letters</i> , <b>1990</b> , 25, 53-7	4.1	5