

# Vimal Selvaraj

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6572238/vimal-selvaraj-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

58

papers

1,867

citations

27

h-index

42

g-index

66

ext. papers

2,129

ext. citations

4.5

avg, IF

4.89

L-index

#	Paper	IF	Citations
58	523 Late-Breaking: Non-nutrient Factors in Colostrum: Systems Biology of Mammary Derived Bioactive Proteins and Gut Receptors That Network Functions in the Bovine Neonate. <i>Journal of Animal Science</i> , <b>2021</b> , 99, 152-152	0.7	
57	Efficient induction and sustenance of pluripotent stem cells from bovine somatic cells. <i>Biology Open</i> , <b>2021</b> , 10,	2.2	1
56	Analysis of differential strategies to enhance detection of low-abundance proteins in the bovine serum proteome. <i>Animal Science Journal</i> , <b>2020</b> , 91, e13388	1.8	4
55	Anxiolytic Drug FGIN-1-27 Ameliorates Autoimmunity by Metabolic Reprogramming of Pathogenic Th17 Cells. <i>Scientific Reports</i> , <b>2020</b> , 10, 3766	4.9	5
54	Lack of adrenal TSPO/PBR expression in hamsters reinforces correlation to triglyceride metabolism. <i>Journal of Endocrinology</i> , <b>2020</b> , 247, 1-10	4.7	
53	Lack of adrenal TSPO/PBR expression in hamsters reinforces correlation to triglyceride metabolism. <i>Journal of Endocrinology</i> , <b>2020</b> , 247, 1-10	4.7	0
52	Commentary: -Cre-Mediated Global Knockout. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 472	5.7	4
51	Physiological profile of undifferentiated bovine blastocyst-derived trophoblasts. <i>Biology Open</i> , <b>2019</b> , 8,	2.2	5
50	Letter to the Editor: About glucose and early embryo development in cows described by Leane et al. (2018). <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 2825	4	1
49	Induced pluripotent stem cell generation from bovine somatic cells indicates unmet needs for pluripotency sustenance. <i>Animal Science Journal</i> , <b>2019</b> , 90, 1149-1160	1.8	11
48	Current knowledge on the acute regulation of steroidogenesis. <i>Biology of Reproduction</i> , <b>2018</b> , 99, 13-26	3.9	39
47	Letter to the Editor: Dubious Conclusions on TSPO Function. <i>Endocrinology</i> , <b>2018</b> , 159, 2528-2529	4.8	7
46	Eat, drink, and be merry: Leydig cell autophagy in testosterone production. <i>Biology of Reproduction</i> , <b>2018</b> , 99, 1113-1115	3.9	2
45	Overactivation of hedgehog signaling in the developing Mullerian duct interferes with duct regression in males and causes subfertility. <i>Reproduction</i> , <b>2017</b> , 153, 481-492	3.8	7
44	Sustainable production of housefly ( <i>Musca domestica</i> ) larvae as a protein-rich feed ingredient by utilizing cattle manure. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171708	3.7	59
43	Metabolomic characteristics of cholesterol-induced non-obese nonalcoholic fatty liver disease in mice. <i>Scientific Reports</i> , <b>2017</b> , 7, 6120	4.9	45
42	Yet Another Scenario in the Regulation of the Steroidogenic Acute Regulatory (STAR) Protein Gene. <i>Endocrinology</i> , <b>2017</b> , 158, 235-238	4.8	5

41	A brief history of the search for the protein(s) involved in the acute regulation of steroidogenesis. <i>Molecular and Cellular Endocrinology</i> , <b>2017</b> , 441, 7-16	4.4	40
40	Profiling of proteins secreted in the bovine oviduct reveals diverse functions of this luminal microenvironment. <i>PLoS ONE</i> , <b>2017</b> , 12, e0188105	3.7	30
39	In vivo imaging of microglial activation by positron emission tomography with [(11)C]PBR28 in the 5XFAD model of Alzheimer's disease. <i>Glia</i> , <b>2016</b> , 64, 993-1006	9	53
38	Mitochondrial Translocator Protein (TSPO) Function Is Not Essential for Heme Biosynthesis. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 1591-1603	5.4	38
37	Translocator Protein (TSPO) Affects Mitochondrial Fatty Acid Oxidation in Steroidogenic Cells. <i>Endocrinology</i> , <b>2016</b> , 157, 1110-21	4.8	57
36	Crucial Role Reported for TSPO in Viability and Steroidogenesis is a Misconception. Commentary: Conditional Steroidogenic Cell-Targeted Deletion of TSPO Unveils a Crucial Role in Viability and Hormone-Dependent Steroid Formation. <i>Frontiers in Endocrinology</i> , <b>2016</b> , 7, 91	5.7	21
35	Current status and future perspectives: TSPO in steroid neuroendocrinology. <i>Journal of Endocrinology</i> , <b>2016</b> , 231, R1-R30	4.7	27
34	The p38 mitogen-activated protein kinase is a key regulator of myelination and remyelination in the CNS. <i>Cell Death and Disease</i> , <b>2015</b> , 6, e1748	9.8	16
33	Minireview: translocator protein (TSPO) and steroidogenesis: a reappraisal. <i>Molecular Endocrinology</i> , <b>2015</b> , 29, 490-501		51
32	The changing landscape in translocator protein (TSPO) function. <i>Trends in Endocrinology and Metabolism</i> , <b>2015</b> , 26, 341-8	8.8	90
31	PK11195 effect on steroidogenesis is not mediated through the translocator protein (TSPO). <i>Endocrinology</i> , <b>2015</b> , 156, 1033-9	4.8	63
30	Translocator protein/peripheral benzodiazepine receptor is not required for steroid hormone biosynthesis. <i>Endocrinology</i> , <b>2014</b> , 155, 89-97	4.8	172
29	Peripheral benzodiazepine receptor/translocator protein global knock-out mice are viable with no effects on steroid hormone biosynthesis. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 27444-54	5.4	174
28	A TSPO ligand is protective in a mouse model of multiple sclerosis. <i>EMBO Molecular Medicine</i> , <b>2013</b> , 5, 891-903	12	105
27	Generation and characterization of spiking and nonspiking oligodendroglial progenitor cells from embryonic stem cells. <i>Stem Cells</i> , <b>2013</b> , 31, 2620-31	5.8	20
26	Lactotransferrin in Asian elephant ( <i>Elephas maximus</i> ) seminal plasma correlates with semen quality. <i>PLoS ONE</i> , <b>2013</b> , 8, e71033	3.7	18
25	Developmental expression of translocator protein/peripheral benzodiazepine receptor in reproductive tissues. <i>PLoS ONE</i> , <b>2013</b> , 8, e74509	3.7	18
24	Differentiating human stem cells into neurons and glial cells for neural repair. <i>Frontiers in Bioscience - Landmark</i> , <b>2012</b> , 17, 65-89	2.8	33

23	PEDF is a novel oligodendrogenic morphogen acting on the adult SVZ and corpus callosum. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 12152-64	6.6	19
22	Biomedical Applications of Induced Pluripotent Stem Cells <b>2012</b> , 265-275		
21	Induced pluripotent stem cells for conserving endangered species?. <i>Nature Methods</i> , <b>2011</b> , 8, 805-7	21.6	17
20	Effects of body weight and season on serum lipid concentrations in sloth bears ( <i>Melursus ursinus ursinus</i> ). <i>Journal of Zoo and Wildlife Medicine</i> , <b>2011</b> , 42, 373-81	0.9	3
19	Zfp488 promotes oligodendrocyte differentiation of neural progenitor cells in adult mice after demyelination. <i>Scientific Reports</i> , <b>2011</b> , 1, 2	4.9	41
18	Mice lacking FABP9/PERF15 develop sperm head abnormalities but are fertile. <i>Developmental Biology</i> , <b>2010</b> , 348, 177-89	3.1	28
17	Differentiation of embryonic stem cells into oligodendrocyte precursors. <i>Journal of Visualized Experiments</i> , <b>2010</b> ,	1.6	16
16	Switching cell fate: the remarkable rise of induced pluripotent stem cells and lineage reprogramming technologies. <i>Trends in Biotechnology</i> , <b>2010</b> , 28, 214-23	15.1	66
15	PARP-1 deficiency increases the severity of disease in a mouse model of multiple sclerosis. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 26070-84	5.4	26
14	Biochemical characterization of membrane fractions in murine sperm: identification of three distinct sub-types of membrane rafts. <i>Journal of Cellular Physiology</i> , <b>2009</b> , 218, 537-48	7	59
13	Mechanisms underlying the micron-scale segregation of sterols and GM1 in live mammalian sperm. <i>Journal of Cellular Physiology</i> , <b>2009</b> , 218, 522-36	7	41
12	Biochemical Characterization and Shotgun Proteomics of Membrane Raft Sub-Types in Murine Sperm.. <i>Biology of Reproduction</i> , <b>2009</b> , 81, 441-441	3.9	
11	Mice Lacking FABP9/PERF15 Develop Sperm Head Abnormalities but Are Fertile.. <i>Biology of Reproduction</i> , <b>2009</b> , 81, 446-446	3.9	
10	Biochemical Characterization and Shotgun Proteomics of Membrane Raft Sub-Types in Murine Sperm.. <i>Biology of Reproduction</i> , <b>2009</b> , 81, 130-130	3.9	
9	Hematology of sloth bears ( <i>Melursus ursinus ursinus</i> ) from two locations in India. <i>Journal of Wildlife Diseases</i> , <b>2008</b> , 44, 509-18	1.3	13
8	GM1 dynamics as a marker for membrane changes associated with the process of capacitation in murine and bovine spermatozoa. <i>Journal of Andrology</i> , <b>2007</b> , 28, 588-99		50
7	Effect of donor age on success of spermatogenesis in feline testis xenografts. <i>Reproduction, Fertility and Development</i> , <b>2007</b> , 19, 869-76	1.8	35
6	GM1 DYNAMICS INDICATE MEMBRANE CHANGES ASSOCIATED WITH CAPACITATION IN MURINE SPERMATOZOA. <i>Biology of Reproduction</i> , <b>2007</b> , 77, 166-166	3.9	2

5	Segregation of micron-scale membrane sub-domains in live murine sperm. <i>Journal of Cellular Physiology</i> , <b>2006</b> , 206, 636-46	7	57
4	Recipient preparation and mixed germ cell isolation for spermatogonial stem cell transplantation in domestic cats. <i>Journal of Andrology</i> , <b>2006</b> , 27, 248-56		43
3	Genistein, estrogen receptors, and the acquired immune response. <i>Journal of Nutrition</i> , <b>2006</b> , 136, 704-84.1		51
2	Gene expression profiling of 17beta-estradiol and genistein effects on mouse thymus. <i>Toxicological Sciences</i> , <b>2005</b> , 87, 97-112	4.4	22
1	Estrogenicity of the isoflavone metabolite equol on reproductive and non-reproductive organs in mice. <i>Biology of Reproduction</i> , <b>2004</b> , 71, 966-72	3.9	55