

# Tulsidas G Shrivastav

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12141631/publications.pdf>

Version: 2024-02-01

55  
papers

1,421  
citations

394421

19  
h-index

345221

36  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1579  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of stress on oocyte quality and reproductive outcome. <i>Journal of Biomedical Science</i> , 2016, 23, 36.	7.0	238
2	Apoptosis in mammalian oocytes: a review. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 1019-1025.	4.9	175
3	Reactive oxygen and nitrogen species during meiotic resumption from diplotene arrest in mammalian oocytes. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 521-528.	2.6	86
4	Calcium Signaling During Meiotic Cell Cycle Regulation and Apoptosis in Mammalian Oocytes. <i>Journal of Cellular Physiology</i> , 2017, 232, 976-981.	4.1	59
5	An increase of granulosa cell apoptosis mediates aqueous neem ( <i>Azadirachta indica</i> ) leaf extract-induced oocyte apoptosis in rat. <i>International Journal of Applied &amp; Basic Medical Research</i> , 2013, 3, 27.	0.5	54
6	Neem ( <i>Azadirachta indica</i> L.) leaf extract deteriorates oocyte quality by inducing ROS-mediated apoptosis in mammals. <i>SpringerPlus</i> , 2014, 3, 464.	1.2	54
7	Colloidal gold probe based rapid immunochromatographic strip assay for cortisol. <i>Analytica Chimica Acta</i> , 2010, 682, 66-71.	5.4	51
8	Estradiol protects clomiphene citrate-induced apoptosis in ovarian follicular cells and ovulated cumulus-oocyte complexes. <i>Fertility and Sterility</i> , 2005, 84, 1163-1172.	1.0	36
9	A direct antigen heterologous enzyme immunoassay for measuring progesterone in serum without using displacer. <i>Steroids</i> , 2006, 71, 222-230.	1.8	36
10	Melatonin protects against clomiphene citrate-induced generation of hydrogen peroxide and morphological apoptotic changes in rat eggs. <i>European Journal of Pharmacology</i> , 2011, 667, 419-424.	3.5	36
11	Impact of stress on female reproductive health disorders: Possible beneficial effects of shatavari ( <i>Asparagus racemosus</i> ). <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 46-49.	5.6	36
12	Verapamil Reversibly Inhibits Spontaneous Parthenogenetic Activation in Aged Rat Eggs Cultured In Vitro. <i>Cloning and Stem Cells</i> , 2007, 9, 608-617.	2.6	34
13	Clomiphene Citrate Induces ROS-Mediated Apoptosis in Mammalian Oocytes. <i>Open Journal of Apoptosis</i> , 2014, 03, 52-58.	1.5	28
14	Influence of different combinations of antibodies and penicillinase-labeled testosterone derivatives on sensitivity and specificity of immunoassays. <i>Steroids</i> , 1992, 57, 112-118.	1.8	26
15	Substitution of Carbonate Buffer by Water for IgG Immobilization in Enzyme Linked Immunosorbent Assay. <i>Journal of Immunoassay and Immunochemistry</i> , 2003, 24, 191-203.	1.1	26
16	Aqueous extract of <i>Azadirachta indica</i> (neem) leaf induces generation of reactive oxygen species and mitochondria-mediated apoptosis in rat oocytes. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 15-23.	2.5	25
17	Extract of <i>Azadirachta indica</i> (neem) leaf induces apoptosis in rat oocytes cultured in vitro. <i>Fertility and Sterility</i> , 2006, 85, 1223-1231.	1.0	22
18	One Step Enzyme Linked Immunosorbent Assay for Direct Estimation of Serum Cortisol. <i>Journal of Immunoassay</i> , 2000, 21, 39-50.	0.3	21

#	ARTICLE	IF	CITATIONS
19	Enzyme immunoassay of cortisol in human plasma using penicillinase as label. <i>Clinica Chimica Acta</i> , 1988, 174, 83-91.	1.1	20
20	ENZYME LINKED IMMUNOSORBENT ASSAY FOR MILK PROGESTERONE. <i>Journal of Immunoassay and Immunochemistry</i> , 2010, 31, 301-313.	1.1	20
21	One Step Enzyme Linked Immunosorbent Assay for Direct Estimation of Serum Testosterone. <i>Journal of Immunoassay and Immunochemistry</i> , 2003, 24, 205-217.	1.1	19
22	Influence of hydrophobic and hydrophilic spacer-containing enzyme conjugates on functional parameters of steroid immunoassay. <i>Analytical Biochemistry</i> , 2008, 373, 18-25.	2.4	19
23	A competitive immunochromatographic strip assay for 17 $\beta$ -hydroxy progesterone using colloidal gold nanoparticles. <i>Clinica Chimica Acta</i> , 2012, 413, 262-268.	1.1	19
24	Role of Mitogen Activated Protein Kinase and Maturation Promoting Factor During the Achievement of Meiotic Competency in Mammalian Oocytes. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 123-129.	2.6	19
25	Development of ELISA for Measurement of Progesterone Employing 17 $\beta$ -OH-P-HRP as Enzyme Label. <i>Journal of Immunoassay and Immunochemistry</i> , 2009, 30, 186-196.	1.1	18
26	Incorporation of Different Bridge Length Linkers in Enzyme and Its Use in the Preparation of Enzyme Conjugates for Immunoassay. <i>Journal of Immunoassay and Immunochemistry</i> , 2004, 25, 215-225.	1.1	17
27	Development of Isotopic and Non-isotopic Microwell Based Immunoassays for hCG Using <sup>125</sup> I and Biotin Labeled hCG. <i>Journal of Immunoassay and Immunochemistry</i> , 2005, 26, 313-324.	1.1	17
28	Use of biotin-streptavidin system for developing a viable, sensitive and specific antigen heterologous assay for hapten. <i>Talanta</i> , 2008, 77, 210-216.	5.5	17
29	Development of Rapid and Sensitive One-Step Direct Enzyme Linked Immunosorbent Assay for 17 $\beta$ -OH Progesterone in Serum. <i>Journal of Immunoassay and Immunochemistry</i> , 2008, 29, 117-127.	1.1	16
30	The influence of spacer-containing enzyme conjugate on the sensitivity and specificity of enzyme immunoassays for hapten. <i>Clinica Chimica Acta</i> , 2006, 366, 287-292.	1.1	15
31	Nitric oxide signaling during meiotic cell cycle regulation in mammalian oocytes. <i>Frontiers in Bioscience - Scholar</i> , 2017, 9, 307-318.	2.1	13
32	Preparation of Enzyme Conjugate through Adipic Acid Dihydrazide as Linker and Its Use in Immunoassays. <i>Clinical Chemistry</i> , 2003, 49, 1410-1412.	3.2	12
33	Clomiphene citrate inhibits gonadotropin-induced ovulation by reducing cyclic adenosine 3',5'-cyclic monophosphate and prostaglandin E2 levels in rat ovary. <i>Fertility and Sterility</i> , 2006, 86, 1106-1111.	1.0	12
34	Development of dual-enzyme-based simultaneous immunoassay for measurement of progesterone and human chorionic gonadotropin. <i>Analytical Biochemistry</i> , 2007, 366, 175-181.	2.4	9
35	DEVELOPMENT OF HETEROLOGOUS ENZYME LINKED IMMUNOSORBENT ASSAY FOR DEHYDROEPIANDROSTERONE IN SERUM. <i>Journal of Immunoassay and Immunochemistry</i> , 2010, 31, 266-278.	1.1	9
36	INFLUENCE OF DIFFERENT LENGTH LINKER CONTAINING DHEA-7-CMO-ENZYME CONJUGATES ON SENSITIVITY AND SPECIFICITY OF DHEA-17-CMO-ANTIBODY. <i>Journal of Immunoassay and Immunochemistry</i> , 2011, 32, 269-283.	1.1	9

#	ARTICLE	IF	CITATIONS
37	INFLUENCE OF DIFFERENT LENGTH SPACERS CONTAINING ENZYME CONJUGATE ON FUNCTIONAL PARAMETERS OF PROGESTERONE ELISA. Journal of Immunoassay and Immunochemistry, 2013, 34, 94-108.	1.1	9
38	Preparation of Horseradish Peroxidase Hydrazide and Its Use in Immunoassay. Journal of Immunoassay and Immunochemistry, 2003, 24, 301-309.	1.1	8
39	Cyclic nucleotide phosphodiesterase inhibitors: possible therapeutic drugs for female fertility regulation. European Journal of Pharmacology, 2020, 883, 173293.	3.5	8
40	Antigen Heterologous Enzyme Linked Immunosorbent Assay for the Measurement of Estroneâ€³â€³Glucuronide. Journal of Immunoassay and Immunochemistry, 2007, 29, 80-90.	1.1	7
41	DEVELOPMENT OF AN ANTIGEN HETEROLOGOUS ENZYME LINKED IMMUNOSORBENT ASSAY FOR MEASUREMENT OF CORTICOSTERONE IN RAT SERUM. Journal of Immunoassay and Immunochemistry, 2011, 32, 244-257.	1.1	7
42	INFLUENCE OF DIFFERENT HOMOLOGOUS AND HETEROLOGOUS COMBINATIONS OF ANTIBODIES AND ENZYME CONJUGATES OF DEHYDROEPIANDROSTOSTERONE ON THE SENSITIVITY AND SPECIFICITY OF DHEA ELISA. Journal of Immunoassay and Immunochemistry, 2011, 32, 114-127.	1.1	7
43	Measuring fecal testosterone metabolites in spotted hyenas: Choosing the wrong assay may lead to erroneous results. Journal of Immunoassay and Immunochemistry, 2017, 38, 308-321.	1.1	7
44	Carbodiimide or Periodate Method to Prepare Peroxidase Hydrazide for Its Use in Immunoassay. Journal of Immunoassay and Immunochemistry, 2004, 25, 295-304.	1.1	6
45	HETEROLOGOUS ENZYME LINKED IMMUNOSORBENT ASSAY FOR MEASUREMENT OF TESTOSTERONE IN SERUM. Journal of Immunoassay and Immunochemistry, 2012, 33, 252-268.	1.1	6
46	INFLUENCE OF DIFFERENT LENGTH LINKER CONTAINING DHEA-7-CMO-ENZYME CONJUGATES ON SENSITIVITY AND SPECIFICITY OF DHEA-3-HS-ANTIBODY. Journal of Immunoassay and Immunochemistry, 2012, 33, 1-17.	1.1	6
47	Direct Radioimmunoassay for the Measurement of Serum Testosterone using <sup>3</sup> H as Label. Journal of Immunoassay and Immunochemistry, 2007, 28, 127-136.	1.1	5
48	ANTIGEN HETEROLOGOUS ENZYME LINKED IMMUNOSORBENT ASSAY FOR THE MEASUREMENT OF DHEA IN SERUM. Journal of Immunoassay and Immunochemistry, 2011, 32, 326-341.	1.1	5
49	Direct Radioimmunoassay for the Measurement of Serum Progesterone using <sup>3</sup> H as a Label. Journal of Immunoassay and Immunochemistry, 2007, 28, 137-146.	1.1	4
50	A Novel Enzyme-Linked Immunosorbent Assay for Cortisol using a Long-Chain Biotinylated Cortisol-3-CMO Derivative. Journal of Immunoassay and Immunochemistry, 2008, 29, 390-405.	1.1	3
51	Development of Enzyme-Linked Immunosorbent Assay for Estimation of Urinary Albumin. Journal of Immunoassay and Immunochemistry, 2014, 35, 300-313.	1.1	3
52	Homologous ELISA for measurement of medroxyprogesterone acetate in serum. Analytical Biochemistry, 2018, 558, 60-68.	2.4	3
53	Role of granulosa cell mitogen-activated protein kinase 3/1 in gonadotropin-mediated meiotic resumption from diplotene arrest of mammalian oocytes. Growth Factors, 2018, 36, 41-47.	1.7	2
54	Fate of the germ cells in mammalian ovary: A review. Journal of Reproductive Health and Medicine, 0, 3, 3.	0.3	2

#	ARTICLE	IF	CITATIONS
55	Cyclic nucleotides regulate oocyte meiotic maturation and quality in mammals. Journal of Reproductive Health and Medicine, 0, 3, 1.	0.3	0