

# Sankar P Chaki

## List of Publications by Year in descending order

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31  
papers

823  
citations

430874

18  
h-index

501196

28  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1179  
citing authors

#	ARTICLE	IF	CITATIONS
1	H2O2 at physiological concentrations modulates Leydig cell function inducing oxidative stress and apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 39-46.	4.9	71
2	Total RNA isolation from stallion sperm and testis biopsies. <i>Theriogenology</i> , 2010, 74, 1099-1106.e2.	2.1	71
3	Effect of sodium arsenite on plasma levels of gonadotrophins and ovarian steroidogenesis in mature albino rats. Duration-dependent response.. <i>Journal of Toxicological Sciences</i> , 1999, 24, 425-431.	1.5	58
4	Estradiol treatment induces testicular oxidative stress and germ cell apoptosis in rats. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 1427-1437.	4.9	48
5	Global Reprogramming of Host Kinase Signaling in Response to Fungal Infection. <i>Cell Host and Microbe</i> , 2017, 21, 637-649.e6.	11.0	44
6	Nck enables directional cell migration through the coordination of polarized membrane protrusion with adhesion dynamics. <i>Journal of Cell Science</i> , 2013, 126, 1637-49.	2.0	43
7	A short-term evaluation of semen and accessory sex gland function in phase III trial subjects receiving intravascular contraceptive RISUG. <i>Contraception</i> , 2003, 67, 73-78.	1.5	41
8	Apoptosis and cell removal in the cryptorchid rat testis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2005, 10, 395-405.	4.9	40
9	Is abnormal sperm function an indicator among couples with recurrent pregnancy loss?. <i>Fertility and Sterility</i> , 2008, 90, 1854-1858.	1.0	40
10	Protein Tyrosine Phosphatase-PEST and $\beta$ 28 Integrin Regulate Spatiotemporal Patterns of RhoGDI1 Activation in Migrating Cells. <i>Molecular and Cellular Biology</i> , 2015, 35, 1401-1413.	2.3	38
11	Human Brucellosis and Adverse Pregnancy Outcomes. <i>Current Tropical Medicine Reports</i> , 2016, 3, 164-172.	3.7	32
12	Use of hydrogen peroxide to assess the sperm susceptibility to oxidative stress in subjects presenting a normal semen profile. <i>Journal of Developmental and Physical Disabilities</i> , 2004, 27, 82-87.	3.6	31
13	Integration of signaling and cytoskeletal remodeling by Nck in directional cell migration. <i>Bioarchitecture</i> , 2013, 3, 57-63.	1.5	31
14	Nck deficiency is associated with delayed breast carcinoma progression and reduced metastasis. <i>Molecular Biology of the Cell</i> , 2017, 28, 3500-3516.	2.1	24
15	hCG treatment raises H2O2 levels and induces germ cell apoptosis in rat testis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 1173-1182.	4.9	22
16	Selective regulation of cytoskeletal tension and cell-matrix adhesion by RhoA and Src. <i>Integrative Biology (United Kingdom)</i> , 2014, 6, 743.	1.3	22
17	Assessment of human sperm function after hydrogen peroxide exposure. <i>Contraception</i> , 2002, 66, 187-192.	1.5	21
18	Simultaneous increase in germ cell apoptosis and oxidative stress under acute unilateral testicular ischaemia in rats. <i>Journal of Developmental and Physical Disabilities</i> , 2003, 26, 319-328.	3.6	21

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19	Actin remodeling by Nck regulates endothelial lumen formation. <i>Molecular Biology of the Cell</i> , 2015, 26, 3047-3060.	2.1	15
20	Vaccine Candidate <i>Brucella melitensis</i> 16M $\Delta$ vjbR Is Safe in a Pregnant Sheep Model and Confers Protection. <i>MSphere</i> , 2020, 5, .	2.9	15
21	Nck adapter proteins promote podosome biogenesis facilitating extracellular matrix degradation and cancer invasion. <i>Cancer Medicine</i> , 2019, 8, 7385-7398.	2.8	14
22	Prepubertal human chorionic gonadotropin injection affects postpubertal germ cell maturation and androgen production in rat testis. <i>Urology</i> , 2003, 62, 571-574.	1.0	13
23	Development of a rapid, sensitive, and reproducible laboratory test kit for the assessment of plasma membrane integrity of human sperm. <i>Fertility and Sterility</i> , 2008, 89, 223-227.	1.0	11
24	Vaccine safety studies of <i>Brucella abortus</i> S19 and S19 $\Delta$ vjbR in pregnant swine. <i>Vaccine: X</i> , 2019, 3, 100041.	2.1	11
25	Characterization of an intratracheal aerosol challenge model of <i>Brucella melitensis</i> in guinea pigs. <i>PLoS ONE</i> , 2019, 14, e0212457.	2.5	10
26	The candidate vaccine strain <i>Brucella ovis</i> $\Delta$ abcBA is protective against <i>Brucella melitensis</i> infection in mice. <i>Microbiology and Immunology</i> , 2020, 64, 730-736.	1.4	10
27	Evaluation of the Efficacy of the <i>Brucella canis</i> RM6/66 $\Delta$ vjbR Vaccine Candidate for Protection against <i>B. canis</i> Infection in Mice. <i>MSphere</i> , 2020, 5, .	2.9	8
28	Interaction of <i>Brucella abortus</i> with Osteoclasts: a Step toward Understanding Osteoarticular Brucellosis and Vaccine Safety. <i>Infection and Immunity</i> , 2020, 88, .	2.2	7
29	Receptor-Binding-Motif-Targeted Sanger Sequencing: a Quick and Cost-Effective Strategy for Molecular Surveillance of SARS-CoV-2 Variants. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	5
30	The NOD- <i>scid</i> IL2r <sup>3</sup> null Mouse Model Is Suitable for the Study of Osteoarticular Brucellosis and Vaccine Safety. <i>Infection and Immunity</i> , 2019, 87, .	2.2	3
31	Intratracheal Inoculation with <i>Brucella melitensis</i> in the Pregnant Guinea Pig Is an Improved Model for Reproductive Pathogenesis and Vaccine Studies. <i>Infection and Immunity</i> , 2020, 88, .	2.2	3