

Kiran Singh

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

1,904
citations

236833

25
h-index

302012

39
g-index

85
all docs

85
docs citations

85
times ranked

2840
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutation C677T in the methylenetetrahydrofolate reductase gene is associated with male infertility in an Indian population. <i>Journal of Developmental and Physical Disabilities</i> , 2005, 28, 115-119.	3.6	111
2	Reduced Myeloid-derived Suppressor Cells in the Blood and Endometrium is Associated with Early Miscarriage. <i>American Journal of Reproductive Immunology</i> , 2015, 73, 479-486.	1.2	83
3	Immune-endocrine crosstalk during pregnancy. <i>General and Comparative Endocrinology</i> , 2017, 242, 18-23.	0.8	68
4	Human Male infertility: A Complex Multifactorial Phenotype. <i>Reproductive Sciences</i> , 2011, 18, 418-425.	1.1	67
5	Biofiltration of toluene using wood charcoal as the biofilter media. <i>Bioresource Technology</i> , 2010, 101, 3947-3951.	4.8	66
6	Environment, Lifestyle, and Female Infertility. <i>Reproductive Sciences</i> , 2021, 28, 617-638.	1.1	65
7	Gr/gr deletions on Y-chromosome correlate with male infertility: an original study, meta-analyses and trial sequential analyses. <i>Scientific Reports</i> , 2016, 6, 19798.	1.6	64
8	Association of Toll-Like Receptor 4 Polymorphisms with Diabetic Foot Ulcers and Application of Artificial Neural Network in DFU Risk Assessment in Type 2 Diabetes Patients. <i>BioMed Research International</i> , 2013, 2013, 1-9.	0.9	58
9	The Yin and Yang of Myeloid Derived Suppressor Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2776.	2.2	58
10	One-Carbon Metabolism, Spermatogenesis, and Male Infertility. <i>Reproductive Sciences</i> , 2013, 20, 622-630.	1.1	57
11	Decline in seminal quality in Indian men over the last 37 years. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 103.	1.4	52
12	Genome-wide differential methylation analyses identifies methylation signatures of male infertility. <i>Human Reproduction</i> , 2018, 33, 2256-2267.	0.4	51
13	Increased expression of TLR9 associated with pro-inflammatory S100A8 and IL-8 in diabetic wounds could lead to unresolved inflammation in type 2 diabetes mellitus (T2DM) cases with impaired wound healing. <i>Journal of Diabetes and Its Complications</i> , 2016, 30, 99-108.	1.2	48
14	MTHFR C677T Polymorphism and Recurrent Early Pregnancy Loss Risk in North Indian Population. <i>Reproductive Sciences</i> , 2012, 19, 210-215.	1.1	47
15	Biofiltration of xylene using wood charcoal as the biofilter media under transient and high loading conditions. <i>Bioresource Technology</i> , 2017, 242, 351-358.	4.8	47
16	Altered crosstalk of estradiol and progesterone with Myeloid-derived suppressor cells and Th1/Th2 cytokines in early miscarriage is associated with early breakdown of maternal-fetal tolerance. <i>American Journal of Reproductive Immunology</i> , 2019, 81, e13081.	1.2	45
17	Association of maternal and fetal MTHFR A1298C polymorphism with the risk of pregnancy loss: a study of an Indian population and a meta-analysis. <i>Fertility and Sterility</i> , 2013, 99, 1311-1318.e4.	0.5	44
18	Role of inflammatory proteins S100A8 and S100A9 in pathophysiology of recurrent early pregnancy loss. <i>Placenta</i> , 2013, 34, 824-827.	0.7	39

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19	Toll-like receptor 4 polymorphisms and their haplotypes modulate the risk of developing diabetic retinopathy in type 2 diabetes patients. <i>Molecular Vision</i> , 2014, 20, 704-13.	1.1	38
20	Idiopathic cases of male infertility from a region in India show low incidence of Y-chromosome microdeletion. <i>Journal of Biosciences</i> , 2003, 28, 605-612.	0.5	37
21	A Functional Single Nucleotide Polymorphism -1562C>T in the Matrix Metalloproteinase-9 Promoter Is Associated With Type 2 Diabetes and Diabetic Foot Ulcers. <i>International Journal of Lower Extremity Wounds</i> , 2013, 12, 199-204.	0.6	37
22	Increased DNA methylation in the spermatogenesis-associated (SPATA) genes correlates with infertility. <i>Andrology</i> , 2020, 8, 602-609.	1.9	37
23	Reduced expression of gap junction gene connexin 43 in recurrent early pregnancy loss patients. <i>Placenta</i> , 2011, 32, 619-621.	0.7	33
24	Differential Expression of Matrix Metalloproteinase-9 Gene in Wounds of Type 2 Diabetes Mellitus Cases With Susceptible -1562C>T Genotypes and Wound Severity. <i>International Journal of Lower Extremity Wounds</i> , 2014, 13, 94-102.	0.6	32
25	Chromosome microarray analysis: a case report of infertile brothers with CATSPER gene deletion. <i>Gene</i> , 2014, 542, 263-265.	1.0	27
26	Genetic and epigenetic alterations in Toll like receptor 2 and wound healing impairment in type 2 diabetes patients. <i>Journal of Diabetes and Its Complications</i> , 2015, 29, 222-229.	1.2	27
27	Decreased expression of heat shock proteins may lead to compromised wound healing in type 2 diabetes mellitus patients. <i>Journal of Diabetes and Its Complications</i> , 2015, 29, 578-588.	1.2	27
28	Integrin beta8 (ITGB8) activates VAV-RAC1 signaling via FAK in the acquisition of endometrial epithelial cell receptivity for blastocyst implantation. <i>Scientific Reports</i> , 2017, 7, 1885.	1.6	26
29	Microdeletion of Y chromosome as a cause of recurrent pregnancy loss. <i>Journal of Human Reproductive Sciences</i> , 2015, 8, 159.	0.4	24
30	Association of Increased S100A8 Serum Protein with Early Pregnancy Loss. <i>American Journal of Reproductive Immunology</i> , 2015, 73, 91-94.	1.2	23
31	Combined Effect of GSTT1 and GSTM1 Polymorphisms on Human Male Infertility in North Indian Population. <i>Reproductive Sciences</i> , 2012, 19, 312-316.	1.1	22
32	A new rhodamine derivative as a single optical probe for the recognition of Cu ²⁺ and Zn ²⁺ ions. <i>RSC Advances</i> , 2015, 5, 14382-14388.	1.7	21
33	Association of GSTT1 and GSTM1 polymorphisms with early pregnancy loss in an Indian population and a meta-analysis. <i>Reproductive BioMedicine Online</i> , 2013, 26, 313-322.	1.1	19
34	Increased expression of endosomal members of toll-like receptor family abrogates wound healing in patients with type 2 diabetes mellitus. <i>International Wound Journal</i> , 2016, 13, 927-935.	1.3	19
35	Duplications in 19p13.3 are associated with male infertility. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 2171-2179.	1.2	19
36	Dysregulation of apoptotic pathway candidate genes and proteins in infertile azoospermia patients. <i>Fertility and Sterility</i> , 2015, 104, 736-743.e6.	0.5	17

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37	Array-based DNA methylation profiling reveals peripheral blood differential methylation in male infertility. <i>Fertility and Sterility</i> , 2019, 112, 61-72.e1.	0.5	17
38	Association of the IL1RN Gene VNTR Polymorphism with Human Male Infertility. <i>PLoS ONE</i> , 2012, 7, e51899.	1.1	16
39	Association of FAS \sim 1377 G>A and FAS \sim 670 A>G functional polymorphisms of FAS gene of cell death pathway with recurrent early pregnancy loss risk. <i>Journal of Reproductive Immunology</i> , 2012, 93, 114-118.	0.8	16
40	Association of Variant rs7903146 (C/T) Single Nucleotide Polymorphism of TCF7L2 Gene With Impairment in Wound Healing Among North Indian Type 2 Diabetes Population. <i>International Journal of Lower Extremity Wounds</i> , 2013, 12, 310-315.	0.6	16
41	Azoospermic infertility is associated with altered expression of DNA repair genes. <i>DNA Repair</i> , 2019, 75, 39-47.	1.3	16
42	Functional SNP \sim 1562C/T in the promoter region of MMP9 and recurrent early pregnancy loss. <i>Reproductive BioMedicine Online</i> , 2012, 24, 61-65.	1.1	15
43	AZF deletions in Indian populations: original study and meta-analyses. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 459-469.	1.2	15
44	Homoleptic bisterpyridyl complexes: Synthesis, characterization, DNA binding, DNA cleavage and topoisomerase II inhibition activity. <i>Inorganica Chimica Acta</i> , 2015, 432, 71-80.	1.2	14
45	Hyperhomocysteinemia and low vitamin B12 are associated with the risk of early pregnancy loss: A clinical study and meta-analyses. <i>Nutrition Research</i> , 2021, 91, 57-66.	1.3	14
46	Carcinogenesis and Diabetic Wound Healing: Evidences of Parallelism. <i>Current Diabetes Reviews</i> , 2015, 11, 32-45.	0.6	13
47	Is MTHFR 677 C>T Polymorphism Clinically Important in Polycystic Ovarian Syndrome (PCOS)? A Case-Control Study, Meta-Analysis and Trial Sequential Analysis. <i>PLoS ONE</i> , 2016, 11, e0151510.	1.1	13
48	Altered cord serum 25µhydroxyvitamin D signaling and placental inflammation is associated with preµterm birth. <i>American Journal of Reproductive Immunology</i> , 2020, 83, e13201.	1.2	12
49	Excess iodine impairs spermatogenesis by inducing oxidative stress and perturbing the blood testis barrier. <i>Reproductive Toxicology</i> , 2020, 96, 128-140.	1.3	12
50	Mixed ligand complexes of Cu(II)/Zn(II) ions containing (m-)/(p-) carboxylato phenyl azo pentane 2,4-dione and 2,2µ-bipyridine/1,10 phenanthroline: Synthesis, characterization, DNA binding, nuclease and topoisomerase I inhibitory activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 152, 208-217.	2.0	11
51	Heterogeneous pattern of DNA methylation in developmentally important genes correlates with its chromatin conformation. <i>BMC Molecular Biology</i> , 2017, 18, 1.	3.0	11
52	Association of functional SNP-1562C > T in MMP9 promoter with proliferative diabetic retinopathy in north Indian type 2 diabetes mellitus patients. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 1648-1651.	1.2	11
53	Development of a multiplex MethyLight assay for the detection of DAPK1 and SOX1 methylation in epithelial ovarian cancer in a north Indian population. <i>Genes and Genetic Systems</i> , 2016, 91, 175-181.	0.2	10
54	High Level of APOA1 in Blood and Maternal Fetal Interface Is Associated With Early Miscarriage. <i>Reproductive Sciences</i> , 2019, 26, 649-656.	1.1	10

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55	XRCC1 deficiency correlates with increased DNA damage and male infertility. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 839, 1-8.	0.9	10
56	Genetic Alterations in Toll-Like Receptor 4 Signaling Pathway and Impairment of Wound Healing in Patients With Type 2 Diabetes. International Journal of Lower Extremity Wounds, 2014, 13, 162-163.	0.6	9
57	SNPs in ERCC1, ERCC2, and XRCC1 genes of the DNA repair pathway and risk of male infertility in the Asian populations: association study, meta-analysis, and trial sequential analysis. Journal of Assisted Reproduction and Genetics, 2019, 36, 79-90.	1.2	9
58	Association of interleukin 1 receptor antagonist (IL1RN) gene polymorphism with recurrent pregnancy loss risk in the North Indian Population and a meta-analysis. Molecular Biology Reports, 2014, 41, 5719-5727.	1.0	8
59	Male infertility: Y-chromosome deletion and testicular aetiology in cases of azoo-/oligospermia. Indian Journal of Experimental Biology, 2005, 43, 1088-92.	0.5	7
60	Y-haplotypes and idiopathic male infertility in an Indian population. Indian Journal of Human Genetics, 2009, 15, 19.	0.7	6
61	Association of interleukin-1beta C–3953T gene polymorphism with human male infertility. Systems Biology in Reproductive Medicine, 2013, 59, 347-351.	1.0	6
62	A386G polymorphism of the DAZL gene is not associated with idiopathic male infertility in North India. Journal of Human Reproductive Sciences, 2009, 2, 54.	0.4	5
63	FAS-670 A/G and FAS-1377 G/A polymorphism in cell death pathway gene FAS and human male infertility. Asian Pacific Journal of Reproduction, 2012, 1, 183-186.	0.2	4
64	CYP1A1 and GSTM1 genes polymorphism and its association with endometriosis : A pilot study. Asian Pacific Journal of Reproduction, 2013, 2, 297-300.	0.2	4
65	High resolution methylation analysis of the HoxA5 regulatory region in different somatic tissues of laboratory mouse during development. Gene Expression Patterns, 2017, 23-24, 59-69.	0.3	4
66	Fertilization failure and gamete health Is there a link. Frontiers in Bioscience - Scholar, 2017, 9, 395-419.	0.8	4
67	MTHFR 1298A>C Substitution is a Strong Candidate for Analysis in Recurrent Pregnancy Loss: Evidence from 14,289 Subjects. Reproductive Sciences, 2021, , 1.	1.1	4
68	Cystathionine B-Synthase 844ins68 Gene Variant and Idiopathic Male Infertility. Reproductive Sciences, 2009, , .	1.1	3
69	Association of polymorphism in cell death pathway gene FASLG with human male infertility. Asian Pacific Journal of Reproduction, 2015, 4, 112-115.	0.2	3
70	Impact of socio-demographic variables on antenatal services in eastern Uttar Pradesh, India. Health Care for Women International, 2021, 42, 580-597.	0.6	3
71	Comparison of expression of chemokine receptor 4 in maternal decidua and chorionic villi in women with spontaneous miscarriages and women opting for termination of viable pregnancies. Journal of Human Reproductive Sciences, 2021, 14, 68.	0.4	3
72	Autosomal Genes in Male Infertility. , 2017, , 231-252.		3

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73	HPG Axis: The Central Regulator of Spermatogenesis and Male Fertility. , 2017, , 25-36.		3
74	Saving the bones in breast cancer: aromatase inhibitor-induced osteoporosis. Expert Review of Endocrinology and Metabolism, 2013, 8, 311-313.	1.2	2
75	Association of the patterns of global DNA methylation and expression analysis of DNA methyltransferases in impaired spermatogenic patients. Asian Pacific Journal of Reproduction, 2015, 4, 262-265.	0.2	2
76	Estradiol correlates with the accumulation of Monocytic Myeloid-Derived Suppressor Cells in Pre-term birth: A possible explanation of immune suppression in pre-term babies. Journal of Reproductive Immunology, 2021, 147, 103350.	0.8	2
77	Sex Chromosomal Genes in Male Infertility. , 2017, , 253-270.		2
78	Syndromic Forms of Male Infertility. , 2017, , 111-130.		1
79	Role of α^2460 C/T VEGF gene polymorphism in preeclampsia. Asian Pacific Journal of Reproduction, 2013, 2, 30-33.	0.2	0
80	Association of the gonadotrophin-regulated testicular RNA helicase gene polymorphism with human male infertility. Andrologia, 2014, 46, 1063-1066.	1.0	0
81	Interleukin-17 gene polymorphisms and the risk of early miscarriage: A case-control study and meta-analysis. Meta Gene, 2018, 17, 206-211.	0.3	0
82	Expression Profiling of TGF- β^2 Receptor and its Relation with Endometriosis. International Journal of Infertility and Fetal Medicine, 2015, 6, 112-117.	0.0	0
83	Genomic Landscape of Human Y Chromosome and Male Infertility. , 2017, , 67-87.		0
84	Cytogenetic Factors in Male Infertility. , 2017, , 213-229.		0
85	S100 proteins: An emerging cynosure in pregnancy & adverse reproductive outcome. Indian Journal of Medical Research, 2018, 148, S100-S106.	0.4	0