Kiran Singh

List of Publications by Year
in descending order

85 papers	1,904 citations	236925 25 h-index	302126 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 population1. Journal of Developmental and Physical Disabilities, 2005, 28, 115-119.	3.6	111
2	Reduced Myeloid-derived Suppressor Cells in the Blood and Endometrium is Associated with Early Miscarriage. American Journal of Reproductive Immunology, 2015, 73, 479-486.	1.2	83
3	Immune-endocrine crosstalk during pregnancy. General and Comparative Endocrinology, 2017, 242, 18-23.	1.8	68
4	Human Male infertility: A Complex Multifactorial Phenotype. Reproductive Sciences, 2011, 18, 418-425.	2.5	67
5	Biofiltration of toluene using wood charcoal as the biofilter media. Bioresource Technology, 2010, 101, 3947-3951.	9.6	66
6	Environment, Lifestyle, and Female Infertility. Reproductive Sciences, 2021, 28, 617-638.	2.5	65
7	Gr/gr deletions on Y-chromosome correlate with male infertility: an original study, meta-analyses and trial sequential analyses. Scientific Reports, 2016, 6, 19798.	3.3	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. BioMed Research International, 2013, 2013, 1-9.	1.9	58
9	The Yin and Yang of Myeloid Derived Suppressor Cells. Frontiers in Immunology, 2018, 9, 2776.	4.8	58
10	One-Carbon Metabolism, Spermatogenesis, and Male Infertility. Reproductive Sciences, 2013, 20, 622-630.	2.5	57
11	Decline in seminal quality in Indian men over the last 37Âyears. Reproductive Biology and Endocrinology, 2018, 16, 103.	3.3	52
12	Genome-wide differential methylation analyses identifies methylation signatures of male infertility. Human Reproduction, 2018, 33, 2256-2267.	0.9	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. Journal of Diabetes and Its Complications, 2016, 30, 99-108.	2.3	48
14	MTHFR C677T Polymorphism and Recurrent Early Pregnancy Loss Risk in North Indian Population. Reproductive Sciences, 2012, 19, 210-215.	2.5	47
15	Biofiltration of xylene using wood charcoal as the biofilter media under transient and high loading conditions. Bioresource Technology, 2017, 242, 351-358.	9.6	47
16	Altered crosstalk of estradiol and progesterone with Myeloidâ€derived suppressor cells and Th1/Th2 cytokines in early miscarriage is associated with early breakdown of maternalâ€fetal tolerance. American Journal of Reproductive Immunology, 2019, 81, e13081.	1.2	45
17	Association of maternal and fetal MTHFR A1298C polymorphism with the risk of pregnancy loss: a study ofÂan Indian population and a meta-analysis. Fertility and Sterility, 2013, 99, 1311-1318.e4.	1.0	44
18	Role of inflammatory proteins S100A8 and S100A9 in pathophysiology of recurrent early pregnancy loss. Placenta, 2013, 34, 824-827.	1.5	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. Molecular Vision, 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. Journal of Biosciences, 2003, 28, 605-612.	1.1	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. International Journal of Lower Extremity Wounds, 2013, 12, 199-204.	1.1	37
22	Increased DNA methylation in the spermatogenesisâ€associated (SPATA) genes correlates with infertility. Andrology, 2020, 8, 602-609.	3.5	37
23	Reduced expression of gap junction gene connexin 43 in recurrent early pregnancy loss patients. Placenta, 2011, 32, 619-621.	1.5	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. International Journal of Lower Extremity Wounds, 2014, 13, 94-102.	1.1	32
25	Chromosome microarray analysis: a case report of infertile brothers with CATSPER gene deletion. Gene, 2014, 542, 263-265.	2.2	27
26	Genetic and epigenetic alterations in Toll like receptor 2 and wound healing impairment in type 2 diabetes patients. Journal of Diabetes and Its Complications, 2015, 29, 222-229.	2.3	27
27	Decreased expression of heat shock proteins may lead to compromised wound healing in type 2 diabetes mellitus patients. Journal of Diabetes and Its Complications, 2015, 29, 578-588.	2.3	27
28	Integrin beta8 (ITGB8) activates VAV-RAC1 signaling via FAK in the acquisition of endometrial epithelial cell receptivity for blastocyst implantation. Scientific Reports, 2017, 7, 1885.	3.3	26
29	Microdeletion of Y chromosome as a cause of recurrent pregnancy loss. Journal of Human Reproductive Sciences, 2015, 8, 159.	0.9	24
30	Association of Increased S100A8 Serum Protein with Early Pregnancy Loss. American Journal of Reproductive Immunology, 2015, 73, 91-94.	1.2	23
31	Combined Effect of GSTT1 and GSTM1 Polymorphisms on Human Male Infertility in North Indian Population. Reproductive Sciences, 2012, 19, 312-316.	2.5	22
32	A new rhodamine derivative as a single optical probe for the recognition of Cu²⁺and Zn²⁺ions. RSC Advances, 2015, 5, 14382-14388.	3.6	21
33	Association of GSTT1 and GSTM1 polymorphisms with early pregnancy loss in an Indian population and a meta-analysis. Reproductive BioMedicine Online, 2013, 26, 313-322.	2.4	19
34	Increased expression of endosomal members of tollâ€like receptor family abrogates wound healing in patients with type 2 diabetes mellitus. International Wound Journal, 2016, 13, 927-935.	2.9	19
35	Duplications in 19p13.3 are associated with male infertility. Journal of Assisted Reproduction and Genetics, 2019, 36, 2171-2179.	2.5	19
36	Dysregulation of apoptotic pathway candidate genes and proteins in infertile azoospermia patients. Fertility and Sterility, 2015, 104, 736-743.e6.	1.0	17

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37	Array-based DNA methylation profiling reveals peripheral blood differential methylation in male infertility. Fertility and Sterility, 2019, 112, 61-72.e1.	1.0	17
38	Association of the IL1RN Gene VNTR Polymorphism with Human Male Infertility. PLoS ONE, 2012, 7, e51899.	2.5	16
39	Association of FAS â˜'1377 G>A and FAS â˜'670 A>G functional polymorphisms of FAS gene of cell death pathway with recurrent early pregnancy loss risk. Journal of Reproductive Immunology, 2012, 93, 114-118.	1.9	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. International Journal of Lower Extremity Wounds, 2013, 12, 310-315.	1.1	16
41	Azoospermic infertility is associated with altered expression of DNA repair genes. DNA Repair, 2019, 75, 39-47.	2.8	16
42	Functional SNP â˜'1562C/T in the promoter region of MMP9 and recurrent early pregnancy loss. Reproductive BioMedicine Online, 2012, 24, 61-65.	2.4	15
43	AZF deletions in Indian populations: original study and meta-analyses. Journal of Assisted Reproduction and Genetics, 2020, 37, 459-469.	2.5	15
44	Homoleptic bisterpyridyl complexes: Synthesis, characterization, DNA binding, DNA cleavage and topoisomerase II inhibition activity. Inorganica Chimica Acta, 2015, 432, 71-80.	2.4	14
45	Hyperhomocysteinemia and low vitamin B12 are associated with the risk of early pregnancy loss: A clinical study and meta-analyses. Nutrition Research, 2021, 91, 57-66.	2.9	14
46	Carcinogenesis and Diabetic Wound Healing: Evidences of Parallelism. Current Diabetes Reviews, 2015, 11, 32-45.	1.3	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. PLoS ONE, 2016, 11, e0151510.	2.5	13
48	Altered cord serum 25â€hydroxyvitamin D signaling and placental inflammation is associated with preâ€term birth. American Journal of Reproductive Immunology, 2020, 83, e13201.	1.2	12
49	Excess iodine impairs spermatogenesis by inducing oxidative stress and perturbing the blood testis barrier. Reproductive Toxicology, 2020, 96, 128-140.	2.9	12
50	Mixed ligand complexes of Cu(II)/Zn(II) ions containing (m-)/(p-) carboxylato phenyl azo pentane 2,4-dione and 2,2â€²-bipyridine/1,10 phenanthroline: Synthesis, characterization, DNA binding, nuclease and topoisomerase I inhibitory activity. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 152, 208-217.	3.9	11
51	Heterogeneous pattern of DNA methylation in developmentally important genes correlates with its chromatin conformation. BMC Molecular Biology, 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. Journal of Diabetes and Its Complications, 2017, 31, 1648-1651.	2.3	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. Genes and Genetic Systems, 2016, 91, 175-181.	0.7	10
54	High Level of APOA1 in Blood and Maternal Fetal Interface Is Associated With Early Miscarriage. Reproductive Sciences, 2019, 26, 649-656.	2.5	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.	1.7	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.	1.1	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.	2.5	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.	2.3	8
59	Male infertility: Y-chromosome deletion and testicular aetiology in cases of azoo-/oligospermia. Indian Journal of Experimental Biology, 2005, 43, 1088-92.	0.0	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 Câ€‰+â€‰3953T gene polymorphism with human male infertility. Systems Biology in Reproductive Medicine, 2013, 59, 347-351.	2.1	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.	0.9	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.	0.4	4
64	CYP1A1 and GSTM1 genes polymorphism and its association with endometriosis : A pilot study. Asian Pacific Journal of Reproduction, 2013, 2, 297-300.	0.4	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.	0.8	4
66	Fertilization failure and gamete health Is there a link. Frontiers in Bioscience - Scholar, 2017, 9, 395-419.	2.1	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.	2.5	4
68	Cystathionine B-Synthase 844ins68 Gene Variant and Idiopathic Male Infertility. Reproductive Sciences, 2009, , .	2.5	3
69	Association of polymorphism in cell death pathway gene FASLG with human male infertility. Asian Pacific Journal of Reproduction, 2015, 4, 112-115.	0.4	3
70	Impact of socio-demographic variables on antenatal services in eastern Uttar Pradesh, India. Health Care for Women International, 2021, 42, 580-597.	1.1	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.	0.9	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.	2.4	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.	0.4	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.	1.9	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 â^'460 C/T VEGF gene polymorphism in preeclampsia. Asian Pacific Journal of Reproduction, 2013, 2, 30-33.	0.4	0
80	Association of the gonadotrophin-regulated testicular RNA helicase gene polymorphism with human male infertility. Andrologia, 2014, 46, 1063-1066.	2.1	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.	0.6	0
82	Expression Profiling of TGF-Î² Receptor and its Relation with Endometriosis. International Journal of Infertility and Fetal Medicine, 2015, 6, 112-117.	0.1	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.	1.0	0