

Om Prakash Singh

List of Publications by Year in descending order

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76
papers

1,504
citations

304368

22
h-index

377514

34
g-index

82
all docs

82
docs citations

82
times ranked

1808
citing authors

#	ARTICLE	IF	CITATIONS
1	Malaria in India: The Center for the Study of Complex Malaria in India. <i>Acta Tropica</i> , 2012, 121, 267-273.	0.9	115
2	A review of malaria transmission dynamics in forest ecosystems. <i>Parasites and Vectors</i> , 2014, 7, 265.	1.0	97
3	Pyrethroid-Resistance and Presence of Two Knockdown Resistance (<i>kdr</i>) Mutations, F1534C and a Novel Mutation T1520I, in Indian <i>Aedes aegypti</i> . <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e3332.	1.3	87
4	DIFFERENTIATION OF MEMBERS OF THE ANOPHELES FLUVIATILIS SPECIES COMPLEX BY AN ALLELE-SPECIFIC POLYMERASE CHAIN REACTION BASED ON 28S RIBOSOMAL DNA SEQUENCES. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 70, 27-32.	0.6	57
5	Emerging polymorphisms in <i>falciparum</i> Kelch 13 gene in Northeastern region of India. <i>Malaria Journal</i> , 2016, 15, 583.	0.8	51
6	Comparative susceptibility of different members of the <i>Anopheles culicifacies</i> complex to <i>Plasmodium vivax</i> . <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1999, 93, 573-577.	0.7	47
7	The burden of submicroscopic and asymptomatic malaria in India revealed from epidemiology studies at three varied transmission sites in India. <i>Scientific Reports</i> , 2019, 9, 17095.	1.6	44
8	IDENTIFICATION OF ALL MEMBERS OF THE ANOPHELES CULICIFACIES COMPLEX USING ALLELE-SPECIFIC POLYMERASE CHAIN REACTION ASSAYS. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 454-460.	0.6	42
9	Presence of two alternative <i>kdr</i> -like mutations, L1014F and L1014S, and a novel mutation, V1010L, in the voltage gated Na ⁺ channel of <i>Anopheles culicifacies</i> from Orissa, India. <i>Malaria Journal</i> , 2010, 9, 146.	0.8	41
10	A Method for Amplicon Deep Sequencing of Drug Resistance Genes in <i>Plasmodium falciparum</i> Clinical Isolates from India. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1500-1511.	1.8	41
11	Knockdown resistance (<i>kdr</i>)-like mutations in the voltage-gated sodium channel of a malaria vector <i>Anopheles stephensi</i> and PCR assays for their detection. <i>Malaria Journal</i> , 2011, 10, 59.	0.8	40
12	Genetic evidence for malaria vectors of the <i>Anopheles sudaicus</i> complex in Sri Lanka with morphological characteristics attributed to <i>Anopheles subpictus</i> species B. <i>Malaria Journal</i> , 2010, 9, 343.	0.8	37
13	Gut microbes influence fitness and malaria transmission potential of Asian malaria vector <i>Anopheles stephensi</i> . <i>Acta Tropica</i> , 2013, 128, 41-47.	0.9	37
14	Molecular evidence of misidentification of <i>Anopheles minimus</i> as <i>Anopheles fluviatilis</i> in Assam (India). <i>Acta Tropica</i> , 2010, 113, 241-244.	0.9	35
15	Responsiveness in Parent-Adolescent Relationships: Are Influences Conditional? Does the Reporter Matter?. <i>Journal of Marriage and Family</i> , 2008, 70, 1015-1029.	1.6	34
16	PCR-based methods for the detection of L1014 <i>kdr</i> mutation in <i>Anopheles culicifacies sensu lato</i> . <i>Malaria Journal</i> , 2009, 8, 154.	0.8	32
17	COMPARATIVE SUSCEPTIBILITY OF THREE IMPORTANT MALARIA VECTORS ANOPHELES STEPHENSI, ANOPHELES FLUVIATILIS, AND ANOPHELES SUNDAICUS TO PLASMODIUM VIVAX. <i>Journal of Parasitology</i> , 2005, 91, 79-82.	0.3	30
18	An allele-specific polymerase chain reaction assay for the differentiation of members of the <i>Anopheles culicifacies</i> complex. <i>Journal of Biosciences</i> , 2004, 29, 275-280.	0.5	29

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19	Evidence for natural vertical transmission of chikungunya viruses in field populations of <i>Aedes aegypti</i> in Delhi and Haryana states in India—a preliminary report. <i>Acta Tropica</i> , 2016, 162, 46-55.	0.9	28
20	Alleles 308A and 1031C in the TNF- α gene promoter do not increase the risk but associated with circulating levels of TNF- α and clinical features of vivax malaria in Indian patients. <i>Molecular Immunology</i> , 2008, 45, 1682-1692.	1.0	27
21	On the conspecificity of <i>Anopheles fluviatilis</i> species S with <i>Anopheles minimus</i> species C. <i>Journal of Biosciences</i> , 2006, 31, 671-677.	0.5	25
22	iNOS polymorphism modulates iNOS/NO expression via impaired antioxidant and ROS content in <i>P. vivax</i> and <i>P. falciparum</i> infection. <i>Redox Biology</i> , 2018, 15, 192-206.	3.9	25
23	Numerical evaluation of the Hankel transform by using linear Legendre multi-wavelets. <i>Computer Physics Communications</i> , 2008, 179, 424-429.	3.0	24
24	Differentiation of members of the <i>Anopheles fluviatilis</i> species complex by an allele-specific polymerase chain reaction based on 28S ribosomal DNA sequences. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 70, 27-32.	0.6	23
25	Population Genetics, Evolutionary Genomics, and Genome-Wide Studies of Malaria: A View Across the International Centers of Excellence for Malaria Research. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 87-98.	0.6	22
26	Evaluation of SYBR green I based visual loop-mediated isothermal amplification (LAMP) assay for genus and species-specific diagnosis of malaria in and endemic regions. <i>Journal of Vector Borne Diseases</i> , 2017, 54, 54-60.	0.1	22
27	Isolation of a <i>Plasmodium vivax</i> refractory <i>Anopheles culicifacies</i> strain from India. <i>Tropical Medicine and International Health</i> , 2006, 11, 197-203.	1.0	21
28	A new knockdown resistance (kdr) mutation, F1534L, in the voltage-gated sodium channel of <i>Aedes aegypti</i> , co-occurring with F1534C, S989P and V1016G. <i>Parasites and Vectors</i> , 2020, 13, 327.	1.0	20
29	Comparison of three PCR-based assays for the non-invasive diagnosis of malaria: detection of <i>Plasmodium</i> parasites in blood and saliva. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 1631-1639.	1.3	19
30	Knockdown resistance (kdr) mutations in Indian <i>Anopheles culicifacies</i> populations. <i>Parasites and Vectors</i> , 2015, 8, 333.	1.0	18
31	First report on the transmission of Zika virus by <i>Aedes (Stegomyia) aegypti</i> (L.) (Diptera: Culicidae) during the 2018 Zika outbreak in India. <i>Acta Tropica</i> , 2019, 199, 105114.	0.9	17
32	Remodeling of human red cells infected with <i>Plasmodium falciparum</i> and the impact of PHIST proteins. <i>Blood Cells, Molecules, and Diseases</i> , 2013, 51, 195-202.	0.6	16
33	Role of IL-1 β , IL-6 and TNF- α cytokines and TNF- α promoter variability in <i>Plasmodium vivax</i> infection during pregnancy in endemic population of Jharkhand, India. <i>Molecular Immunology</i> , 2018, 97, 82-93.	1.0	16
34	Knockdown Resistance (kdr) Mutations in Indian <i>Anopheles stephensi</i> (Diptera: Culicidae) Populations. <i>Journal of Medical Entomology</i> , 2016, 53, 315-320.	0.9	15
35	Antibody responses within two leading <i>Plasmodium vivax</i> vaccine candidate antigens in three geographically diverse malaria-endemic regions of India. <i>Malaria Journal</i> , 2019, 18, 425.	0.8	15
36	Analysis of population genetic structure of Indian <i>Anopheles culicifacies</i> species A using microsatellite markers. <i>Parasites and Vectors</i> , 2013, 6, 166.	1.0	14

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37	Microsatellite analysis of chloroquine resistance associated alleles and neutral loci reveal genetic structure of Indian <i>Plasmodium falciparum</i> . <i>Infection, Genetics and Evolution</i> , 2013, 19, 164-175.	1.0	13
38	L1014F-kdr Mutation in Indian <i>Anopheles subpictus</i> (Diptera: Culicidae) Arising From Two Alternative Transversions in the Voltage-Gated Sodium Channel and a Single PIRA-PCR for Their Detection. <i>Journal of Medical Entomology</i> , 2015, 52, 24-27.	0.9	13
39	Intragenomic sequence variations in the second internal transcribed spacer (ITS2) ribosomal DNA of the malaria vector <i>Anopheles stephensi</i> . <i>PLoS ONE</i> , 2021, 16, e0253173.	1.1	13
40	Polymorphism in drug resistance genes dihydrofolate reductase and dihydropteroate synthase in <i>Plasmodium falciparum</i> in some states of India. <i>Parasites and Vectors</i> , 2015, 8, 471.	1.0	12
41	Malaria transmission in Tripura: Disease distribution & determinants. <i>Indian Journal of Medical Research</i> , 2015, 142, 12.	0.4	12
42	Insights into the invasion biology of <i>Plasmodium vivax</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2013, 3, 8.	1.8	11
43	Disagreement in genotyping results of drug resistance alleles of the <i>Plasmodium falciparum</i> dihydrofolate reductase (Pfdhfr) gene by allele-specific PCR (ASPCR) assays and Sanger sequencing. <i>Parasitology Research</i> , 2016, 115, 323-328.	0.6	11
44	Species B of <i>Anopheles culicifacies</i> (Diptera: Culicidae) is reproductively less fit than species A and C of the complex. <i>Acta Tropica</i> , 2009, 112, 316-319.	0.9	10
45	Assessing the genetic diversity of the vir genes in Indian <i>Plasmodium vivax</i> population. <i>Acta Tropica</i> , 2012, 124, 133-139.	0.9	10
46	Population cytogenetic and molecular evidence for existence of a new species in <i>Anopheles fluviatilis</i> complex (Diptera: Culicidae). <i>Infection, Genetics and Evolution</i> , 2013, 13, 218-223.	1.0	10
47	MERA India: Malaria Elimination Research Alliance India. <i>Journal of Vector Borne Diseases</i> , 2019, 56, 1.	0.1	10
48	Pathogenic involvement of Mallophaga. <i>Zeitschrift für Angewandte Entomologie</i> , 1985, 99, 294-301.	0.0	9
49	Phylogenetic inference of Indian malaria vectors from multilocus DNA sequences. <i>Infection, Genetics and Evolution</i> , 2010, 10, 755-763.	1.0	9
50	Relative Abundance and <i>Plasmodium</i> Infection Rates of Malaria Vectors in and around Jabalpur, a Malaria Endemic Region in Madhya Pradesh State, Central India. <i>PLoS ONE</i> , 2015, 10, e0126932.	1.1	9
51	Molecular forms of <i>Anopheles subpictus</i> and <i>Anopheles sundaicus</i> in the Indian subcontinent. <i>Malaria Journal</i> , 2020, 19, 417.	0.8	9
52	Multilocus nuclear DNA markers and genetic parameters in an Indian <i>Anopheles minimus</i> population. <i>Infection, Genetics and Evolution</i> , 2011, 11, 572-579.	1.0	8
53	Molecular characterization and expression profile of an alternate proliferating cell nuclear antigen homolog PbcNA2 in <i>Plasmodium berghei</i> . <i>IUBMB Life</i> , 2019, 71, 1293-1301.	1.5	8
54	Dissecting The role of <i>Plasmodium</i> metacaspase-2 in malaria gametogenesis and sporogony. <i>Emerging Microbes and Infections</i> , 2022, 11, 938-955.	3.0	8

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55	Modified PCR-based assay for the differentiation of members of <i>Anopheles fluviatilis</i> complex in consequence of the discovery of a new cryptic species (species V). <i>Malaria Journal</i> , 2020, 19, 96.	0.8	6
56	Molecular analysis of reticulocyte binding protein-2 gene in <i>Plasmodium vivax</i> isolates from India. <i>BMC Microbiology</i> , 2012, 12, 243.	1.3	5
57	Reduced heterozygosity at intragenic and flanking microsatellites of <i>pfcr</i> gene establishes natural selection based molecular evolution of chloroquine-resistant <i>Plasmodium falciparum</i> in India. <i>Infection, Genetics and Evolution</i> , 2013, 20, 407-412.	1.0	5
58	Genetic diversity and allelic variation in MSP3 gene of paired clinical <i>Plasmodium vivax</i> isolates from Delhi, India. <i>Journal of Infection and Public Health</i> , 2019, 12, 576-584.	1.9	5
59	Isolation and characterization of microsatellite markers from malaria vector, <i>Anopheles culicifacies</i> . <i>Molecular Ecology Notes</i> , 2004, 4, 440-442.	1.7	4
60	<i>kdr</i> -like mutations in the voltage gated sodium channel of a malaria vector <i>Anopheles stephensi</i> and development of PCR-based assays for their detection. <i>Malaria Journal</i> , 2010, 9, .	0.8	3
61	Laboratory Colonization of <i>Anopheles fluviatilis</i> Species T and U. <i>Journal of Medical Entomology</i> , 2011, 48, 395-397.	0.9	3
62	Identification of avir-orthologous immune evasion gene family from primate malaria parasites. <i>Parasitology</i> , 2014, 141, 641-645.	0.7	3
63	<i>Aedes aegypti</i> lachesin protein binds to the domain III of envelop protein of Dengue virus and inhibits viral replication. <i>Cellular Microbiology</i> , 2020, 22, e13200.	1.1	3
64	Genetic diversity in two leading <i>Plasmodium vivax</i> malaria vaccine candidates AMA1 and MSP119 at three sites in India. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009652.	1.3	3
65	Are members of the <i>Anopheles fluviatilis</i> complex conspecific?. <i>Acta Tropica</i> , 2021, 224, 106149.	0.9	3
66	Protein trafficking in <i>Plasmodium falciparum</i> -infected red cells and impact of the expansion of exported protein families. <i>Parasitology</i> , 2014, 141, 1533-1543.	0.7	2
67	Isolation and Characterization of Polymorphic Microsatellite Markers from the Malaria Vector <i>Anopheles fluviatilis</i> Species T (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , 2015, 52, 408-412.	0.9	2
68	Susceptibility of Species A, B, and C of <i>Anopheles culicifacies</i> Complex to <i>Plasmodium yoelii yoelii</i> and <i>Plasmodium vinckei petteri</i> Infections. <i>Journal of Parasitology</i> , 2000, 86, 1345.	0.3	1
69	Case study of misdiagnosis of malaria in primary care set-up leading to rapid complications and death in a high malaria endemic district of India. <i>Journal of Vector Borne Diseases</i> , 2020, 57, 378.	0.1	1
70	Morphological and odorant-binding protein 1 gene intron 1 sequence variations in <i>Anopheles stephensi</i> from Jaffna city in northern Sri Lanka. <i>Medical and Veterinary Entomology</i> , 2022, 36, 496-502.	0.7	1
71	The repertoire diversity of the <i>Plasmodium falciparum</i> <i>stevor</i> multigene family in complicated and uncomplicated malaria in India. <i>Malaria Journal</i> , 2012, 11, .	0.8	0
72	Comparative Susceptibilities of Species T and U of the <i>Anopheles fluviatilis</i> Complex to <i>Plasmodium vinckei petteri</i> Sporogony. <i>Journal of Medical Entomology</i> , 2013, 50, 594-597.	0.9	0

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73	Studies on Plasmodium Falciparum Drug Resistance in Endemic Regions of India. Indo Global Journal of Pharmaceutical Sciences, 2014, 04, .	0.3	0
74	Isolation and Characterization of Microsatellite Markers from the Malaria Vector Anopheles Fluviatilis Species T. Indo Global Journal of Pharmaceutical Sciences, 2014, 04, .	0.3	0
75	Population genetic structure of the malaria vector <i>Anopheles fluviatilis</i> species T (Diptera: Tj ETQq1 1 0.784314 rgBT /Overloc	0.7	0
76	First report of classical knockdown resistance (<i>kdr</i>) mutation, <i>L1014F</i> , in human head louse <i>Pediculus humanus capitis</i> (Phthiraptera: Anoplura). Medical and Veterinary Entomology, 2023, 37, 209-212.	0.7	0