# Prasad N Paradkar

List of Publications by Year
in descending order



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|---|---|---|---|
| 49 papers | 2,998 citations | 186265 28 h-index | 214800 47 g-index |
| 55 all docs | 55 docs citations | 55 times ranked | 4543 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | In Vivo Inhibition of Mareká€™s Disease Virus in Transgenic Chickens Expressing Cas9 and gRNA against ICP4. Microorganisms, 2021, 9, 164. | 3.6 | 20 |
| 2 | Advances in Understanding Vector Behavioural Traits after Infection. Pathogens, 2021, 10, 1376. | 2.8 | 14 |
| 3 | Towards Integrated Management of Dengue in Mumbai. Viruses, 2021, 13, 2436. | 3.3 | 4 |
| 4 | Superinfection Exclusion in Mosquitoes and Its Potential as an Arbovirus Control Strategy. Viruses, 2020, 12, 1259. | 3.3 | 13 |
| 5 | Core commitments for field trials of gene drive organisms. Science, 2020, 370, 1417-1419. | 12.6 | 67 |
| 6 | Broad dengue neutralization in mosquitoes expressing an engineered antibody. PLoS Pathogens, 2020, 16, e1008103. | 4.7 | 69 |
| 7 | Virology Downunder, a meeting commentary from the 2019 Lorne Infection and Immunity Conference, Australia. Virology Journal, 2019, 16, 109. | 3.4 | 0 |
| 8 | Whole Transcriptome Analysis of Aedes albopictus Mosquito Head and Thorax Post-Chikungunya Virus Infection. Pathogens, 2019, 8, 132. | 2.8 | 10 |
| 9 | RNASeq Analysis of Aedes albopictus Mosquito Midguts after Chikungunya Virus Infection. Viruses, 2019, 11, 513. | 3.3 | 24 |
| 10 | Virology at the Lorne Infection and Immunity Conference 2019. Virologica Sinica, 2019, 34, 474-474. | 3.0 | 0 |
| 11 | Engineered resistance to Zika virus in transgenic Aedes aegypti expressing a polycistronic cluster of synthetic small RNAs. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3656-3661. | 7.1 | 83 |
| 12 | A Role for the Insulin Receptor in the Suppression of Dengue Virus and Zika Virus in Wolbachia-Infected Mosquito Cells. Cell Reports, 2019, 26, 529-535.e3. | 6.4 | 38 |
| 13 | Neurotropism and behavioral changes associated with Zika infection in the vector Aedes aegypti. Emerging Microbes and Infections, 2018, 7, 1-11. | 6.5 | 30 |
| 14 | Dengue virus infection changes Aedes aegypti oviposition olfactory preferences. Scientific Reports, 2018, 8, 13179. | 3.3 | 24 |
| 15 | Electrophysiological evidence of RML12 mosquito cell line towards neuronal differentiation by 20-hydroxyecdysdone. Scientific Reports, 2018, 8, 10109. | 3.3 | 5 |
| 16 | Zika virus-induced hyper excitation precedes death of mouse primary neuron. Virology Journal, 2018, 15, 79. | 3.4 | 28 |
| 17 | Zika vector transmission risk in temperate Australia: a vector competence study. Virology Journal, 2017, 14, 108. | 3.4 | 51 |
| 18 | Iron availability affects West Nile virus infection in its mosquito vector. Virology Journal, 2017, 14, 103. | 3.4 | 26 |

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|---|---|---|---|
| 19 | Assessment of ICount software, a precise and fast egg counting tool for the mosquito vector Aedes aegypti. Parasites and Vectors, 2016, 9, 590. | 2.5 | 23 |
| 20 | Wongabel Rhabdovirus Accessory Protein U3 Targets the SWI/SNF Chromatin Remodeling Complex. Journal of Virology, 2015, 89, 1377-1388. | 3.4 | 2 |
| 21 | Evolution of Genome Size and Complexity in the Rhabdoviridae. PLoS Pathogens, 2015, 11, e1004664. | 4.7 | 149 |
| 22 | Cullin4 Is Pro-Viral during West Nile Virus Infection of Culex Mosquitoes. PLoS Pathogens, 2015, 11, e1005143. | 4.7 | 35 |
| 23 | Dicer-2-Dependent Activation of Culex Vago Occurs via the TRAF-Rel2 Signaling Pathway. PLoS Neglected Tropical Diseases, 2014, 8, e2823. | 3.0 | 98 |
| 24 | Iron regulatory protein-1 protects against mitoferrin-1-deficient porphyria.. Journal of Biological Chemistry, 2014, 289, 13707. | 3.4 | 0 |
| 25 | Iron Regulatory Protein-1 Protects against Mitoferrin-1-deficient Porphyria. Journal of Biological Chemistry, 2014, 289, 7835-7843. | 3.4 | 34 |
| 26 | Mon1a Protein Acts in Trafficking through the Secretory Apparatus. Journal of Biological Chemistry, 2012, 287, 25577-25588. | 3.4 | 10 |
| 27 | Secreted Vago restricts West Nile virus infection in Culex mosquito cells by activating the Jak-STAT pathway. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18915-18920. | 7.1 | 257 |
| 28 | Celgosivir treatment misfolds dengue virus NS1 protein, induces cellular pro-survival genes and protects against lethal challenge mouse model. Antiviral Research, 2011, 92, 453-460. | 4.1 | 130 |
| 29 | Dengue protease activity: the structural integrity and interaction of NS2B with NS3 protease and its potential as a drug target. Bioscience Reports, 2011, 31, 399-409. | 2.4 | 46 |
| 30 | Unfolded protein response (UPR) gene expression during antibody-dependent enhanced infection of cultured monocytes correlates with dengue disease severity. Bioscience Reports, 2011, 31, 221-230. | 2.4 | 30 |
| 31 | Parkin regulates metal transport via proteasomal degradation of the 1B isoforms of divalent metal transporter 1. Journal of Neurochemistry, 2010, 113, 454-464. | 3.9 | 67 |
| 32 | Flexibility between the Protease and Helicase Domains of the Dengue Virus NS3 Protein Conferred by the Linker Region and Its Functional Implications. Journal of Biological Chemistry, 2010, 285, 18817-18827. | 3.4 | 120 |
| 33 | High Affinity Human Antibody Fragments to Dengue Virus Non-Structural Protein 3. PLoS Neglected Tropical Diseases, 2010, 4, e881. | 3.0 | 34 |
| 34 | Abcb10 physically interacts with mitoferrin-1 (Slc25a37) to enhance its stability and function in the erythroid mitochondria. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16263-16268. | 7.1 | 194 |
| 35 | Regulation of Mitochondrial Iron Import through Differential Turnover of Mitoferrin 1 and Mitoferrin 2. Molecular and Cellular Biology, 2009, 29, 1007-1016. | 2.3 | 280 |
| 36 | Discovery of Genes Essential for Heme Biosynthesis through Large-Scale Gene Expression Analysis. Cell Metabolism, 2009, 10, 119-130. | 16.2 | 178 |

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|---|---|---|---|
| 37 | Iron depletion limits intracellular bacterial growth in macrophages. Blood, 2008, 112, 866-874. | 1.4 | 181 |
| 38 | Ironâ€depletion limits intracellular bacterial growth in macrophages. FASEB Journal, 2008, 22, 1191.1. | 0.5 | 1 |
| 39 | Mitoferrin1 Transgenic Zebrafish Line Serves as a Model to Study Erythroid Cell Fate during Hematopoiesis. Blood, 2008, 112, 3576-3576. | 1.4 | 1 |
| 40 | Abcb10 Physically Interacts with Mitoferrin1 to Enhance Its Stability for Heme Synthesis in the Erythroid Mitochondria. Blood, 2008, 112, 530-530. | 1.4 | 0 |
| 41 | Expression of the 1B isoforms of divalent metal transporter (DMT1) is regulated by interaction of NF-Y with a CCAAT-box element near the transcription start site. Journal of Cellular Physiology, 2007, 211, 183-188. | 4.1 | 12 |
| 42 | Genetic variation in Mon1a affects protein trafficking and modifies macrophage iron loading in mice. Nature Genetics, 2007, 39, 1025-1032. | 21.4 | 61 |
| 43 | DMT1: Which metals does it transport?. Biological Research, 2006, 39, 79-85. | 3.4 | 188 |
| 44 | Post-translational and transcriptional regulation of DMT1 during P19 embryonic carcinoma cell differentiation by retinoic acid. Biochemical Journal, 2006, 394, 173-183. | 3.7 | 38 |
| 45 | Comparison of mammalian cell lines expressing distinct isoforms of divalent metal transporter 1 in a tetracycline-regulated fashion. Biochemical Journal, 2006, 398, 539-546. | 3.7 | 68 |
| 46 | Nitric oxide transcriptionally down-regulates specific isoforms of divalent metal transporter (DMT1) via NF-?B. Journal of Neurochemistry, 2006, 96, 1768-1777. | 3.9 | 51 |
| 47 | Hypoxia induces changes in expression of isoforms of the divalent metal transporter (DMT1) in rat pheochromocytoma (PC12) cells. Biochemical Pharmacology, 2005, 69, 1647-1655. | 4.4 | 43 |
| 48 | Dietary isoflavones suppress endotoxin-induced inflammatory reaction in liver and intestine. Cancer Letters, 2004, 215, 21-28. | 7.2 | 90 |
| 49 | Expression and localization of different forms of DMT1 in normal and tumor astroglial cells. Molecular Brain Research, 2004, 122, 62-70. | 2.3 | 39 |