

# Manoj Kumar Mishra

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42  
papers

2,122  
citations

26  
h-index

45  
g-index

45  
ext. papers

2,495  
ext. citations

6.8  
avg, IF

4.84  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 42 | Proinflammatory mediators released by activated microglia induces neuronal death in Japanese encephalitis. <i>Glia</i> , <b>2007</b> , 55, 483-96  | 9    | 292       |
| 41 | Kaempferol induces apoptosis in glioblastoma cells through oxidative stress. <i>Molecular Cancer Therapeutics</i> , <b>2007</b> , 6, 2544-53   | 6.1  | 171       |
| 40 | Immunosenescence of microglia and macrophages: impact on the ageing central nervous system. <i>Brain</i> , <b>2016</b> , 139, 653-61   | 11.2 | 143       |
| 39 | Minocycline neuroprotects, reduces microglial activation, inhibits caspase 3 induction, and viral replication following Japanese encephalitis. <i>Journal of Neurochemistry</i> , <b>2008</b> , 105, 1582-95   | 6    | 128       |
| 38 | Myeloid cells - targets of medication in multiple sclerosis. <i>Nature Reviews Neurology</i> , <b>2016</b> , 12, 539-51  | 15   | 101       |
| 37 | Intrinsic targeting of inflammatory cells in the brain by polyamidoamine dendrimers upon subarachnoid administration. <i>Nanomedicine</i> , <b>2010</b> , 5, 1317-29   | 5.6  | 88        |
| 36 | Toll-like receptor 2-mediated alternative activation of microglia is protective after spinal cord injury. <i>Brain</i> , <b>2014</b> , 137, 707-23   | 11.2 | 81        |
| 35 | Nanoscale effects in dendrimer-mediated targeting of neuroinflammation. <i>Biomaterials</i> , <b>2016</b> , 101, 96-107  | 3.6  | 80        |
| 34 | Japanese Encephalitis Virus infection induces IL-18 and IL-1beta in microglia and astrocytes: correlation with in vitro cytokine responsiveness of glial cells and subsequent neuronal death. <i>Journal of Neuroimmunology</i> , <b>2008</b> , 195, 60-72 | 3.5  | 75        |
| 33 | Novel strategy for treatment of Japanese encephalitis using arctigenin, a plant lignan. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2008</b> , 61, 679-88  | 5.1  | 69        |
| 32 | Laquinimod reduces neuroaxonal injury through inhibiting microglial activation. <i>Annals of Clinical and Translational Neurology</i> , <b>2014</b> , 1, 409-22  | 5.3  | 64        |
| 31 | Kinetics of proinflammatory monocytes in a model of multiple sclerosis and its perturbation by laquinimod. <i>American Journal of Pathology</i> , <b>2012</b> , 181, 642-51  | 5.8  | 64        |
| 30 | Understanding the molecular mechanism of blood-brain barrier damage in an experimental model of Japanese encephalitis: correlation with minocycline administration as a therapeutic agent. <i>Neurochemistry International</i> , <b>2009</b> , 55, 717-23  | 4.4  | 62        |
| 29 | Antioxidant potential of Minocycline in Japanese Encephalitis Virus infection in murine neuroblastoma cells: correlation with membrane fluidity and cell death. <i>Neurochemistry International</i> , <b>2009</b> , 54, 464-70                             | 4.4  | 61        |
| 28 | Stimulation of monocytes, macrophages, and microglia by amphotericin B and macrophage colony-stimulating factor promotes remyelination. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 1136-48   | 6.6  | 58        |
| 27 | Tobacco carcinogen induces microglial activation and subsequent neuronal damage. <i>Journal of Neurochemistry</i> , <b>2009</b> , 110, 1070-81   | 6    | 48        |
| 26 | Chondroitin sulfate proteoglycans as novel drivers of leucocyte infiltration in multiple sclerosis. <i>Brain</i> , <b>2018</b> , 141, 1094-1110  | 11.2 | 44        |

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| 25 | Minocycline differentially modulates macrophage mediated peripheral immune response following Japanese encephalitis virus infection. <i>Immunobiology</i> , <b>2010</b> , 215, 884-93  | 3.4  | 44 |
| 24 | A study of cytokines in tuberculous meningitis: clinical and MRI correlation. <i>Neuroscience Letters</i> , <b>2010</b> , 483, 6-10  | 3.3  | 40 |
| 23 | Neuroprotection conferred by astrocytes is insufficient to protect animals from succumbing to Japanese encephalitis. <i>Neurochemistry International</i> , <b>2007</b> , 50, 764-73  | 4.4  | 40 |
| 22 | Niacin-mediated rejuvenation of macrophage/microglia enhances remyelination of the aging central nervous system. <i>Acta Neuropathologica</i> , <b>2020</b> , 139, 893-909   | 14.3 | 33 |
| 21 | Protective effects of interleukin-6 in lipopolysaccharide (LPS)-induced experimental endotoxemia are linked to alteration in hepatic anti-oxidant enzymes and endogenous cytokines. <i>Immunobiology</i> , <b>2010</b> , 215, 443-51           | 3.4  | 33 |
| 20 | Regenerative Capacity of Macrophages for Remyelination. <i>Frontiers in Cell and Developmental Biology</i> , <b>2016</b> , 4, 47   | 5.7  | 33 |
| 19 | Systematic screening of generic drugs for progressive multiple sclerosis identifies clomipramine as a promising therapeutic. <i>Nature Communications</i> , <b>2017</b> , 8, 1990  | 17.4 | 31 |
| 18 | Minocycline differentially modulates viral infection and persistence in an experimental model of Japanese encephalitis. <i>Journal of NeuroImmune Pharmacology</i> , <b>2010</b> , 5, 553-65   | 6.9  | 28 |
| 17 | Fluorescent Phosphorus Dendrimer as a Spectral Nanosensor for Macrophage Polarization and Fate Tracking in Spinal Cord Injury. <i>Macromolecular Bioscience</i> , <b>2015</b> , 15, 1523-34  | 5.5  | 27 |
| 16 | Cytokines and chemokines in viral encephalitis: a clinicoradiological correlation. <i>Neuroscience Letters</i> , <b>2010</b> , 473, 48-51  | 3.3  | 23 |
| 15 | Japanese encephalitis virus differentially modulates the induction of multiple pro-inflammatory mediators in human astrocytoma and astrogloma cell-lines. <i>Cell Biology International</i> , <b>2008</b> , 32, 1506-13 <sup>4.5</sup>         | 4.5  | 23 |
| 14 | Unexpected additive effects of minocycline and hydroxychloroquine in models of multiple sclerosis: Prospective combination treatment for progressive disease?. <i>Multiple Sclerosis Journal</i> , <b>2018</b> , 24, 1543-1556                 | 5    | 21 |
| 13 | ING1 and 5-azacytidine act synergistically to block breast cancer cell growth. <i>PLoS ONE</i> , <b>2012</b> , 7, e43671   | 3.7  | 21 |
| 12 | Impact of Minocycline on Extracellular Matrix Metalloproteinase Inducer, a Factor Implicated in Multiple Sclerosis Immunopathogenesis. <i>Journal of Immunology</i> , <b>2016</b> , 197, 3850-3860   | 5.3  | 19 |
| 11 | Control of brain tumor growth by reactivating myeloid cells with niacin. <i>Science Translational Medicine</i> , <b>2020</b> , 12,   | 17.5 | 17 |
| 10 | Screening for inhibitors of microglia to reduce neuroinflammation. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2013</b> , 12, 741-9  | 2.6  | 17 |
| 9  | Gestational bisphenol-A exposure lowers the threshold for autoimmunity in a model of multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 4999-5004 <sup>11.5</sup> | 11.5 | 17 |
| 8  | Glutathione synthesis inhibitor butathione sulfoximine regulates ceruloplasmin by dual but opposite mechanism: Implication in hepatic iron overload. <i>Free Radical Biology and Medicine</i> , <b>2010</b> , 48, 1492-500                     | 7.8  | 8  |

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| 7 | The glycosyltransferase EXTL2 promotes proteoglycan deposition and injurious neuroinflammation following demyelination. <i>Journal of Neuroinflammation</i> , <b>2020</b> , 17, 220  | 10.1 | 8 |
| 6 | Modulation of steroidogenic enzymes in murine lymphoid organs after immune activation. <i>Immunological Investigations</i> , <b>2009</b> , 38, 14-30   | 2.9  | 3 |
| 5 | Effect of particulate antigenic stimulation or in vivo administration of interleukin-6 on the level of steroidogenic enzymes in adrenal glands and lymphoid tissues of mice with parallel alteration in endogenous inflammatory cytokine level. <i>Cellular Immunology</i> , <b>2010</b> , 261, 23-8 | 4.4  | 3 |
| 4 | Aging-Exacerbated Acute Axon and Myelin Injury Is Associated with Microglia-Derived Reactive Oxygen Species and Is Alleviated by the Generic Medication Indapamide. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 8587-8600   | 6.6  | 3 |
| 3 | Harnessing the Benefits of Neuroinflammation: Generation of Macrophages/Microglia with Prominent Remyelinating Properties. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 3366-3385  | 6.6  | 3 |
| 2 | Quantitative analysis of spinal cord neuropathology in experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , <b>2021</b> , 362, 577777  | 3.5  | 1 |
| 1 | Macrophages and Microglia in Experimental Autoimmune Encephalomyelitis and Multiple Sclerosis <b>2013</b> , 177-195  |      | 1 |