# Yukio Kawahara

List of Publications by Year
in descending order



| 36 | 3,474 | 257450 24 | 330143 37 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 38 | 38 | 38 | 4405 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | RNA Editing in Neurological and Neurodegenerative Disorders. Methods in Molecular Biology, 2021, 2181, 309-330. | 0.9 | 16 |
| 2 | Age-dependent decline in remyelination capacity is mediated by apelinâ€“APJ signaling. Nature Aging, 2021, 1, 284-294. | 11.6 | 18 |
| 3 | RNA editing at a limited number of sites is sufficient to prevent MDA5 activation in the mouse brain. PLoS Genetics, 2021, 17, e1009516. | 3.5 | 42 |
| 4 | Dimethylarginine dimethylaminohydrolase 1 as a novel regulator of oligodendrocyte differentiation in the central nervous system remyelination. Glia, 2021, 69, 2591-2604. | 4.9 | 4 |
| 5 | Mutations in the adenosine deaminase ADAR1 that prevent endogenous Z-RNA binding induce Aicardi-GoutiÃ¨res-syndrome-like encephalopathy. Immunity, 2021, 54, 1976-1988.e7. | 14.3 | 56 |
| 6 | Deciphering the Biological Significance of ADAR1â€“Z-RNA Interactions. International Journal of Molecular Sciences, 2021, 22, 11435. | 4.1 | 15 |
| 7 | An Aicardi-GoutiÃ¨res Syndromeâ€“Causative Point Mutation in Adar1 Gene Invokes Multiorgan Inflammation and Late-Onset Encephalopathy in Mice. Journal of Immunology, 2021, 207, 3016-3027. | 0.8 | 11 |
| 8 | ADAR1 Regulates Early T Cell Development via MDA5-Dependent and -Independent Pathways. Journal of Immunology, 2020, 204, 2156-2168. | 0.8 | 17 |
| 9 | A comparative analysis of ADAR mutant mice reveals site-specific regulation of RNA editing. Rna, 2020, 26, 454-469. | 3.5 | 38 |
| 10 | Adenosine-to-inosine RNA editing in the immune system: friend or foe?. Cellular and Molecular Life Sciences, 2020, 77, 2931-2948. | 5.4 | 31 |
| 11 | Bivartect: accurate and memory-saving breakpoint detection by direct read comparison. Bioinformatics, 2020, 36, 2725-2730. | 4.1 | 3 |
| 12 | <scp>ADAR</scp> 1â€mediated <scp>RNA</scp> editing is required for thymic selfâ€tolerance and inhibition of autoimmunity. EMBO Reports, 2018, 19, . | 4.5 | 47 |
| 13 | Quantification of methylation efficiency at a specific N6-methyladenosine position in rRNA by using BNA probes. Chemical Communications, 2018, 54, 9627-9630. | 4.1 | 2 |
| 14 | Myotube-derived factor promotes oligodendrocyte precursor cell proliferation. Biochemical and Biophysical Research Communications, 2018, 500, 609-613. | 2.1 | 3 |
| 15 | Matrin3 binds directly to intronic pyrimidineâ€rich sequences and controls alternative splicing. Genes To Cells, 2017, 22, 785-798. | 1.2 | 38 |
| 16 | RNA editing independently occurs at three mir-376a-1 sites and may compromise the stability of the microRNA hairpin. Gene, 2017, 628, 109-116. | 2.2 | 4 |
| 17 | The RNA-binding protein MARF1 promotes cortical neurogenesis through its RNase activity domain. Scientific Reports, 2017, 7, 1155. | 3.3 | 11 |
| 18 | CAPS1 RNA Editing Promotes Dense Core Vesicle Exocytosis. Cell Reports, 2016, 17, 2004-2014. | 6.4 | 33 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The cleavage pattern of TDP-43 determines its rate of clearance and cytotoxicity. Nature Communications, 2015, 6, 6183. | 12.8 | 85 |
| 20 | Human diseases caused by germline and somatic abnormalities in microRNA and microRNAâ€related genes. Congenital Anomalies (discontinued), 2014, 54, 12-21. | 0.6 | 36 |
| 21 | Direct Binding of Ataxin-2 to Distinct Elements in 3â€² UTRs Promotes mRNA Stability and Protein Expression. Molecular Cell, 2014, 55, 186-198. | 9.7 | 124 |
| 22 | Aryl hydrocarbon receptor-mediated induction of the microRNA-132/212 cluster promotes interleukin-17â€“producing T-helper cell differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11964-11969. | 7.1 | 115 |
| 23 | TDP-43 promotes microRNA biogenesis as a component of the Drosha and Dicer complexes. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3347-3352. | 7.1 | 366 |
| 24 | Quantification of adenosine-to-inosine editing of microRNAs using a conventional method. Nature Protocols, 2012, 7, 1426-1437. | 12.0 | 27 |
| 25 | Functional relevance of serotonin 2C receptor mRNA editing in antidepressant- and anxiety-like behaviors. Neuropharmacology, 2010, 59, 468-473. | 4.1 | 50 |
| 26 | Dysregulated Editing of Serotonin 2C Receptor mRNAs Results in Energy Dissipation and Loss of Fat Mass. Journal of Neuroscience, 2008, 28, 12834-12844. | 3.6 | 103 |
| 27 | Frequency and fate of microRNA editing in human brain. Nucleic Acids Research, 2008, 36, 5270-5280. | 14.5 | 298 |
| 28 | Redirection of Silencing Targets by Adenosine-to-Inosine Editing of miRNAs. Science, 2007, 315, 1137-1140. | 12.6 | 722 |
| 29 | RNA editing of the microRNAâ€151 precursor blocks cleavage by the Dicerâ€“TRBP complex. EMBO Reports, 2007, 8, 763-769. | 4.5 | 350 |
| 30 | Underediting of GluR2 mRNA, a neuronal death inducing molecular change in sporadic ALS, does not occur in motor neurons in ALS1 or SBMA. Neuroscience Research, 2006, 54, 11-14. | 1.9 | 59 |
| 31 | Novel splice variants of human ADAR2 mRNA: Skipping of the exon encoding the dsRNA-binding domains, and multiple C-terminal splice sites. Gene, 2005, 363, 193-201. | 2.2 | 37 |
| 32 | Regulation of glutamate receptor RNA editing and ADAR mRNA expression in developing human normal and Down's syndrome brains. Developmental Brain Research, 2004, 148, 151-155. | 1.7 | 38 |
| 33 | RNA editing and death of motor neurons. Nature, 2004, 427, 801-801. | 27.8 | 479 |
| 34 | GluR4c, an alternative splicing isoform of GluR4, is abundantly expressed in the adult human brain. Molecular Brain Research, 2004, 127, 150-155. | 2.3 | 16 |
| 35 | Human spinal motoneurons express low relative abundance of GluR2 mRNA: an implication for excitotoxicity in ALS. Journal of Neurochemistry, 2003, 85, 680-689. | 3.9 | 111 |
| 36 | Low editing efficiency of GluR2 mRNA is associated with a low relative abundance of ADAR2 mRNA in white matter of normal human brain. European Journal of Neuroscience, 2003, 18, 23-33. | 2.6 | 65 |