# Karen R Jansen-West

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2986206/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 38 papers | 4,937 citations | 218677 26 h-index | 330143 37 g-index |
| 42 all docs | 42 docs citations | 42 times ranked | 5202 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Unconventional Translation of C9ORF72 GGGGCC Expansion Generates Insoluble Polypeptides Specific to c9FTD/ALS. Neuron, 2013, 77, 639-646. | 8.1 | 962 |
| 2 | Antisense transcripts of the expanded C9ORF72 hexanucleotide repeat form nuclear RNA foci and undergo repeat-associated non-ATG translation in c9FTD/ALS. Acta Neuropathologica, 2013, 126, 829-844. | 7.7 | 506 |
| 3 | C9ORF72 repeat expansions in mice cause TDP-43 pathology, neuronal loss, and behavioral deficits. Science, 2015, 348, 1151-1154. | 12.6 | 332 |
| 4 | Discovery of a Biomarker and Lead Small Molecules to Target r(GGGGCC)-Associated Defects in c9FTD/ALS. Neuron, 2014, 83, 1043-1050. | 8.1 | 289 |
| 5 | C9ORF72 poly(GA) aggregates sequester and impair HR23 and nucleocytoplasmic transport proteins. Nature Neuroscience, 2016, 19, 668-677. | 14.8 | 268 |
| 6 | Interaction of tau with the RNA-Binding Protein TIA1 Regulates tau Pathophysiology and Toxicity. Cell Reports, 2016, 15, 1455-1466. | 6.4 | 260 |
| 7 | Poly(GR) impairs protein translation and stress granule dynamics in C9orf72-associated frontotemporal dementia and amyotrophic lateral sclerosis. Nature Medicine, 2018, 24, 1136-1142. | 30.7 | 241 |
| 8 | TDP-43 represses cryptic exon inclusion in the FTDâ€“ALS gene UNC13A. Nature, 2022, 603, 124-130. | 27.8 | 193 |
| 9 | Heterochromatin anomalies and double-stranded RNA accumulation underlie C9orf72 poly(PR) toxicity. Science, 2019, 363, . | 12.6 | 181 |
| 10 | Poly(GP) proteins are a useful pharmacodynamic marker for C9ORF72 -associated amyotrophic lateral sclerosis. Science Translational Medicine, 2017, 9, . | 12.4 | 179 |
| 11 | CUG initiation and frameshifting enable production of dipeptide repeat proteins from ALS/FTD C9ORF72 transcripts. Nature Communications, 2018, 9, 152. | 12.8 | 123 |
| 12 | Systematic analysis of dark and camouflaged genes reveals disease-relevant genes hiding in plain sight. Genome Biology, 2019, 20, 97. | 8.8 | 122 |
| 13 | Truncated stathmin-2 is a marker of TDP-43 pathology in frontotemporal dementia. Journal of Clinical Investigation, 2020, 130, 6080-6092. | 8.2 | 117 |
| 14 | Spt4 selectively regulates the expression of C9orf72 sense and antisense mutant transcripts. Science, 2016, 353, 708-712. | 12.6 | 116 |
| 15 | C9orf72 poly(GR) aggregation induces TDP-43 proteinopathy. Science Translational Medicine, 2020, 12, . | 12.4 | 115 |
| 16 | Long-read sequencing across the C9orf72 â€˜GGGGCCâ€™ repeat expansion: implications for clinical use and genetic discovery efforts in human disease. Molecular Neurodegeneration, 2018, 13, 46. | 10.8 | 111 |
| 17 | Aberrant deposition of stress granule-resident proteins linked to C9orf72-associated TDP-43 proteinopathy. Molecular Neurodegeneration, 2019, 14, 9. | 10.8 | 111 |
| 18 | Repetitive element transcripts are elevated in the brain of C9orf72 ALS/FTLD patients. Human Molecular Genetics, 2017, 26, 3421-3431. | 2.9 | 101 |

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|---|---|---|---|
| 19 | Misregulation of human sortilin splicing leads to the generation of a nonfunctional progranulin receptor. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21510-21515. | 7.1 | 82 |
| 20 | TDP-43 functions within a network of hnRNP proteins to inhibit the production of a truncated human SORT1 receptor. Human Molecular Genetics, 2016, 25, 534-545. | 2.9 | 70 |
| 21 | Serum neurofilament light protein correlates with unfavorable clinical outcomes in hospitalized patients with COVID-19. Science Translational Medicine, 2021, 13, . | 12.4 | 67 |
| 22 | Plasma neurofilament light predicts mortality in patients with stroke. Science Translational Medicine, 2020, 12, . | 12.4 | 51 |
| 23 | Chimeric Peptide Species Contribute to Divergent Dipeptide Repeat Pathology in c9ALS/FTD and SCA36. Neuron, 2020, 107, 292-305.e6. | 8.1 | 51 |
| 24 | Conserved DNA methylation combined with differential frontal cortex and cerebellar expression distinguishes C9orf72-associated and sporadic ALS, and implicates SERPINA1 in disease. Acta Neuropathologica, 2017, 134, 715-728. | 7.7 | 40 |
| 25 | Hexanucleotide Repeat Expansions in c9FTD/ALS and SCA36 Confer Selective Patterns of Neurodegeneration InÂVivo. Cell Reports, 2020, 31, 107616. | 6.4 | 37 |
| 26 | Toward allele-specific targeting therapy and pharmacodynamic marker for spinocerebellar ataxia type 3. Science Translational Medicine, 2020, 12, . | 12.4 | 32 |
| 27 | Tau exhibits unique seeding properties in globular glial tauopathy. Acta Neuropathologica Communications, 2019, 7, 36. | 5.2 | 28 |
| 28 | Astrocyte-derived clusterin suppresses amyloid formation in vivo. Molecular Neurodegeneration, 2020, 15, 71. | 10.8 | 26 |
| 29 | Tau and neurofilament lightâ€chain as fluid biomarkers in spinocerebellar ataxia type 3. European Journal of Neurology, 2022, 29, 2439-2452. | 3.3 | 25 |
| 30 | Clusterin ameliorates tau pathology in vivo by inhibiting fibril formation. Acta Neuropathologica Communications, 2020, 8, 210. | 5.2 | 24 |
| 31 | Premature termination codon readthrough upregulates progranulin expression and improves lysosomal function in preclinical models of GRN deficiency. Molecular Neurodegeneration, 2020, 15, 21. | 10.8 | 19 |
| 32 | Abnormal expression of homeobox genes and transthyretin in C9ORF72 expansion carriers. Neurology: Genetics, 2017, 3, e161. | 1.9 | 12 |
| 33 | Urine levels of the polyglutamine ataxin-3 protein are elevated in patients with spinocerebellar ataxia type 3. Parkinsonism and Related Disorders, 2021, 89, 151-154. | 2.2 | 9 |
| 34 | TRIO gene segregation in a family with cerebellar ataxia. Neurologia I Neurochirurgia Polska, 2018, 52, 743-749. | 1.2 | 5 |
| 35 | Plasma PolyQ-ATXN3 Levels Associate With Cerebellar Degeneration and Behavioral Abnormalities in a New AAV-Based SCA3 Mouse Model. Frontiers in Cell and Developmental Biology, 2022, 10, 863089. | 3.7 | 5 |
| 36 | HDAC6 Interacts With Poly (GA) and Modulates its Accumulation in c9FTD/ALS. Frontiers in Cell and Developmental Biology, 2021, 9, 809942. | 3.7 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | AÃŸ40 displays amyloidogenic properties in the non-transgenic mouse brain but does not exacerbate AÃŸ42 toxicity in Drosophila. Alzheimer's Research and Therapy, 2020, 12, 132. | 6.2 | 3 |
| 38 | Comment on: ‹scp›Polyglutamineâ€Expanded‹/scp› Ataxinâ€3: A Target Engagement Marker for Spinocerebellar Ataxia Type 3 in Peripheral Blood. Movement Disorders, 2022, 37, 1120-1121. | 3.9 | 0 |