

# Daniel R Whiten

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6153622/publications.pdf>

Version: 2024-02-01

19  
papers

1,104  
citations

840776

11  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1886  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Single cell morphology distinguishes genotype and drug effect in Hereditary Spastic Paraplegia. <i>Scientific Reports</i> , 2021, 11, 16635.   | 3.3  | 10        |
| 2  | Alpha Synuclein only Forms Fibrils In Vitro when Larger than its Critical Size of 70 Monomers. <i>ChemBioChem</i> , 2021, 22, 2867-2871.   | 2.6  | 10        |
| 3  | A Platform for Site-Specific DNA-Antibody Bioconjugation by Using Benzoylacrylic-Labelled Oligonucleotides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25905-25913.  | 13.8 | 15        |
| 4  | PINK1 signalling in neurodegenerative disease. <i>Essays in Biochemistry</i> , 2021, 65, 913-923.  | 4.7  | 6         |
| 5  | Neuroserpin and transthyretin are extracellular chaperones that preferentially inhibit amyloid formation. <i>Science Advances</i> , 2021, 7, eabf7606.   | 10.3 | 10        |
| 6  | Tumour necrosis factor induces increased production of extracellular amyloid- $\beta^2$ - and $\beta^1$ -synuclein-containing aggregates by human Alzheimer's disease neurons. <i>Brain Communications</i> , 2020, 2, fcaa146. | 3.3  | 14        |
| 7  | Soluble aggregates present in cerebrospinal fluid change in size and mechanism of toxicity during Alzheimer's disease progression. <i>Acta Neuropathologica Communications</i> , 2019, 7, 120.                                 | 5.2  | 64        |
| 8  | Secondary nucleation and elongation occur at different sites on Alzheimer's amyloid- $\beta^2$ aggregates. <i>Science Advances</i> , 2019, 5, eaau3112.  | 10.3 | 127       |
| 9  | Different soluble aggregates of A $\beta^{242}$ can give rise to cellular toxicity through different mechanisms. <i>Nature Communications</i> , 2019, 10, 1541.  | 12.8 | 140       |
| 10 | Shedding light on aberrant interactions – a review of modern tools for studying protein aggregates. <i>FEBS Journal</i> , 2018, 285, 3604-3630.  | 4.7  | 10        |
| 11 | The small heat shock protein Hsp27 binds $\beta^1$ -synuclein fibrils, preventing elongation and cytotoxicity. <i>Journal of Biological Chemistry</i> , 2018, 293, 4486-4497.  | 3.4  | 97        |
| 12 | Quantifying Co-Oligomer Formation by $\beta^1$ -Synuclein. <i>ACS Nano</i> , 2018, 12, 10855-10866.  | 14.6 | 38        |
| 13 | Nanoscope Characterisation of Individual Endogenous Protein Aggregates in Human Neuronal Cells. <i>ChemBioChem</i> , 2018, 19, 2033-2038.  | 2.6  | 52        |
| 14 | $\beta^1$ -synuclein oligomers interact with ATP synthase and open the permeability transition pore in Parkinson's disease. <i>Nature Communications</i> , 2018, 9, 2293.  | 12.8 | 351       |
| 15 | Single-Molecule Characterization of the Interactions between Extracellular Chaperones and Toxic $\beta^1$ -Synuclein Oligomers. <i>Cell Reports</i> , 2018, 23, 3492-3500.   | 6.4  | 59        |
| 16 | Flow cytometric measurement of the cellular propagation of TDP-43 aggregation. <i>Prion</i> , 2017, 11, 195-204.   | 1.8  | 32        |
| 17 | Inhibiting the Ca <sup>2+</sup> Influx Induced by Human CSF. <i>Cell Reports</i> , 2017, 21, 3310-3316.  | 6.4  | 20        |
| 18 | Clusterin protects neurons against intracellular proteotoxicity. <i>Acta Neuropathologica Communications</i> , 2017, 5, 81.  | 5.2  | 47        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | A Platform for Site-Specific DNA-Antibody Bioconjugation by Using Benzoylacrylic-Labelled Oligonucleotides. <i>Angewandte Chemie</i> , 0, , . | 2.0 | 2         |