

# Vidhya Bharathi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5856884/publications.pdf>

Version: 2024-02-01

10  
papers

582  
citations

1478280

6  
h-index

1474057

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

870  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | TDP-43 proteinopathy mechanisms from non-mammalian model systems. , 2022, , 153-181.  |     | 0         |
| 2  | Elevated constitutive expression of Hsp40 chaperone Sis1 reduces TDP-43 aggregation-induced oxidative stress in Ire1 pathway dependent-manner in yeast TDP-43 proteinopathy model of amyotrophic lateral sclerosis. Biochemical and Biophysical Research Communications, 2022, 595, 28-34.            | 1.0 | 5         |
| 3  | Zn <sup>2+</sup> modulates in vitro phase separation of TDP-432C and mutant TDP-432C-A315T C-terminal fragments of TDP-43 protein implicated in ALS and FTLT-TDP diseases. International Journal of Biological Macromolecules, 2021, 176, 186-200.  | 3.6 | 7         |
| 4  | Role of CNC1 gene in TDP-43 aggregation-induced oxidative stress-mediated cell death in <i>S. cerevisiae</i> model of ALS. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118993.   | 1.9 | 11        |
| 5  | Amyloid-like aggregation of bovine serum albumin at physiological temperature induced by cross-seeding effect of HEWL amyloid aggregates. Biophysical Chemistry, 2021, 278, 106678.   | 1.5 | 17        |
| 6  | Computational insights into mechanism of AIM4-mediated inhibition of aggregation of TDP-43 protein implicated in ALS and evidence for in vitro inhibition of liquid-liquid phase separation (LLPS) of TDP-432C-A315T by AIM4. International Journal of Biological Macromolecules, 2020, 147, 117-130. | 3.6 | 22        |
| 7  | Molecular Mechanisms of TDP-43 Misfolding and Pathology in Amyotrophic Lateral Sclerosis. Frontiers in Molecular Neuroscience, 2019, 12, 25.  | 1.4 | 459       |
| 8  | The amyloidogenicity of a C-terminal region of TDP-43 implicated in Amyotrophic Lateral Sclerosis can be affected by anions, acetylation and homodimerization. Biochimie, 2018, 150, 76-87.   | 1.3 | 24        |
| 9  | A Protocol of Using White/Red Color Assay to Measure Amyloid-induced Oxidative Stress in <i>Saccharomyces cerevisiae</i> . Bio-protocol, 2017, 7, e2440.  | 0.2 | 6         |
| 10 | Use of <i>ade1</i> and <i>ade2</i> mutations for development of a versatile red/white colour assay of amyloid-induced oxidative stress in <i>saccharomyces cerevisiae</i> . Yeast, 2016, 33, 607-620.   | 0.8 | 31        |