

# Yunpeng Sun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/622737/publications.pdf>

Version: 2024-02-01

14  
papers

649  
citations

687363

13  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

558  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Molecular structure of an amyloid fibril formed by FUS low-complexity domain. <i>IScience</i> , 2022, 25, 103701.  | 4.1  | 19        |
| 2  | SARS-CoV-2 impairs the disassembly of stress granules and promotes ALS-associated amyloid aggregation. <i>Protein and Cell</i> , 2022, 13, 602-614.  | 11.0 | 15        |
| 3  | Generic amyloid fibrillation of TMEM106B in patient with Parkinson's disease dementia and normal elders. <i>Cell Research</i> , 2022, 32, 585-588.   | 12.0 | 23        |
| 4  | The structure of a minimum amyloid fibril core formed by necroptosis-mediating RHIM of human RIPK3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .  | 7.1  | 27        |
| 5  | Wild-type $\alpha$ -synuclein inherits the structure and exacerbated neuropathology of E46K mutant fibril strain by cross-seeding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .           | 7.1  | 24        |
| 6  | Hsp70 chaperones TDP-43 in dynamic, liquid-like phase and prevents it from amyloid aggregation. <i>Cell Research</i> , 2021, 31, 1024-1027.  | 12.0 | 30        |
| 7  | Genetic prion disease-related mutation E196K displays a novel amyloid fibril structure revealed by cryo-EM. <i>Science Advances</i> , 2021, 7, eabg9676.   | 10.3 | 28        |
| 8  | The hereditary mutation G51D unlocks a distinct fibril strain transmissible to wild-type $\alpha$ -synuclein. <i>Nature Communications</i> , 2021, 12, 6252.   | 12.8 | 33        |
| 9  | O-Glycosylation Induces Amyloid- $\beta^2$ To Form New Fibril Polymorphs Vulnerable for Degradation. <i>Journal of the American Chemical Society</i> , 2021, 143, 20216-20223.   | 13.7 | 22        |
| 10 | Parkinson's disease-related phosphorylation at Tyr39 rearranges $\alpha$ -synuclein amyloid fibril structure revealed by cryo-EM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20305-20315. | 7.1  | 113       |
| 11 | The nuclear localization sequence mediates hnRNPA1 amyloid fibril formation revealed by cryoEM structure. <i>Nature Communications</i> , 2020, 11, 6349.   | 12.8 | 33        |
| 12 | Parkinson's disease associated mutation E46K of $\alpha$ -synuclein triggers the formation of a distinct fibril structure. <i>Nature Communications</i> , 2020, 11, 2643.  | 12.8 | 76        |
| 13 | Cryo-EM structure of an amyloid fibril formed by full-length human prion protein. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 598-602.  | 8.2  | 112       |
| 14 | Cryo-EM structure of full-length $\alpha$ -synuclein amyloid fibril with Parkinson's disease familial A53T mutation. <i>Cell Research</i> , 2020, 30, 360-362.   | 12.0 | 94        |