

# Yuru Deng

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

585  
citations

840776

11  
h-index

888059

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g-index

18  
all docs

18  
docs citations

18  
times ranked

631  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Plasmalogen-Based Liquid Crystalline Multiphase Structures Involving Docosapentaenoyl Derivatives Inspired by Biological Cubic Membranes. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 617984.                    | 3.7 | 42        |
| 2  | The Potential Role of Bioactive Plasmalogens in Lung Surfactant. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 618102.   | 3.7 | 21        |
| 3  | Coronavirus-Induced Host Cubic Membranes and Lipid-Related Antiviral Therapies: A Focus on Bioactive Plasmalogens. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 630242.   | 3.7 | 42        |
| 4  | A novel ratiometric and colorimetric chemosensor for highly sensitive, selective and ultrafast tracing of HClO in live cells, bacteria and zebrafish. <i>Analytica Chimica Acta</i> , 2021, 1161, 338472.                          | 5.4 | 12        |
| 5  | Plasmalogen-rich foods promote the formation of cubic membranes in amoeba <i>Chaos</i> under stress conditions. <i>FEBS Open Bio</i> , 2021, 11, 2319-2328.  | 2.3 | 1         |
| 6  | Cubic membrane formation supports cell survival of amoeba <i>Chaos</i> under starvation-induced stress. <i>Protoplasma</i> , 2018, 255, 517-525.   | 2.1 | 10        |
| 7  | Multilayer gyroid cubic membrane organization in green alga <i>Zygnema</i> . <i>Protoplasma</i> , 2017, 254, 1923-1930.  | 2.1 | 10        |
| 8  | Evaluation of radical scavenging system in amoeba <i>Chaos carolinense</i> during nutrient deprivation. <i>Interface Focus</i> , 2017, 7, 20160113.  | 3.0 | 11        |
| 9  | Evolution of cubic membranes as antioxidant defence system. <i>Interface Focus</i> , 2015, 5, 20150012.  | 3.0 | 32        |
| 10 | Isolation of mitochondria with cubic membrane morphology reveals specific ionic requirements for the preservation of membrane structure. <i>Protoplasma</i> , 2015, 252, 689-696.  | 2.1 | 7         |
| 11 | Do viruses subvert cholesterol homeostasis to induce host cubic membranes?. <i>Trends in Cell Biology</i> , 2010, 20, 371-379.   | 7.9 | 55        |
| 12 | The Cubic "Faces" of Biomembranes. <i>Behavior Research Methods</i> , 2010, 12, 79-99.   | 4.0 | 5         |
| 13 | Docosapentaenoic acid (DPA) is a critical determinant of cubic membrane formation in amoeba <i>Chaos</i> mitochondria. <i>FASEB Journal</i> , 2009, 23, 2866-2871.   | 0.5 | 35        |
| 14 | Chapter 6 Cubic Membranes. <i>International Review of Cell and Molecular Biology</i> , 2009, 274, 275-342.   | 3.2 | 119       |
| 15 | Direct template matching reveals a host subcellular membrane gyroid cubic structure that is associated with SARS virus. <i>Redox Report</i> , 2005, 10, 167-171.   | 4.5 | 24        |
| 16 | Fasting induces cyanide-resistant respiration and oxidative stress in the amoeba <i>Chaos carolinensis</i> : implications for the cubic structural transition in mitochondrial membranes. <i>Protoplasma</i> , 2002, 219, 160-167. | 2.1 | 53        |
| 17 | Cubic Membrane Structure in Amoeba ( <i>Chaos carolinensis</i> ) Mitochondria Determined by Electron Microscopic Tomography. <i>Journal of Structural Biology</i> , 1999, 127, 231-239.  | 2.8 | 106       |