

# Sharon Yeoh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6477345/publications.pdf>

Version: 2024-02-01

22  
papers

1,691  
citations

623734

14  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

2252  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Subcellular Discharge of a Serine Protease Mediates Release of Invasive Malaria Parasites from Host Erythrocytes. <i>Cell</i> , 2007, 131, 1072-1083.   | 28.9 | 298       |
| 2  | Identification of proteases that regulate erythrocyte rupture by the malaria parasite <i>Plasmodium falciparum</i> . <i>Nature Chemical Biology</i> , 2008, 4, 203-213.   | 8.0  | 230       |
| 3  | Molecular Identification of a Malaria Merozoite Surface Sheddase. <i>PLoS Pathogens</i> , 2005, 1, e29.   | 4.7  | 182       |
| 4  | EML4-ALK Variants: Biological and Molecular Properties, and the Implications for Patients. <i>Cancers</i> , 2017, 9, 118.   | 3.7  | 147       |
| 5  | Determining the differences in actin binding by human ADF and cofilin 1 Edited by J. Karn. <i>Journal of Molecular Biology</i> , 2002, 315, 911-925.  | 4.2  | 144       |
| 6  | A multifunctional serine protease primes the malaria parasite for red blood cell invasion. <i>EMBO Journal</i> , 2009, 28, 725-735.   | 7.8  | 133       |
| 7  | Uncoupling actin filament fragmentation by cofilin from increased subunit turnover. <i>Journal of Molecular Biology</i> , 2000, 298, 649-661.   | 4.2  | 112       |
| 8  | On the molecular mechanisms of mitotic kinase activation. <i>Open Biology</i> , 2012, 2, 120136.  | 3.6  | 92        |
| 9  | Design of Potent and Selective Hybrid Inhibitors of the Mitotic Kinase Nek2: Structure-Activity Relationship, Structural Biology, and Cellular Activity. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3228-3241. | 6.4  | 59        |
| 10 | <i>Plasmodium falciparum</i> SERA5 plays a non-enzymatic role in the malarial asexual blood-stage lifecycle. <i>Molecular Microbiology</i> , 2015, 96, 368-387.   | 2.5  | 59        |
| 11 | A Kinetic Test Characterizes Kinase Intramolecular and Intermolecular Autophosphorylation Mechanisms. <i>Science Signaling</i> , 2013, 6, ra54.   | 3.6  | 51        |
| 12 | Mechanistic basis of Nek7 activation through Nek9 binding and induced dimerization. <i>Nature Communications</i> , 2015, 6, 8771.   | 12.8 | 43        |
| 13 | Structural features of the protein kinase domain and targeted binding by small-molecule inhibitors. <i>Journal of Biological Chemistry</i> , 2022, 298, 102247.   | 3.4  | 31        |
| 14 | Interaction of ADP-ribosylated actin with actin binding proteins. <i>FEBS Letters</i> , 2001, 508, 131-135.   | 2.8  | 16        |
| 15 | The structural mechanisms that underpin mitotic kinase activation. <i>Biochemical Society Transactions</i> , 2013, 41, 1037-1041.   | 3.4  | 14        |
| 16 | The journey of Zika to the developing brain. <i>Molecular Biology Reports</i> , 2020, 47, 3097-3115.  | 2.3  | 14        |
| 17 | STRUCTURE: Action at the Y-branch. <i>Science</i> , 2001, 294, 1660-1661.   | 12.6 | 13        |
| 18 | Structure-guided design of purine-based probes for selective Nek2 inhibition. <i>Oncotarget</i> , 2017, 8, 19089-19124.   | 1.8  | 13        |

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|----|---|-----|-----------|
| 19 | Nek7 conformational flexibility and inhibitor binding probed through protein engineering of the R-spine. <i>Biochemical Journal</i> , 2020, 477, 1525-1539. | 3.7 | 12        |
| 20 | Molecular Determinants for Subcellular Trafficking of the Malarial Sheddase <scp>PfsUB2</scp>. <i>Traffic</i> , 2013, 14, 1053-1064.                        | 2.7 | 11        |
| 21 | The Ys and wherefores of protein kinase autoinhibition. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 1586-1594.             | 2.3 | 11        |
| 22 | New tools for evaluating protein tyrosine sulfation and carbohydrate sulfation. <i>Biochemical Journal</i> , 2018, 475, 3035-3037.                          | 3.7 | 6         |