

# Simone Reber

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4927039/publications.pdf>

Version: 2024-02-01

15  
papers

565  
citations

933447

10  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

736  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Purification of functional Plasmodium falciparum tubulin allows for the identification of parasite-specific microtubule inhibitors. <i>Current Biology</i> , 2022, 32, 919-926.e6.  | 3.9  | 19        |
| 2  | Volumetric morphometry reveals spindle width as the best predictor of mammalian spindle scaling. <i>Journal of Cell Biology</i> , 2022, 221, .  | 5.2  | 10        |
| 3  | The Xenopus spindle is as dense as the surrounding cytoplasm. <i>Developmental Cell</i> , 2021, 56, 967-975.e5.   | 7.0  | 14        |
| 4  | Affinity Purification of Label-free Tubulins from Xenopus Egg Extracts. <i>STAR Protocols</i> , 2020, 1, 100151.  | 1.2  | 7         |
| 5  | In Vitro Reconstitution and Imaging of Microtubule Dynamics by Fluorescence and Label-free Microscopy. <i>STAR Protocols</i> , 2020, 1, 100177.   | 1.2  | 7         |
| 6  | The effects of proliferation status and cell cycle phase on the responses of single cells to chemotherapy. <i>Molecular Biology of the Cell</i> , 2020, 31, 845-857.  | 2.1  | 29        |
| 7  | Differences in Intrinsic Tubulin Dynamic Properties Contribute to Spindle Length Control in Xenopus Species. <i>Current Biology</i> , 2020, 30, 2184-2190.e5.   | 3.9  | 20        |
| 8  | MTrack: Automated Detection, Tracking, and Analysis of Dynamic Microtubules. <i>Scientific Reports</i> , 2019, 9, 3794.   | 3.3  | 30        |
| 9  | The centrosome protein AKNA regulates neurogenesis via microtubule organization. <i>Nature</i> , 2019, 567, 113-117.  | 27.8 | 67        |
| 10 | Emergent Properties of the Metaphase Spindle. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a015784.   | 5.5  | 40        |
| 11 | Intracellular Scaling Mechanisms. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a019067.   | 5.5  | 42        |
| 12 | One-step purification of assembly-competent tubulin from diverse eukaryotic sources. <i>Molecular Biology of the Cell</i> , 2012, 23, 4393-4401.  | 2.1  | 125       |
| 13 | Isolation of Centrosomes from Cultured Cells. <i>Methods in Molecular Biology</i> , 2011, 777, 107-116.   | 0.9  | 10        |
| 14 | Samurai Sword Sets Spindle Size. <i>Cell</i> , 2011, 147, 1224-1225.  | 28.9 | 1         |
| 15 | XMAP215 polymerase activity is built by combining multiple tubulin-binding TOG domains and a basic lattice-binding region. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2741-2746. | 7.1  | 143       |