

Natacha Olieric

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,073
citations

430874

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580821

25
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docs citations

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times ranked

2502
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Crystallization Systems for the High-Resolution Structural Analysis of Tubulin-Ligand Complexes. <i>Methods in Molecular Biology</i> , 2022, 2430, 349-374. | 0.9 | 3 |
| 2 | A Robust, GFP-Orthogonal Photoswitchable Inhibitor Scaffold Extends Optical Control over the Microtubule Cytoskeleton. <i>Cell Chemical Biology</i> , 2021, 28, 228-241.e6. | 5.2 | 43 |
| 3 | Centriole length control. <i>Current Opinion in Structural Biology</i> , 2021, 66, 89-95. | 5.7 | 13 |
| 4 | Mechanisms of Motor-Independent Membrane Remodeling Driven by Dynamic Microtubules. <i>Current Biology</i> , 2020, 30, 972-987.e12. | 3.9 | 30 |
| 5 | Advances in long-wavelength native phasing at X-ray free-electron lasers. <i>IUCr</i> , 2020, 7, 965-975. | 2.2 | 25 |
| 6 | WDR90 is a centriolar microtubule wall protein important for centriole architecture integrity. <i>ELife</i> , 2020, 9, . | 6.0 | 31 |
| 7 | The mechanism of kinesin inhibition by kinesin-binding protein. <i>ELife</i> , 2020, 9, . | 6.0 | 15 |
| 8 | GEF-H1 Signaling upon Microtubule Destabilization Is Required for Dendritic Cell Activation and Specific Anti-tumor Responses. <i>Cell Reports</i> , 2019, 28, 3367-3380.e8. | 6.4 | 37 |
| 9 | Structure, Thermodynamics, and Kinetics of Plinabulin Binding to Two Tubulin Isoforms. <i>Chem</i> , 2019, 5, 2969-2986. | 11.7 | 33 |
| 10 | Structural basis of tubulin detyrosination by the vasohibin-SVBP enzyme complex. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 571-582. | 8.2 | 42 |
| 11 | Structure-activity relationships, biological evaluation and structural studies of novel pyrrolonaphthoxazepines as antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2019, 162, 290-320. | 5.5 | 31 |
| 12 | Long-wavelength native-SAD phasing: opportunities and challenges. <i>IUCr</i> , 2019, 6, 373-386. | 2.2 | 22 |
| 13 | Cep120 promotes microtubule formation through a unique tubulin binding C2 domain. <i>Journal of Structural Biology</i> , 2018, 203, 62-70. | 2.8 | 10 |
| 14 | CLASP Suppresses Microtubule Catastrophes through a Single TOG Domain. <i>Developmental Cell</i> , 2018, 46, 40-58.e8. | 7.0 | 110 |
| 15 | The multi-subunit GID/CTLH E3 ubiquitin ligase promotes cell proliferation and targets the transcription factor Hbp1 for degradation. <i>ELife</i> , 2018, 7, . | 6.0 | 76 |
| 16 | Sustainable Syntheses of (âˆš)-Jerantines A & E and Structural Characterisation of the Jerantine-Tubulin Complex at the Colchicine Binding Site. <i>Scientific Reports</i> , 2018, 8, 10617. | 3.3 | 10 |
| 17 | Triazolopyrimidines Are Microtubule-Stabilizing Agents that Bind the Vinca Inhibitor Site of Tubulin. <i>Cell Chemical Biology</i> , 2017, 24, 737-750.e6. | 5.2 | 58 |
| 18 | Serial millisecond crystallography for routine room-temperature structure determination at synchrotrons. <i>Nature Communications</i> , 2017, 8, 542. | 12.8 | 203 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Identification of Chlamydomonas Central Core Centriolar Proteins Reveals a Role for Human WDR90 in Ciliogenesis. <i>Current Biology</i> , 2017, 27, 2486-2498.e6. | 3.9 | 53 |
| 20 | Quinolin-6-Yloxyacetamides Are Microtubule Destabilizing Agents That Bind to the Colchicine Site of Tubulin. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1336. | 4.1 | 9 |
| 21 | The Human Centriolar Protein CEP135 Contains a Two-Stranded Coiled-Coil Domain Critical for Microtubule Binding. <i>Structure</i> , 2016, 24, 1358-1371. | 3.3 | 27 |
| 22 | The synthetic diazotamide DZ-2384 has distinct effects on microtubule curvature and dynamics without neurotoxicity. <i>Science Translational Medicine</i> , 2016, 8, 365ra159. | 12.4 | 42 |
| 23 | Structural basis for misregulation of kinesin KIF21A autoinhibition by CFEOM1 disease mutations. <i>Scientific Reports</i> , 2016, 6, 30668. | 3.3 | 26 |
| 24 | Data-collection strategy for challenging native SAD phasing. <i>Acta Crystallographica Section D: Structural Biology</i> , 2016, 72, 421-429. | 2.3 | 42 |
| 25 | Kinesin-Binding Protein Controls Microtubule Dynamics and Cargo Trafficking by Regulating Kinesin Motor Activity. <i>Current Biology</i> , 2016, 26, 849-861. | 3.9 | 82 |