

Giulia Bertolin

List of Publications by Year in descending order

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18
papers

596
citations

933447

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docs citations

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times ranked

3158
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Approaches to monitor ATP levels in living cells: where do we stand?. FEBS Journal, 2022, 289, 7940-7969. | 4.7 | 14 |
| 2 | Mitochondrial transport, partitioning, and quality control at the heart of cell proliferation and fate acquisition. American Journal of Physiology - Cell Physiology, 2022, 322, C311-C325. | 4.6 | 8 |
| 3 | PIM2 kinase has a pivotal role in plasmablast generation and plasma cell survival, opening up novel treatment options in myeloma. Blood, 2022, 139, 2316-2337. | 1.4 | 5 |
| 4 | The NANOTUMOR consortium â€œ Towards the Tumor Cell Atlas. Biology of the Cell, 2021, 113, 272-280. | 2.0 | 1 |
| 5 | Mitochondrial Aurora kinase A induces mitophagy by interacting with MAP1LC3 and Prohibitin 2. Life Science Alliance, 2021, 4, e202000806. | 2.8 | 14 |
| 6 | 3D quantification of autophagy activation and autophagosome-to-mitochondria recruitment in a Drosophila model of Parkinsonâ€™s disease. STAR Protocols, 2021, 2, 100408. | 1.2 | 1 |
| 7 | Quantitative dSTORM superâ€resolution microscopy localizes Aurora kinase A/AURKA in the mitochondrial matrix. Biology of the Cell, 2021, 113, 458-473. | 2.0 | 2 |
| 8 | tdLanYFP, a Yellow, Bright, Photostable, and pH-Insensitive Fluorescent Protein for Live-Cell Imaging and FÃrster Resonance Energy Transfer-Based Sensing Strategies. ACS Sensors, 2021, 6, 3940-3947. | 7.8 | 8 |
| 9 | Engineering of a fluorescent chemogenetic reporter with tunable color for advanced live-cell imaging. Nature Communications, 2021, 12, 6989. | 12.8 | 35 |
| 10 | Insights into the non-mitotic functions of Aurora kinase A: more than just cell division. Cellular and Molecular Life Sciences, 2020, 77, 1031-1047. | 5.4 | 60 |
| 11 | Imaging Mitochondrial Functions: From Fluorescent Dyes to Genetically-Encoded Sensors. Genes, 2020, 11, 125. | 2.4 | 27 |
| 12 | Real-Time Monitoring of Aurora kinase A Activation using Conformational FRET Biosensors in Live Cells. Journal of Visualized Experiments, 2020, , . | 0.3 | 2 |
| 13 | Optimized FRET Pairs and Quantification Approaches To Detect the Activation of Aurora Kinase A at Mitosis. ACS Sensors, 2019, 4, 2018-2027. | 7.8 | 13 |
| 14 | Aurora kinase A localises to mitochondria to control organelle dynamics and energy production. ELife, 2018, 7, . | 6.0 | 63 |
| 15 | A FRET biosensor reveals spatiotemporal activation and functions of aurora kinase A in living cells. Nature Communications, 2016, 7, 12674. | 12.8 | 52 |
| 16 | Parkin maintains mitochondrial levels of the protective Parkinsonâ€™s disease-related enzyme 17-Î² hydroxysteroid dehydrogenase type 10. Cell Death and Differentiation, 2015, 22, 1563-1576. | 11.2 | 33 |
| 17 | Functional interplay between Parkin and Drp1 in mitochondrial fission and clearance. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 2012-2026. | 4.1 | 134 |
| 18 | The TOMM machinery is a molecular switch in PINK1 and PARK2/PARKIN-dependent mitochondrial clearance. Autophagy, 2013, 9, 1801-1817. | 9.1 | 119 |