# Anne Bertolotti

List of Publications by Year
in descending order



| 33 | 7,618 | 304368 22 | 433756 31 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 35 | 35 | 35 | 10584 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | An Overview of Methods for Detecting eIF2Î± Phosphorylation and the Integrated Stress Response. Methods in Molecular Biology, 2022, 2428, 3-18. | 0.4 | 5 |
| 2 | Cellular responses to halofuginone reveal a vulnerability of the GCN2 branch of the integrated stress response. EMBO Journal, 2022, 41, e109985. | 3.5 | 7 |
| 3 | Substrate recognition determinants of human eIF2Î± phosphatases. Open Biology, 2021, 11, 210205. | 1.5 | 4 |
| 4 | Protein Stability Buffers the Cost of Translation Attenuation following eIF2Î± Phosphorylation. Cell Reports, 2020, 32, 108154. | 2.9 | 19 |
| 5 | Potential benefit of manipulating protein quality control systems in neurodegenerative diseases. Current Opinion in Neurobiology, 2020, 61, 125-132. | 2.0 | 22 |
| 6 | Prionâ€like protein aggregates exploit the RHO GTPase to cofilinâ€1 signaling pathway to enter cells. EMBO Journal, 2018, 37, . | 3.5 | 24 |
| 7 | Importance of the subcellular location of protein deposits in neurodegenerative diseases. Current Opinion in Neurobiology, 2018, 51, 127-133. | 2.0 | 15 |
| 8 | The split protein phosphatase system. Biochemical Journal, 2018, 475, 3707-3723. | 1.7 | 45 |
| 9 | Regulation of proteasome assembly and activity in health and disease. Nature Reviews Molecular Cell Biology, 2018, 19, 697-712. | 16.1 | 320 |
| 10 | Target-Based Discovery of an Inhibitor of the Regulatory Phosphatase PPP1R15B. Cell, 2018, 174, 1216-1228.e19. | 13.5 | 103 |
| 11 | Prion Properties of SOD1 in Amyotrophic Lateral Sclerosis and Potential Therapy. Cold Spring Harbor Perspectives in Biology, 2017, 9, a024141. | 2.3 | 29 |
| 12 | Coping with Protein Quality Control Failure. Annual Review of Cell and Developmental Biology, 2017, 33, 439-465. | 4.0 | 65 |
| 13 | Decoding the selectivity of eIF2Î± holophosphatases and PPP1R15A inhibitors. Nature Structural and Molecular Biology, 2017, 24, 708-716. | 3.6 | 76 |
| 14 | qMotor, a set of rules for sensitive, robust and quantitative measurement of motor performance in mice. Nature Protocols, 2017, 12, 1451-1457. | 5.5 | 14 |
| 15 | Decoding the Protein Destruction Code: A Panoramic View. Molecular Cell, 2016, 63, 915-917. | 4.5 | 0 |
| 16 | An evolutionarily conserved pathway controls proteasome homeostasis. Nature, 2016, 536, 184-189. | 13.7 | 167 |
| 17 | Preventing proteostasis diseases by selective inhibition of a phosphatase regulatory subunit. Science, 2015, 348, 239-242. | 6.0 | 358 |
| 18 | Surviving protein quality control catastrophes â€“ from cells to organisms. Journal of Cell Science, 2015, 128, 3861-9. | 1.2 | 51 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | An Inducible Chaperone Adapts Proteasome Assembly to Stress. Molecular Cell, 2014, 55, 566-577. | 4.5 | 67 |
| 20 | Exploiting the selectivity of protein phosphatase 1 for pharmacological intervention. FEBS Journal, 2013, 280, 766-770. | 2.2 | 44 |
| 21 | Propagation and Replication of Misfolded SOD1: Implications for Amyotrophic Lateral Sclerosis. Research and Perspectives in Alzheimer's Disease, 2013, , 115-122. | 0.1 | 0 |
| 22 | Sustained translational repression by eIF2Î±-P mediates prion neurodegeneration. Nature, 2012, 485, 507-511. | 13.7 | 538 |
| 23 | Propagation of the Prion Phenomenon: Beyond the Seeding Principle. Journal of Molecular Biology, 2012, 421, 491-498. | 2.0 | 28 |
| 24 | Failure of Amino Acid Homeostasis Causes Cell Death following Proteasome Inhibition. Molecular Cell, 2012, 48, 242-253. | 4.5 | 264 |
| 25 | Prion-like propagation of mutant superoxide dismutase-1 misfolding in neuronal cells. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3548-3553. | 3.3 | 421 |
| 26 | Selective Inhibition of a Regulatory Subunit of Protein Phosphatase 1 Restores Proteostasis. Science, 2011, 332, 91-94. | 6.0 | 475 |
| 27 | Self-propagation and transmission of misfolded mutant SOD1: Prion or prion-like phenomenon?. Cell Cycle, 2011, 10, 1711-1711. | 1.3 | 22 |
| 28 | Exposure of Hydrophobic Surfaces Initiates Aggregation of Diverse ALS-Causing Superoxide Dismutase-1 Mutants. Journal of Molecular Biology, 2010, 399, 512-525. | 2.0 | 111 |
| 29 | Mapping of the epitope of monoclonal antibody 2B4 to the proline-rich region of human Huntingtin, a region critical for aggregation and toxicity. Biotechnology Journal, 2007, 2, 559-564. | 1.8 | 14 |
| 30 | Critical Role of the Proline-rich Region in Huntingtin for Aggregation and Cytotoxicity in Yeast*. Journal of Biological Chemistry, 2006, 281, 35608-35615. | 1.6 | 118 |
| 31 | Targeting expression of expanded polyglutamine proteins to the endoplasmic reticulum or mitochondria prevents their aggregation. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9648-9653. | 3.3 | 47 |
| 32 | Dynamic interaction of BiP and ER stress transducers in the unfolded-protein response. Nature Cell Biology, 2000, 2, 326-332. | 4.6 | 2,397 |
| 33 | Perk Is Essential for Translational Regulation and Cell Survival during the Unfolded Protein Response. Molecular Cell, 2000, 5, 897-904. | 4.5 | 1,746 |