

Helen R Flynn

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

3,473
citations

257450

24
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395702

33
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41
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41
docs citations

41
times ranked

5467
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Poly(ADP-ribose)â€œDependent Regulation of DNA Repair by the Chromatin Remodeling Enzyme ALC1. <i>Science</i> , 2009, 325, 1240-1243. | 12.6 | 504 |
| 2 | Eco1-Dependent Cohesin Acetylation During Establishment of Sister Chromatid Cohesion. <i>Science</i> , 2008, 321, 563-566. | 12.6 | 453 |
| 3 | Identification of Holliday junction resolvases from humans and yeast. <i>Nature</i> , 2008, 456, 357-361. | 27.8 | 345 |
| 4 | Discovery and Characterization of Small Molecule Inhibitors of the BET Family Bromodomains. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 3827-3838. | 6.4 | 318 |
| 5 | CDK Substrate Phosphorylation and Ordering the Cell Cycle. <i>Cell</i> , 2016, 167, 1750-1761.e16. | 28.9 | 270 |
| 6 | MMS19 Links Cytoplasmic Iron-Sulfur Cluster Assembly to DNA Metabolism. <i>Science</i> , 2012, 337, 243-245. | 12.6 | 208 |
| 7 | CK2 Phospho-Dependent Binding of R2TP Complex to TEL2 Is Essential for mTOR and SMC1 Stability. <i>Molecular Cell</i> , 2010, 39, 839-850. | 9.7 | 175 |
| 8 | Hos1 Deacetylates Smc3 to Close the Cohesin Acetylation Cycle. <i>Molecular Cell</i> , 2010, 39, 677-688. | 9.7 | 109 |
| 9 | Differential control of Eg5-dependent centrosome separation by Plk1 and Cdk1. <i>EMBO Journal</i> , 2011, 30, 2233-2245. | 7.8 | 95 |
| 10 | Global Identification of Multiple Substrates for <i>Plasmodium falciparum</i> SUB1, an Essential Malarial Processing Protease. <i>Infection and Immunity</i> , 2011, 79, 1086-1097. | 2.2 | 82 |
| 11 | Phosphorylation-Dependent PIH1D1 Interactions Define Substrate Specificity of the R2TP Cochaperone Complex. <i>Cell Reports</i> , 2014, 7, 19-26. | 6.4 | 74 |
| 12 | Quantitative Phosphoproteomics Reveals the Signaling Dynamics of Cell-Cycle Kinases in the Fission Yeast <i>Schizosaccharomyces pombe</i> . <i>Cell Reports</i> , 2018, 24, 503-514. | 6.4 | 69 |
| 13 | PolÎ¼ Instability Drives Replication Stress, Abnormal Development, and Tumorigenesis. <i>Molecular Cell</i> , 2018, 70, 707-721.e7. | 9.7 | 69 |
| 14 | Phosphorylation acts positively and negatively to regulate MRTF-A subcellular localisation and activity. <i>ELife</i> , 2016, 5, . | 6.0 | 67 |
| 15 | Functional antibody and T cell immunity following SARS-CoV-2 infection, including by variants of concern, in patients with cancer: the CAPTURE study. <i>Nature Cancer</i> , 2021, 2, 1321-1337. | 13.2 | 66 |
| 16 | Cyclic AMP signalling controls key components of malaria parasite host cell invasion machinery. <i>PLoS Biology</i> , 2019, 17, e3000264. | 5.6 | 64 |
| 17 | Chemical genetic identification of <i>CDKL</i> 5 substrates reveals its role in neuronal microtubule dynamics. <i>EMBO Journal</i> , 2018, 37, . | 7.8 | 57 |
| 18 | Protein expression by a Beijing strain differs from that of another clinical isolate and <i>Mycobacterium tuberculosis</i> H37Rv. <i>Microbiology (United Kingdom)</i> , 2005, 151, 1139-1150. | 1.8 | 56 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Metabolic precision labeling enables selective probing of O-linked <i>N</i> -acetylgalactosamine glycosylation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25293-25301. | 7.1 | 55 |
| 20 | TLR and TNF-R1 activation of the MKK3/MKK6-p38 axis in macrophages is mediated by TPL-2 kinase. Biochemical Journal, 2016, 473, 2845-2861. | 3.7 | 51 |
| 21 | Coordinated action of NSF and PKC regulates GABAB receptor signaling efficacy. EMBO Journal, 2006, 25, 2698-2709. | 7.8 | 43 |
| 22 | Phosphoproteomic identification of ULK substrates reveals VPS15-dependent ULK/VPS34 interplay in the regulation of autophagy. EMBO Journal, 2021, 40, e105985. | 7.8 | 35 |
| 23 | Ca ²⁺ signals critical for egress and gametogenesis in malaria parasites depend on a multipass membrane protein that interacts with PKG. Science Advances, 2021, 7, . | 10.3 | 34 |
| 24 | Juxtamembrane Shedding of Plasmodium falciparum AMA1 Is Sequence Independent and Essential, and Helps Evade Invasion-Inhibitory Antibodies. PLoS Pathogens, 2011, 7, e1002448. | 4.7 | 33 |
| 25 | YAP1/TAZ drives ependymoma-like tumour formation in mice. Nature Communications, 2020, 11, 2380. | 12.8 | 32 |
| 26 | Molecular basis for substrate specificity of the Phactr1/PP1 phosphatase holoenzyme. ELife, 2020, 9, . | 6.0 | 22 |
| 27 | Benefits of Chemical Sugar Modifications Introduced by Click Chemistry for Glycoproteomic Analyses. Journal of the American Society for Mass Spectrometry, 2021, 32, 2366-2375. | 2.8 | 20 |
| 28 | TPL-2 kinase induces phagosome acidification to promote macrophage killing of bacteria. EMBO Journal, 2021, 40, e106188. | 7.8 | 17 |
| 29 | Budding yeast relies on G ₁ cyclin specificity to couple cell cycle progression with morphogenetic development. Science Advances, 2021, 7, . | 10.3 | 16 |
| 30 | Assessing Budding Yeast Phosphoproteome Dynamics in a Time-Resolved Manner using TMT10plex Mass Tag Labeling. STAR Protocols, 2020, 1, 100022. | 1.2 | 7 |
| 31 | Chemical genetic identification of GAK substrates reveals its role in regulating Na ⁺ /K ⁺ -ATPase. Life Science Alliance, 2018, 1, e201800118. | 2.8 | 7 |
| 32 | Nuclear proteasomes carry a constitutive posttranslational modification which derails SDS-PAGE (but not CTAB-PAGE). Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 2222-2228. | 2.3 | 4 |