

# Nerea Osinalde

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

466  
citations

623574

14  
h-index

752573

20  
g-index

31  
all docs

31  
docs citations

31  
times ranked

717  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Interleukin-2 signaling pathway analysis by quantitative phosphoproteomics. <i>Journal of Proteomics</i> , 2011, 75, 177-191.  | 1.2 | 42        |
| 2  | Fundamental constraints in synchronous muscle limit superfast motor control in vertebrates. <i>ELife</i> , 2017, 6, .  | 2.8 | 41        |
| 3  | Nuclear Phosphoproteomic Screen Uncovers ACLY as Mediator of IL-2-induced Proliferation of CD4+ T lymphocytes. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2076-2092.   | 2.5 | 40        |
| 4  | Differential proteomic analysis of endometrial fluid suggests increased inflammation and impaired glucose metabolism in non-implantative IVF cycles and pinpoints PYGB as a putative implantation marker. <i>Human Reproduction</i> , 2018, 33, 1898-1906. | 0.4 | 38        |
| 5  | Phosphoproteomic and Functional Analyses Reveal Sperm-specific Protein Changes Downstream of Kappa Opioid Receptor in Human Spermatozoa. <i>Molecular and Cellular Proteomics</i> , 2019, 18, S118-S131.   | 2.5 | 31        |
| 6  | How to Inactivate Human Ubiquitin E3 Ligases by Mutation. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 39.  | 1.8 | 31        |
| 7  | Quantitative proteomics reveals neuronal ubiquitination of Rngo/Ddi1 and several proteasomal subunits by Ube3a, accounting for the complexity of Angelman syndrome. <i>Human Molecular Genetics</i> , 2018, 27, 1955-1971.                                 | 1.4 | 30        |
| 8  | Simultaneous dissection and comparison of IL-2 and IL-15 signaling pathways by global quantitative phosphoproteomics. <i>Proteomics</i> , 2015, 15, 520-531.   | 1.3 | 22        |
| 9  | Targeted mass spectrometry: An emerging powerful approach to unblock the bottleneck in phosphoproteomics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1055-1056, 29-38.                        | 1.2 | 22        |
| 10 | Guanine Nucleotide Exchange Factor PIX Leads to Activation of the Rac 1 GTPase/Glycogen Phosphorylase Pathway in Interleukin (IL)-2-stimulated T Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 9171-9182.                                     | 1.6 | 19        |
| 11 | Detailed Dissection of UBE3A-Mediated DDI1 Ubiquitination. <i>Frontiers in Physiology</i> , 2019, 10, 534.   | 1.3 | 17        |
| 12 | The Nuclear Protein ALY Binds to and Modulates the Activity of Transcription Factor E2F2. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1087-1098.  | 2.5 | 16        |
| 13 | SILAC-based quantification of changes in protein tyrosine phosphorylation induced by Interleukin-2 (IL-2) and IL-15 in T-lymphocytes. <i>Data in Brief</i> , 2015, 5, 53-58.   | 0.5 | 16        |
| 14 | Cylindromatosis Tumor Suppressor Protein (CYLD) Deubiquitinase is Necessary for Proper Ubiquitination and Degradation of the Epidermal Growth Factor Receptor. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1433-1446.                             | 2.5 | 15        |
| 15 | Impaired proteostasis in rare neurological diseases. <i>Seminars in Cell and Developmental Biology</i> , 2019, 93, 164-177.  | 2.3 | 14        |
| 16 | Neuronal Proteomic Analysis of the Ubiquitinated Substrates of the Disease-Linked E3 Ligases Parkin and Ube3a. <i>BioMed Research International</i> , 2018, 2018, 1-14.  | 0.9 | 12        |
| 17 | SPANX-A/D protein subfamily plays a key role in nuclear organisation, metabolism and flagellar motility of human spermatozoa. <i>Scientific Reports</i> , 2020, 10, 5625.  | 1.6 | 10        |
| 18 | Changes in Gab2 phosphorylation and interaction partners in response to interleukin (IL)-2 stimulation in T-lymphocytes. <i>Scientific Reports</i> , 2016, 6, 23530.   | 1.6 | 9         |

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|----|---|-----|-----------|
| 19 | Detection of E2F-Induced Transcriptional Activity Using a Dual Luciferase Reporter Assay. <i>Methods in Molecular Biology</i> , 2018, 1726, 153-166.  | 0.4 | 7         |
| 20 | NADH dehydrogenase complex $\beta$ 1/21 is overexpressed in incipient metastatic murine colon cancer cells. <i>Oncology Reports</i> , 2019, 41, 742-752.  | 1.2 | 7         |
| 21 | A Proteomic Approach for Systematic Mapping of Substrates of Human Deubiquitinating Enzymes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4851.   | 1.8 | 6         |
| 22 | The ubiquitin ligase Ariadne-1 regulates neurotransmitter release via ubiquitination of NSF. <i>Journal of Biological Chemistry</i> , 2021, 296, 100408.  | 1.6 | 6         |
| 23 | Identification of substrates for human deubiquitinating enzymes (DUBs): An up-to-date review and a case study for neurodevelopmental disorders. <i>Seminars in Cell and Developmental Biology</i> , 2022, 132, 120-131. | 2.3 | 4         |
| 24 | Characterization of Receptor-Associated Protein Complex Assembly in Interleukin (IL)-2- and IL-15-Activated T-Cell Lines. <i>Journal of Proteome Research</i> , 2017, 16, 106-121.                                      | 1.8 | 3         |
| 25 | Mass Spectrometry-Based Characterization of Ub- and UbL-Modified Proteins. <i>Methods in Molecular Biology</i> , 2020, 2051, 265-276.   | 0.4 | 3         |
| 26 | Kappa- opioid receptor regulates human sperm functions via SPANX-A/D protein family. <i>Reproductive Biology</i> , 2020, 20, 300-306.   | 0.9 | 2         |
| 27 | The multifunctional role of SPANX-A/D protein subfamily in the promotion of pro-tumoural processes in human melanoma. <i>Scientific Reports</i> , 2021, 11, 3583.   | 1.6 | 2         |
| 28 | Data on interleukin (IL)-2- and IL-15-dependent changes in IL-2R $\beta$ and IL-2R $\gamma$ complexes. <i>Data in Brief</i> , 2017, 11, 499-506.  | 0.5 | 0         |
| 29 | Data on mass spectrometry-based proteomics for studying the involvement of CYLD in the ubiquitination events downstream of EGFR activation. <i>Data in Brief</i> , 2018, 18, 1856-1863.                                 | 0.5 | 0         |