

Jarrold J Sandow

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

2,610
citations

159585

30
h-index

214800

47
g-index

64
all docs

64
docs citations

64
times ranked

4262
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | TRACEBACK: Testing of Historical Tubo-Ovarian Cancer Patients for Hereditary Risk Genes as a Cancer Prevention Strategy in Family Members. <i>Journal of Clinical Oncology</i> , 2022, , JCO2102108. | 1.6 | 3 |
| 2 | Role of the prorenin receptor in endometrial cancer cell growth. <i>Oncotarget</i> , 2022, 13, 587-599. | 1.8 | 8 |
| 3 | Tankyrase-mediated ADP-ribosylation is a regulator of TNF-induced death. <i>Science Advances</i> , 2022, 8, eabh2332. | 10.3 | 9 |
| 4 | Ubiquitylation of RIPK3 beyond-the-RHIM can limit RIPK3 activity and cell death. <i>IScience</i> , 2022, 25, 104632. | 4.1 | 3 |
| 5 | Human RIPK3 C-lobe phosphorylation is essential for necroptotic signaling. <i>Cell Death and Disease</i> , 2022, 13, . | 6.3 | 9 |
| 6 | Cp1/cathepsin L is required for autolysosomal clearance in <i>Drosophila</i> . <i>Autophagy</i> , 2021, 17, 2734-2749. | 9.1 | 9 |
| 7 | Refined cut-off for TP53 immunohistochemistry improves prediction of TP53 mutation status in ovarian mucinous tumors: implications for outcome analyses. <i>Modern Pathology</i> , 2021, 34, 194-206. | 5.5 | 21 |
| 8 | Phosphorylation by Aurora B kinase regulates caspase-2 activity and function. <i>Cell Death and Differentiation</i> , 2021, 28, 349-366. | 11.2 | 18 |
| 9 | The search for RNA-binding proteins: a technical and interdisciplinary challenge. <i>Biochemical Society Transactions</i> , 2021, 49, 393-403. | 3.4 | 10 |
| 10 | The regulation of necroptosis by post-translational modifications. <i>Cell Death and Differentiation</i> , 2021, 28, 861-883. | 11.2 | 70 |
| 11 | DPP4 Inhibitor Sitagliptin Enhances Lymphocyte Recruitment and Prolongs Survival in a Syngeneic Ovarian Cancer Mouse Model. <i>Cancers</i> , 2021, 13, 487. | 3.7 | 16 |
| 12 | Granulovirus PK-1 kinase activity relies on a side-to-side dimerization mode centered on the regulatory β -C helix. <i>Nature Communications</i> , 2021, 12, 1002. | 12.8 | 7 |
| 13 | Conformational interconversion of MLKL and disengagement from RIPK3 precede cell death by necroptosis. <i>Nature Communications</i> , 2021, 12, 2211. | 12.8 | 56 |
| 14 | Targeting histone acetylation dynamics and oncogenic transcription by catalytic P300/CBP inhibition. <i>Molecular Cell</i> , 2021, 81, 2183-2200.e13. | 9.7 | 59 |
| 15 | CDK4/6 Inhibition Promotes Antitumor Immunity through the Induction of T-cell Memory. <i>Cancer Discovery</i> , 2021, 11, 2582-2601. | 9.4 | 62 |
| 16 | Active Ratio Test (ART) as a Novel Diagnostic for Ovarian Cancer. <i>Diagnostics</i> , 2021, 11, 1048. | 2.6 | 5 |
| 17 | The PP2A-Integrator-CDK9 axis fine-tunes transcription and can be targeted therapeutically in cancer. <i>Cell</i> , 2021, 184, 3143-3162.e32. | 28.9 | 103 |
| 18 | Mapping Epitopes Recognised by Autoantibodies Shows Potential for the Diagnosis of High-Grade Serous Ovarian Cancer and Monitoring Response to Therapy for This Malignancy. <i>Cancers</i> , 2021, 13, 4201. | 3.7 | 1 |

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|----|--|------|-----------|
| 19 | Multimodal regulation of encystation in <i>Giardia duodenalis</i> revealed by deep proteomics. <i>International Journal for Parasitology</i> , 2021, 51, 809-824. | 3.1 | 7 |
| 20 | The intracellular domains of the EphB6 and EphA10 receptor tyrosine pseudokinases function as dynamic signalling hubs. <i>Biochemical Journal</i> , 2021, 478, 3351-3371. | 3.7 | 6 |
| 21 | Chemoresistance is mediated by ovarian cancer leader cells in vitro. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 276. | 8.6 | 5 |
| 22 | Dynamic reconfiguration of proapoptotic BAK on membranes. <i>EMBO Journal</i> , 2021, 40, e107237. | 7.8 | 20 |
| 23 | Diagnostic Value of Plasma Annexin A2 in Early-Stage High-Grade Serous Ovarian Cancer. <i>Diagnostics</i> , 2021, 11, 69. | 2.6 | 5 |
| 24 | Human RIPK3 maintains MLKL in an inactive conformation prior to cell death by necroptosis. <i>Nature Communications</i> , 2021, 12, 6783. | 12.8 | 47 |
| 25 | Therapeutic options for mucinous ovarian carcinoma. <i>Gynecologic Oncology</i> , 2020, 156, 552-560. | 1.4 | 49 |
| 26 | Ovarian Blood Sampling Identifies Junction Plakoglobin as a Novel Biomarker of Early Ovarian Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 1767. | 2.8 | 7 |
| 27 | BAK core dimers bind lipids and can be bridged by them. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 1024-1031. | 8.2 | 49 |
| 28 | Crystal structure of the hinge domain of Smchd1 reveals its dimerization mode and nucleic acid-binding residues. <i>Science Signaling</i> , 2020, 13, . | 3.6 | 12 |
| 29 | Distinct pseudokinase domain conformations underlie divergent activation mechanisms among vertebrate MLKL orthologues. <i>Nature Communications</i> , 2020, 11, 3060. | 12.8 | 47 |
| 30 | Identification of MLKL membrane translocation as a checkpoint in necroptotic cell death using Monobodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8468-8475. | 7.1 | 64 |
| 31 | How IGF-II Binds to the Human Type 1 Insulin-like Growth Factor Receptor. <i>Structure</i> , 2020, 28, 786-798.e6. | 3.3 | 36 |
| 32 | Pre-operative sera interleukin-6 in the diagnosis of high-grade serous ovarian cancer. <i>Scientific Reports</i> , 2020, 10, 2213. | 3.3 | 37 |
| 33 | ROCK-mediated selective activation of PERK signalling causes fibroblast reprogramming and tumour progression through a CRELD2-dependent mechanism. <i>Nature Cell Biology</i> , 2020, 22, 882-895. | 10.3 | 47 |
| 34 | Identification of novel interacting partners of the NEDD4 ubiquitin ligase in mouse testis. <i>Journal of Proteomics</i> , 2020, 223, 103830. | 2.4 | 2 |
| 35 | Keratin-14 (KRT14) Positive Leader Cells Mediate Mesothelial Clearance and Invasion by Ovarian Cancer Cells. <i>Cancers</i> , 2019, 11, 1228. | 3.7 | 39 |
| 36 | The molecular origin and taxonomy of mucinous ovarian carcinoma. <i>Nature Communications</i> , 2019, 10, 3935. | 12.8 | 110 |

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|----|--|------|-----------|
| 37 | Viral MLKL Homologs Subvert Necroptotic Cell Death by Sequestering Cellular RIPK3. <i>Cell Reports</i> , 2019, 28, 3309-3319.e5. | 6.4 | 83 |
| 38 | A small molecule interacts with VDAC2 to block mouse BAK-driven apoptosis. <i>Nature Chemical Biology</i> , 2019, 15, 1057-1066. | 8.0 | 30 |
| 39 | BAX Activation: Mutations Near Its Proposed Non-canonical BH3 Binding Site Reveal Allosteric Changes Controlling Mitochondrial Association. <i>Cell Reports</i> , 2019, 27, 359-373.e6. | 6.4 | 31 |
| 40 | Enzymatic Characterization of Wild-Type and Mutant Janus Kinase 1. <i>Cancers</i> , 2019, 11, 1701. | 3.7 | 10 |
| 41 | Parkin inhibits BAK and BAX apoptotic function by distinct mechanisms during mitophagy. <i>EMBO Journal</i> , 2019, 38, . | 7.8 | 66 |
| 42 | Non-Invasive Fluorescent Monitoring of Ovarian Cancer in an Immunocompetent Mouse Model. <i>Cancers</i> , 2019, 11, 32. | 3.7 | 16 |
| 43 | Discovery and Validation of Novel Protein Biomarkers in Ovarian Cancer Patient Urine. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1700135. | 1.6 | 37 |
| 44 | Role of the \hat{I}^2 Common (\hat{I}^2c) Family of Cytokines in Health and Disease. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018, 10, a028514. | 5.5 | 28 |
| 45 | Necroptotic signaling is primed in <i>Mycobacterium tuberculosis</i> -infected macrophages, but its pathophysiological consequence in disease is restricted. <i>Cell Death and Differentiation</i> , 2018, 25, 951-965. | 11.2 | 72 |
| 46 | Role of salt bridges in the dimer interface of 14-3-3 \hat{I}^1 in dimer dynamics, N-terminal \hat{I}^1 -helical order, and molecular chaperone activity. <i>Journal of Biological Chemistry</i> , 2018, 293, 89-99. | 3.4 | 17 |
| 47 | VDAC2 enables BAX to mediate apoptosis and limit tumor development. <i>Nature Communications</i> , 2018, 9, 4976. | 12.8 | 110 |
| 48 | Sperm Protein 17 Expression by Murine Epithelial Ovarian Cancer Cells and Its Impact on Tumor Progression. <i>Cancers</i> , 2018, 10, 276. | 3.7 | 11 |
| 49 | Ensemble Properties of Bax Determine Its Function. <i>Structure</i> , 2018, 26, 1346-1359.e5. | 3.3 | 34 |
| 50 | Conformational switching of the pseudokinase domain promotes human MLKL tetramerization and cell death by necroptosis. <i>Nature Communications</i> , 2018, 9, 2422. | 12.8 | 154 |
| 51 | New Trends in Anti-Cancer Therapy: Combining Conventional Chemotherapeutics with Novel Immunomodulators. <i>Current Medicinal Chemistry</i> , 2018, 25, 4758-4784. | 2.4 | 14 |
| 52 | Quantitative proteomic analysis of EZH2 inhibition in acute myeloid leukemia reveals the targets and pathways that precede the induction of cell death. <i>Proteomics - Clinical Applications</i> , 2017, 11, 1700013. | 1.6 | 5 |
| 53 | Interleukin 6 Present in Inflammatory Ascites from Advanced Epithelial Ovarian Cancer Patients Promotes Tumor Necrosis Factor Receptor 2-Expressing Regulatory T Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1482. | 4.8 | 53 |
| 54 | Total PC Activity Is Increased in Uterine Lavage of Post-Menopausal Endometrial but Not Ovarian Cancer Patients. <i>Journal of Cancer</i> , 2016, 7, 1812-1814. | 2.5 | 3 |

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|----|--|------|-----------|
| 55 | Mapping the testicular interstitial fluid proteome from normal rats. <i>Proteomics</i> , 2016, 16, 2391-2402. | 2.2 | 14 |
| 56 | Mutational landscape of mucinous ovarian carcinoma and its neoplastic precursors. <i>Genome Medicine</i> , 2015, 7, 87. | 8.2 | 126 |
| 57 | Identification of novel dipeptidyl peptidase 9 substrates by two-dimensional differential in-gel electrophoresis. <i>FEBS Journal</i> , 2015, 282, 3737-3757. | 4.7 | 51 |
| 58 | Molecular profiling of low grade serous ovarian tumours identifies novel candidate driver genes. <i>Oncotarget</i> , 2015, 6, 37663-37677. | 1.8 | 142 |
| 59 | A RIPK2 inhibitor delays NOD signalling events yet prevents inflammatory cytokine production. <i>Nature Communications</i> , 2015, 6, 6442. | 12.8 | 112 |
| 60 | The molecular relationships between apoptosis, autophagy and necroptosis. <i>Seminars in Cell and Developmental Biology</i> , 2015, 39, 63-69. | 5.0 | 142 |
| 61 | The utility of isotope-coded protein labeling for prioritization of proteins found in ovarian cancer patient urine. <i>Journal of Proteome Research</i> , 2013, 12, 4074-4088. | 3.7 | 21 |
| 62 | Post-Translational Modifications and Protein-Specific Isoforms in Endometriosis Revealed by 2D DIGE. <i>Journal of Proteome Research</i> , 2010, 9, 2438-2449. | 3.7 | 76 |