

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	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
2	Molecular profiling of low grade serous ovarian tumours identifies novel candidate driver genes. <i>Oncotarget</i> , 2015, 6, 37663-37677.	1.8	142
3	The molecular relationships between apoptosis, autophagy and necroptosis. <i>Seminars in Cell and Developmental Biology</i> , 2015, 39, 63-69.	5.0	142
4	Mutational landscape of mucinous ovarian carcinoma and its neoplastic precursors. <i>Genome Medicine</i> , 2015, 7, 87.	8.2	126
5	A RIPK2 inhibitor delays NOD signalling events yet prevents inflammatory cytokine production. <i>Nature Communications</i> , 2015, 6, 6442.	12.8	112
6	VDAC2 enables BAX to mediate apoptosis and limit tumor development. <i>Nature Communications</i> , 2018, 9, 4976.	12.8	110
7	The molecular origin and taxonomy of mucinous ovarian carcinoma. <i>Nature Communications</i> , 2019, 10, 3935.	12.8	110
8	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
9	Viral MLKL Homologs Subvert Necroptotic Cell Death by Sequestering Cellular RIPK3. <i>Cell Reports</i> , 2019, 28, 3309-3319.e5.	6.4	83
10	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
11	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
12	The regulation of necroptosis by post-translational modifications. <i>Cell Death and Differentiation</i> , 2021, 28, 861-883.	11.2	70
13	Parkin inhibits BAK and BAX apoptotic function by distinct mechanisms during mitophagy. <i>EMBO Journal</i> , 2019, 38, .	7.8	66
14	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
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	Targeting histone acetylation dynamics and oncogenic transcription by catalytic P300/CBP inhibition. <i>Molecular Cell</i> , 2021, 81, 2183-2200.e13.	9.7	59
17	Conformational interconversion of MLKL and disengagement from RIPK3 precede cell death by necroptosis. <i>Nature Communications</i> , 2021, 12, 2211.	12.8	56
18	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

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19	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
20	Therapeutic options for mucinous ovarian carcinoma. <i>Gynecologic Oncology</i> , 2020, 156, 552-560.	1.4	49
21	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
22	Distinct pseudokinase domain conformations underlie divergent activation mechanisms among vertebrate MLKL orthologues. <i>Nature Communications</i> , 2020, 11, 3060.	12.8	47
23	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
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	Keratin-14 (KRT14) Positive Leader Cells Mediate Mesothelial Clearance and Invasion by Ovarian Cancer Cells. <i>Cancers</i> , 2019, 11, 1228.	3.7	39
26	Discovery and Validation of Novel Protein Biomarkers in Ovarian Cancer Patient Urine. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1700135.	1.6	37
27	Pre-operative sera interleukin-6 in the diagnosis of high-grade serous ovarian cancer. <i>Scientific Reports</i> , 2020, 10, 2213.	3.3	37
28	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
29	Ensemble Properties of Bax Determine Its Function. <i>Structure</i> , 2018, 26, 1346-1359.e5.	3.3	34
30	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
31	A small molecule interacts with VDAC2 to block mouse BAK-driven apoptosis. <i>Nature Chemical Biology</i> , 2019, 15, 1057-1066.	8.0	30
32	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
33	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
34	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
35	Dynamic reconfiguration of pro-apoptotic BAK on membranes. <i>EMBO Journal</i> , 2021, 40, e107237.	7.8	20
36	Phosphorylation by Aurora B kinase regulates caspase-2 activity and function. <i>Cell Death and Differentiation</i> , 2021, 28, 349-366.	11.2	18

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37	Role of salt bridges in the dimer interface of 14-3-3 $\hat{\Gamma}$ in dimer dynamics, N-terminal $\hat{\Gamma}$ -helical order, and molecular chaperone activity. <i>Journal of Biological Chemistry</i> , 2018, 293, 89-99.	3.4	17
38	Non-Invasive Fluorescent Monitoring of Ovarian Cancer in an Immunocompetent Mouse Model. <i>Cancers</i> , 2019, 11, 32.	3.7	16
39	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
40	Mapping the testicular interstitial fluid proteome from normal rats. <i>Proteomics</i> , 2016, 16, 2391-2402.	2.2	14
41	New Trends in Anti-Cancer Therapy: Combining Conventional Chemotherapeutics with Novel Immunomodulators. <i>Current Medicinal Chemistry</i> , 2018, 25, 4758-4784.	2.4	14
42	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
43	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
44	Enzymatic Characterization of Wild-Type and Mutant Janus Kinase 1. <i>Cancers</i> , 2019, 11, 1701.	3.7	10
45	The search for RNA-binding proteins: a technical and interdisciplinary challenge. <i>Biochemical Society Transactions</i> , 2021, 49, 393-403.	3.4	10
46	Cp1/cathepsin L is required for autolysosomal clearance in <i>Drosophila</i> . <i>Autophagy</i> , 2021, 17, 2734-2749.	9.1	9
47	Tankyrase-mediated ADP-ribosylation is a regulator of TNF-induced death. <i>Science Advances</i> , 2022, 8, eabh2332.	10.3	9
48	Human RIPK3 C-lobe phosphorylation is essential for necroptotic signaling. <i>Cell Death and Disease</i> , 2022, 13, .	6.3	9
49	Role of the prorenin receptor in endometrial cancer cell growth. <i>Oncotarget</i> , 2022, 13, 587-599.	1.8	8
50	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
51	Granulovirus PK-1 kinase activity relies on a side-to-side dimerization mode centered on the regulatory $\hat{\Gamma}$ -C helix. <i>Nature Communications</i> , 2021, 12, 1002.	12.8	7
52	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
53	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
54	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

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55	Active Ratio Test (ART) as a Novel Diagnostic for Ovarian Cancer. <i>Diagnostics</i> , 2021, 11, 1048.	2.6	5
56	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
57	Diagnostic Value of Plasma Annexin A2 in Early-Stage High-Grade Serous Ovarian Cancer. <i>Diagnostics</i> , 2021, 11, 69.	2.6	5
58	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
59	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
60	Ubiquitylation of RIPK3 beyond-the-RHIM can limit RIPK3 activity and cell death. <i>IScience</i> , 2022, 25, 104632.	4.1	3
61	Identification of novel interacting partners of the NEDD4 ubiquitin ligase in mouse testis. <i>Journal of Proteomics</i> , 2020, 223, 103830.	2.4	2
62	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