

Sarah A Boswell

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,495
citations

430874

18
h-index

552781

26
g-index

41
all docs

41
docs citations

41
times ranked

2981
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive resistance of melanoma cells to <scp>RAF</scp> inhibition via reversible induction of a slowly dividing deâ€differentiated state. <i>Molecular Systems Biology</i> , 2017, 13, 905.	7.2	202
2	Multiomics Profiling Establishes the Polypharmacology of FDA-Approved CDK4/6 Inhibitors and the Potential for Differential Clinical Activity. <i>Cell Chemical Biology</i> , 2019, 26, 1067-1080.e8.	5.2	151
3	Targeting immunosuppressive macrophages overcomes PARP inhibitor resistance in BRCA1-associated triple-negative breast cancer. <i>Nature Cancer</i> , 2021, 2, 66-82.	13.2	126
4	Machine learning identifies candidates for drug repurposing in Alzheimerâ€™s disease. <i>Nature Communications</i> , 2021, 12, 1033.	12.8	124
5	An enhanced isothermal amplification assay for viral detection. <i>Nature Communications</i> , 2020, 11, 5920.	12.8	117
6	p53 promoter selection: Choosing between life and death. <i>Cell Cycle</i> , 2008, 7, 154-157.	2.6	76
7	Kinetic Stability of Cu/Zn Superoxide Dismutase Is Dependent on Its Metal Ligands:â€™ Implications for ALS. <i>Biochemistry</i> , 2004, 43, 16525-16531.	2.5	74
8	Selective USP7 inhibition elicits cancer cell killing through a p53-dependent mechanism. <i>Scientific Reports</i> , 2020, 10, 5324.	3.3	69
9	SnapShot-Seq: A Method for Extracting Genome-Wide, In Vivo mRNA Dynamics from a Single Total RNA Sample. <i>PLoS ONE</i> , 2014, 9, e89673.	2.5	53
10	Adaptation of Human iPSC-Derived Cardiomyocytes to Tyrosine Kinase Inhibitors Reduces Acute Cardiotoxicity via Metabolic Reprogramming. <i>Cell Systems</i> , 2019, 8, 412-426.e7.	6.2	49
11	Tubulin mRNA stability is sensitive to change in microtubule dynamics caused by multiple physiological and toxic cues. <i>PLoS Biology</i> , 2019, 17, e3000225.	5.6	49
12	Silencing SMO2 ameliorates kidney fibrosis by inhibiting fibroblast to myofibroblast transformation. <i>JCI Insight</i> , 2017, 2, .	5.0	48
13	The Protective Role of a Small GTPase RhoE against UVB-induced DNA Damage in Keratinocytes. <i>Journal of Biological Chemistry</i> , 2007, 282, 4850-4858.	3.4	32
14	Barcoded microbial system for high-resolution object provenance. <i>Science</i> , 2020, 368, 1135-1140.	12.6	27
15	Total RNA-seq to identify pharmacological effects on specific stages of mRNA synthesis. <i>Nature Chemical Biology</i> , 2017, 13, 501-507.	8.0	26
16	Multi omics analysis of fibrotic kidneys in two mouse models. <i>Scientific Data</i> , 2019, 6, 92.	5.3	26
17	Abundance-based Classifier for the Prediction of Mass Spectrometric Peptide Detectability Upon Enrichment (PPA). <i>Molecular and Cellular Proteomics</i> , 2015, 14, 430-440.	3.8	23
18	Targeting Phospholipase D4 Attenuates Kidney Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 3579-3589.	6.1	20

#	ARTICLE	IF	CITATIONS
19	Novel Oxidative Stress-responsive Gene ERS25 Functions as a Regulator of the Heat-shock and Cell Death Response. <i>Journal of Biological Chemistry</i> , 2008, 283, 13063-13069.	3.4	17
20	Integrating multi-omics data reveals function and therapeutic potential of deubiquitinating enzymes. <i>ELife</i> , 0, 11, .	6.0	16
21	A Semi-Quantitative Isothermal Diagnostic Assay Utilizing Competitive Amplification. <i>Analytical Chemistry</i> , 2021, 93, 9541-9548.	6.5	13
22	Variable Contributions of Tyrosine Residues to the Structural and Spectroscopic Properties of the Factor for Inversion Stimulation. <i>Biochemistry</i> , 2004, 43, 2964-2977.	2.5	12
23	Accessioning and automation compatible anterior nares swab design. <i>Journal of Virological Methods</i> , 2021, 294, 114153.	2.1	9
24	P61A Mutation in the Factor for Inversion Stimulation Results in a Thermostable Dimeric Intermediate. <i>Biochemistry</i> , 2005, 44, 14715-14724.	2.5	8
25	A High-Throughput Screen Identifies DYRK1A Inhibitor ID-8 that Stimulates Human Kidney Tubular Epithelial Cell Proliferation. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 2820-2833.	6.1	6
26	The role of the local environment of engineered Tyr to Trp substitutions for probing the denaturation mechanism of FIS. <i>Protein Science</i> , 2011, 20, 302-312.	7.6	5
27	860. Targeting immunosuppressive macrophages overcomes PARP-inhibitor resistance in BRCA1-associated triple-negative breast cancer. , 2020, , .		1