

B Titz

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

4,258
citations

147566

31
h-index

168136

53
g-index

59
all docs

59
docs citations

59
times ranked

8339
citing authors

#	ARTICLE	IF	CITATIONS
1	RAF inhibitor resistance is mediated by dimerization of aberrantly spliced BRAF(V600E). <i>Nature</i> , 2011, 480, 387-390.	13.7	1,298
2	Effects of MAPK and PI3K Pathways on PD-L1 Expression in Melanoma. <i>Clinical Cancer Research</i> , 2014, 20, 3446-3457.	3.2	294
3	Phosphoproteome Integration Reveals Patient-Specific Networks in Prostate Cancer. <i>Cell</i> , 2016, 166, 1041-1054.	13.5	206
4	MITF drives endolysosomal biogenesis and potentiates Wnt signaling in melanoma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E420-9.	3.3	194
5	Evolutionarily Conserved Herpesviral Protein Interaction Networks. <i>PLoS Pathogens</i> , 2009, 5, e1000570.	2.1	162
6	Signalling thresholds and negative B-cell selection in acute lymphoblastic leukaemia. <i>Nature</i> , 2015, 521, 357-361.	13.7	127
7	The protein network of bacterial motility. <i>Molecular Systems Biology</i> , 2007, 3, 128.	3.2	103
8	BACH2 mediates negative selection and p53-dependent tumor suppression at the pre-B cell receptor checkpoint. <i>Nature Medicine</i> , 2013, 19, 1014-1022.	15.2	100
9	Metastatic castration-resistant prostate cancer reveals intrapatient similarity and interpatient heterogeneity of therapeutic kinase targets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4762-9.	3.3	99
10	Toxicity of the main electronic cigarette components, propylene glycol, glycerin, and nicotine, in Sprague-Dawley rats in a 90-day OECD inhalation study complemented by molecular endpoints. <i>Food and Chemical Toxicology</i> , 2017, 109, 315-332.	1.8	94
11	The Binary Protein Interactome of <i>Treponema pallidum</i> – The Syphilis Spirochete. <i>PLoS ONE</i> , 2008, 3, e2292.	1.1	92
12	RsfA (YbeB) Proteins Are Conserved Ribosomal Silencing Factors. <i>PLoS Genetics</i> , 2012, 8, e1002815.	1.5	88
13	A 7-month cigarette smoke inhalation study in C57BL/6 mice demonstrates reduced lung inflammation and emphysema following smoking cessation or aerosol exposure from a prototypic modified risk tobacco product. <i>Food and Chemical Toxicology</i> , 2015, 80, 328-345.	1.8	88
14	What do we learn from high-throughput protein interaction data?. <i>Expert Review of Proteomics</i> , 2004, 1, 111-121.	1.3	86
15	Transcriptional activators in yeast. <i>Nucleic Acids Research</i> , 2006, 34, 955-967.	6.5	84
16	An 8-Month Systems Toxicology Inhalation/Cessation Study in ApoE ^{-/-} Mice to Investigate Cardiovascular and Respiratory Exposure Effects of a Candidate Modified Risk Tobacco Product, THS 2.2, Compared With Conventional Cigarettes. <i>Toxicological Sciences</i> , 2016, 149, 411-432.	1.4	81
17	Alterations in the sputum proteome and transcriptome in smokers and early-stage COPD subjects. <i>Journal of Proteomics</i> , 2015, 128, 306-320.	1.2	72
18	Matrix metalloproteinase 19 processes the laminin 5 gamma 2 chain and induces epithelial cell migration. <i>Cellular and Molecular Life Sciences</i> , 2005, 62, 870-880.	2.4	65

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19	JUN dependency in distinct early and late BRAF inhibition adaptation states of melanoma. <i>Cell Discovery</i> , 2016, 2, 16028.	3.1	57
20	Global Phosphoproteomics Reveals Crosstalk Between Bcr-Abl and Negative Feedback Mechanisms Controlling Src Signaling. <i>Science Signaling</i> , 2011, 4, ra18.	1.6	56
21	Proteomics for systems toxicology. <i>Computational and Structural Biotechnology Journal</i> , 2014, 11, 73-90.	1.9	51
22	Genome Annotation and Intraviral Interactome for the <i>Streptococcus pneumoniae</i> Virulent Phage Dp-1. <i>Journal of Bacteriology</i> , 2011, 193, 551-562.	1.0	50
23	Combination of pan-RAF and MEK inhibitors in NRAS mutant melanoma. <i>Molecular Cancer</i> , 2015, 14, 27.	7.9	49
24	Effects of Cigarette Smoke, Cessation, and Switching to Two Heat-Not-Burn Tobacco Products on Lung Lipid Metabolism in C57BL/6 and ApoE [~] /A [~] Mice—An Integrative Systems Toxicology Analysis. <i>Toxicological Sciences</i> , 2016, 149, 441-457.	1.4	49
25	Comparative systems toxicology analysis of cigarette smoke and aerosol from a candidate modified risk tobacco product in organotypic human gingival epithelial cultures: A 3-day repeated exposure study. <i>Food and Chemical Toxicology</i> , 2017, 101, 15-35.	1.8	44
26	A six-month systems toxicology inhalation/cessation study in ApoE [~] /A [~] mice to investigate cardiovascular and respiratory exposure effects of modified risk tobacco products, CHTP 1.2 and THS 2.2, compared with conventional cigarettes. <i>Food and Chemical Toxicology</i> , 2019, 126, 113-141.	1.8	40
27	Activation of Aortic Endothelial Cells by Oxidized Phospholipids: A Phosphoproteomic Analysis. <i>Journal of Proteome Research</i> , 2010, 9, 2812-2824.	1.8	38
28	Novel Conserved Assembly Factor of the Bacterial Flagellum. <i>Journal of Bacteriology</i> , 2006, 188, 7700-7706.	1.0	35
29	The proximal signaling network of the BCR-ABL1 oncogene shows a modular organization. <i>Oncogene</i> , 2010, 29, 5895-5910.	2.6	35
30	Proteomics and Lipidomics in Inflammatory Bowel Disease Research: From Mechanistic Insights to Biomarker Identification. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2775.	1.8	35
31	Activity of MMP-19 inhibits capillary-like formation due to processing of nidogen-1. <i>Cellular and Molecular Life Sciences</i> , 2004, 61, 1826-33.	2.4	34
32	Alterations in Serum Polyunsaturated Fatty Acids and Eicosanoids in Patients with Mild to Moderate Chronic Obstructive Pulmonary Disease (COPD). <i>International Journal of Molecular Sciences</i> , 2016, 17, 1583.	1.8	34
33	Phosphoproteomic Analysis of Platelets Activated by Pro-Thrombotic Oxidized Phospholipids and Thrombin. <i>PLoS ONE</i> , 2014, 9, e84488.	1.1	31
34	A 90-day OECD TG 413 rat inhalation study with systems toxicology endpoints demonstrates reduced exposure effects of the aerosol from the carbon heated tobacco product version 1.2 (CHTP1.2) compared with cigarette smoke. I. Inhalation exposure, clinical pathology and histopathology. <i>Food and Chemical Toxicology</i> , 2018, 116, 388-413.	1.8	28
35	The <i>Escherichia coli</i> protein YjjG is a house-cleaning nucleotidase in vivo. <i>FEMS Microbiology Letters</i> , 2007, 270, 49-57.	0.7	27
36	Application of a multi-layer systems toxicology framework for in vitro assessment of the biological effects of Classic Tobacco e-liquid and its corresponding aerosol using an e-cigarette device with MESH ₂ technology. <i>Archives of Toxicology</i> , 2019, 93, 3229-3247.	1.9	26

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37	Comprehensive systems biology analysis of a 7-month cigarette smoke inhalation study in C57BL/6 mice. <i>Scientific Data</i> , 2016, 3, 150077.	2.4	25
38	Systems toxicology meta-analysis of in vitro assessment studies: biological impact of a candidate modified-risk tobacco product aerosol compared with cigarette smoke on human organotypic cultures of the aerodigestive tract. <i>Toxicology Research</i> , 2017, 6, 631-653.	0.9	24
39	Effects of cigarette smoke, cessation and switching to a candidate modified risk tobacco product on the liver in <i>Apoe</i> mice – a systems toxicology analysis. <i>Inhalation Toxicology</i> , 2016, 28, 226-240.	0.8	22
40	The reduction of DSS-induced colitis severity in mice exposed to cigarette smoke is linked to immune modulation and microbial shifts. <i>Scientific Reports</i> , 2020, 10, 3829.	1.6	20
41	Phosphoproteomic Profiling Reveals IL6-Mediated Paracrine Signaling within the Ewing Sarcoma Family of Tumors. <i>Molecular Cancer Research</i> , 2014, 12, 1740-1754.	1.5	17
42	Quantitative proteomics analysis using 2D-PAGE to investigate the effects of cigarette smoke and aerosol of a prototypic modified risk tobacco product on the lung proteome in C57BL/6 mice. <i>Journal of Proteomics</i> , 2016, 145, 237-245.	1.2	17
43	MPI-LIT: a literature-curated dataset of microbial binary protein–protein interactions. <i>Bioinformatics</i> , 2008, 24, 2622-2627.	1.8	15
44	CRAF R391W is a melanoma driver oncogene. <i>Scientific Reports</i> , 2016, 6, 27454.	1.6	13
45	A 90-day OECD TG 413 rat inhalation study with systems toxicology endpoints demonstrates reduced exposure effects of the aerosol from the carbon heated tobacco product version 1.2 (CHTP1.2) compared with cigarette smoke. II. Systems toxicology assessment. <i>Food and Chemical Toxicology</i> , 2018, 115, 284-301.	1.8	13
46	Assessment of a 72-hour repeated exposure to Swedish snus extract and total particulate matter from 3R4F cigarette smoke on gingival organotypic cultures. <i>Food and Chemical Toxicology</i> , 2019, 125, 252-270.	1.8	8
47	7 Array-Based Yeast Two-Hybrid Screening for Protein–Protein Interactions. <i>Methods in Microbiology</i> , 2007, 36, 139-701.	0.4	5
48	Experimental Methods for Protein Interaction Identification and Characterization. <i>Computational Biology</i> , 2008, , 1-32.	0.1	3
49	Thirteen-week nose-only inhalation exposures of propylene glycol aerosols in Sprague Dawley rats with a lung systems toxicology analysis. <i>Toxicology Research and Application</i> , 2021, 5, 239784732110210.	0.7	3
50	Identification of Small Molecules that Disrupt Signaling between ABL and Its Positive Regulator RIN1. <i>PLoS ONE</i> , 2015, 10, e0121833.	1.1	2
51	Analysis of Proteomic Data for Toxicological Applications. <i>Methods in Pharmacology and Toxicology</i> , 2015, , 257-284.	0.1	1
52	Experimental methods for protein interaction identification. , 0, , 53-82.		0
53	The systems toxicology challenge. , 2015, , .		0
54	Systems Biology: Methods and Applications. , 2017, , 434-480.		0