

Manuela Klingler-Hoffmann

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,150
citations

516710

16
h-index

395702

33
g-index

40
all docs

40
docs citations

40
times ranked

2353
citing authors

#	ARTICLE	IF	CITATIONS
1	The genetic overlap between mood disorders and cardiometabolic diseases: a systematic review of genome wide and candidate gene studies. <i>Translational Psychiatry</i> , 2017, 7, e1007-e1007.	4.8	259
2	Regulation of Insulin Receptor Signaling by the Protein Tyrosine Phosphatase TCPTP. <i>Molecular and Cellular Biology</i> , 2003, 23, 2096-2108.	2.3	166
3	PI3K β drives the pathogenesis of experimental autoimmune encephalomyelitis by inhibiting effector T cell apoptosis and promoting Th17 differentiation. <i>Journal of Autoimmunity</i> , 2011, 36, 278-287.	6.5	72
4	The Protein Tyrosine Phosphatase TCPTP Suppresses the Tumorigenicity of Glioblastoma Cells Expressing a Mutant Epidermal Growth Factor Receptor. <i>Journal of Biological Chemistry</i> , 2001, 276, 46313-46318.	3.4	66
5	Differential roles for the p101 and p84 regulatory subunits of PI3K β in tumor growth and metastasis. <i>Oncogene</i> , 2012, 31, 2350-2361.	5.9	45
6	Identification and validation of novel candidate protein biomarkers for the detection of human gastric cancer. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 1051-1058.	2.3	45
7	Radiative-surface plasmon resonance for the detection of apolipoprotein E in medical diagnostics applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 550-557.	3.3	44
8	Differential effects on gene transcription and hematopoietic differentiation correlate with GATA2 mutant disease phenotypes. <i>Leukemia</i> , 2018, 32, 194-202.	7.2	44
9	Inhibition of phosphatidylinositol 3-kinase signaling negates the growth advantage imparted by a mutant epidermal growth factor receptor on human glioblastoma cells. <i>International Journal of Cancer</i> , 2003, 105, 331-339.	5.1	43
10	Ectrodactyly and Lethal Pulmonary Acinar Dysplasia Associated with Homozygous <i>FGFR2</i> Mutations Identified by Exome Sequencing. <i>Human Mutation</i> , 2016, 37, 955-963.	2.5	30
11	Annexin A2 and alpha actinin 4 expression correlates with metastatic potential of primary endometrial cancer. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 846-857.	2.3	28
12	2D-DIGE analysis of sera from transgenic mouse models reveals novel candidate protein biomarkers for human gastric cancer. <i>Journal of Proteomics</i> , 2012, 77, 40-58.	2.4	26
13	Lymph node metastasis of primary endometrial cancers: Associated proteins revealed by MALDI imaging. <i>Proteomics</i> , 2016, 16, 1793-1801.	2.2	25
14	Proteomics of endometrial cancer diagnosis, treatment, and prognosis. <i>Proteomics - Clinical Applications</i> , 2016, 10, 217-229.	1.6	20
15	Mass Spectrometry Analyses of Multicellular Tumor Spheroids. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1700124.	1.6	20
16	The T-cell protein tyrosine phosphatase is phosphorylated on Ser-304 by cyclin-dependent protein kinases in mitosis. <i>Biochemical Journal</i> , 2004, 380, 939-949.	3.7	19
17	Cancer Tissue Classification Using Supervised Machine Learning Applied to MALDI Mass Spectrometry Imaging. <i>Cancers</i> , 2021, 13, 5388.	3.7	18
18	Translating <i>N-glycan</i> Glycan Analytical Applications into Clinical Strategies for Ovarian Cancer. <i>Proteomics - Clinical Applications</i> , 2019, 13, e1800099.	1.6	14

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19	Altered N-linked glycosylation in endometrial cancer. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 2721-2733.	3.7	14
20	Matrix Assisted Laser Desorption/Ionization Mass Spectrometry Imaging (MALDI MSI) for Monitoring of Drug Response in Primary Cancer Spheroids. <i>Proteomics</i> , 2019, 19, 1900146.	2.2	13
21	Uncovering Tumor-Stroma Inter-relationships Using MALDI Mass Spectrometry Imaging. <i>Journal of Proteome Research</i> , 2020, 19, 4093-4103.	3.7	13
22	MALDI Mass Spectrometry Imaging Reveals Decreased CK5 Levels in Vulvar Squamous Cell Carcinomas Compared to the Precursor Lesion Differentiated Vulvar Intraepithelial Neoplasia. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1088.	4.1	12
23	Egg White as a Quality Control in Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Imaging (MALDI-MSI). <i>Analytical Chemistry</i> , 2019, 91, 14846-14853.	6.5	12
24	Novel technical developments in mass spectrometry imaging in 2020: A mini review. <i>Analytical Science Advances</i> , 2021, 2, 225-237.	2.8	11
25	Characterisation of a compound in-cis GATA2 germline mutation in a pedigree presenting with myelodysplastic syndrome/acute myeloid leukemia with concurrent thrombocytopenia. <i>Leukemia</i> , 2015, 29, 1795-1797.	7.2	10
26	Classification of MALDI-MS imaging data of tissue microarrays using canonical correlation analysis-based variable selection. <i>Proteomics</i> , 2016, 16, 1731-1735.	2.2	9
27	The Emerging Role of Cytoskeletal Proteins as Reliable Biomarkers. <i>Proteomics</i> , 2019, 19, e1800483.	2.2	9
28	Downregulation of protein phosphatase 2A activity in HeLa cells at the G2-mitosis transition and unscheduled reactivation induced by 12-O-tetradecanoyl phorbol-13-acetate (TPA). <i>European Journal of Cell Biology</i> , 2005, 84, 719-732.	3.6	8
29	EZYprep LC-coupled MALDI-TOF/TOF MS: An improved matrix spray application for phosphopeptide characterisation. <i>Proteomics</i> , 2010, 10, 2516-2530.	2.2	8
30	p84 forms a negative regulatory complex with p110 ^β to control PI3K ^β signalling during cell migration. <i>Immunology and Cell Biology</i> , 2015, 93, 735-743.	2.3	8
31	Novel IEF Peptide Fractionation Method Reveals a Detailed Profile of N-Terminal Acetylation in Chemotherapy-Responsive and -Resistant Ovarian Cancer Cells. <i>Journal of Proteome Research</i> , 2016, 15, 4073-4081.	3.7	7
32	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
33	Comparative proteomic analysis implicates eEF2 as a novel target of PI3K ^β in the MDA-MB-231 metastatic breast cancer cell line. <i>Proteome Science</i> , 2013, 11, 4.	1.7	6
34	Using GPCRs as Molecular Beacons to Target Ovarian Cancer with Nanomedicines. <i>Cancers</i> , 2022, 14, 2362.	3.7	5
35	Tyrosine Phosphorylation Enrichment and Subsequent Analysis by MALDI-TOF/TOF MS/MS and LC-ESI-IT-MS/MS. <i>Current Protocols in Protein Science</i> , 2010, 62, Unit13.11.	2.8	4
36	Proteomic Analysis of Pre-Invasive Serous Lesions of the Endometrium and Fallopian Tube Reveals Their Metastatic Potential. <i>Frontiers in Oncology</i> , 2020, 10, 523989.	2.8	4

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37	Chemoresistant Cancer Cell Lines Are Characterized by Migratory, Amino Acid Metabolism, Protein Catabolism and IFN1 Signalling Perturbations. <i>Cancers</i> , 2022, 14, 2763.	3.7	4
38	Radiative-SPR platform for the detection of apolipoprotein E for use in medical diagnostics. <i>Proceedings of SPIE</i> , 2012, , .	0.8	1
39	A Protocol for the Acquisition of Comprehensive Proteomics Data from Single Cases Using Formalin-Fixed Paraffin Embedded Sections. <i>Methods and Protocols</i> , 2022, 5, 57.	2.0	1
40	Cover Image, Volume 37, Issue 9. <i>Human Mutation</i> , 2016, 37, i-i.	2.5	0