

Henrik Antti

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,692
citations

361296

20
h-index

330025

37
g-index

40
all docs

40
docs citations

40
times ranked

3941
citing authors

#	ARTICLE	IF	CITATIONS
1	Orthogonal signal correction of near-infrared spectra. <i>Chemometrics and Intelligent Laboratory Systems</i> , 1998, 44, 175-185.	1.8	911
2	High-Throughput Data Analysis for Detecting and Identifying Differences between Samples in GC/MS-Based Metabolomic Analyses. <i>Analytical Chemistry</i> , 2005, 77, 5635-5642.	3.2	383
3	Geometric Trajectory Analysis of Metabolic Responses To Toxicity Can Define Treatment Specific Profiles. <i>Chemical Research in Toxicology</i> , 2004, 17, 579-587.	1.7	143
4	Predictive Metabolite Profiling Applying Hierarchical Multivariate Curve Resolution to GC-MS Data: A Potential Tool for Multi-parametric Diagnosis. <i>Journal of Proteome Research</i> , 2006, 5, 1407-1414.	1.8	115
5	Extraction, interpretation and validation of information for comparing samples in metabolic LC/MS data sets. <i>Analyst</i> , 2005, 130, 701-707.	1.7	114
6	Multi-platform mass spectrometry analysis of the CSF and plasma metabolomes of rigorously matched amyotrophic lateral sclerosis, Parkinson's disease and control subjects. <i>Molecular BioSystems</i> , 2016, 12, 1287-1298.	2.9	108
7	Metabolite and Peptide Levels in Plasma and CSF Differentiating Healthy Controls from Patients with Newly Diagnosed Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2014, 4, 549-560.	1.5	99
8	Metabolomic Patterns in Glioblastoma and Changes during Radiotherapy: A Clinical Microdialysis Study. <i>Journal of Proteome Research</i> , 2010, 9, 2909-2919.	1.8	89
9	Constrained randomization and multivariate effect projections improve information extraction and biomarker pattern discovery in metabolomics studies involving dependent samples. <i>Metabolomics</i> , 2015, 11, 1667-1678.	1.4	67
10	Metabolomic analysis of extreme freezing tolerance in Siberian spruce (<i>Picea sibirica</i>). <i>Tree</i> , 2015, 35, 382-390.	3.5	63
11	Metabolomic Screening of Tumor Tissue and Serum in Glioma Patients Reveals Diagnostic and Prognostic Information. <i>Metabolites</i> , 2015, 5, 502-520.	1.3	63
12	Salmonella Typhi and Salmonella Paratyphi A elaborate distinct systemic metabolite signatures during enteric fever. <i>ELife</i> , 2014, 3, .	2.8	45
13	Comprehensive metabolomics analysis of prostate cancer tissue in relation to tumor aggressiveness and TMPRSS2-ERG fusion status. <i>BMC Cancer</i> , 2020, 20, 437.	1.1	44
14	Serum Metabolomic Biomarkers of Dementia. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2014, 4, 252-262.	0.6	43
15	Metabolomic screening of pre-diagnostic serum samples identifies association between α -tocopherol and β -tocopherols and glioblastoma risk. <i>Oncotarget</i> , 2016, 7, 37043-37053.	0.8	38
16	Characterization of the serum metabolome following radiation treatment in patients with high-grade gliomas. <i>Radiation Oncology</i> , 2016, 11, 51.	1.2	37
17	Metabolic Profiling for Detection of Staphylococcus aureus Infection and Antibiotic Resistance. <i>PLoS ONE</i> , 2013, 8, e56971.	1.1	33
18	A multivariate approach to correlate bacterial surface properties to biofilm formation by lipopolysaccharide mutants of <i>Pseudomonas aeruginosa</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 127, 182-191.	2.5	32

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19	Distinct metabolic hallmarks of WHO classified adult glioma subtypes. <i>Neuro-Oncology</i> , 2022, 24, 1454-1468.	0.6	26
20	A strategy for modelling dynamic responses in metabolic samples characterized by GC/MS. <i>Metabolomics</i> , 2006, 2, 135-143.	1.4	24
21	Diagnostic metabolite biomarkers of chronic typhoid carriage. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006215.	1.3	23
22	Plasma Micro-RNA Alterations Appear Late in Pancreatic Cancer. <i>Annals of Surgery</i> , 2018, 267, 775-781.	2.1	22
23	Metabolic response patterns in brain microdialysis fluids and serum during interstitial cisplatin treatment of high-grade glioma. <i>British Journal of Cancer</i> , 2020, 122, 221-232.	2.9	21
24	Statistical multivariate metabolite profiling for aiding biomarker pattern detection and mechanistic interpretations in GC/MS based metabolomics. <i>Metabolomics</i> , 2007, 2, 257-268.	1.4	19
25	Liquid chromatography time of flight mass spectrometry based environmental metabolomics for the analysis of <i>Pseudomonas putida</i> Bacteria in potable water. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 966, 179-186.	1.2	18
26	Metabolomic profiling identifies distinct phenotypes for ASS1 positive and negative GBM. <i>BMC Cancer</i> , 2018, 18, 167.	1.1	17
27	Multivariate Statistical Assessment of Predictors of Firefightersâ€™ Muscular and Aerobic Work Capacity. <i>PLoS ONE</i> , 2015, 10, e0118945.	1.1	13
28	Plasma metabolomic response to postmenopausal weight loss induced by different diets. <i>Metabolomics</i> , 2016, 12, 1.	1.4	13
29	Cell-Based Kinetic Target-Guided Synthesis of an Enzyme Inhibitor. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 351-353.	1.3	13
30	Gene expression and fiber type variations in repeated vastus lateralis biopsies. <i>Muscle and Nerve</i> , 2015, 52, 812-817.	1.0	10
31	Identification of Pre-Diagnostic Metabolic Patterns for Glioma Using Subset Analysis of Matched Repeated Time Points. <i>Cancers</i> , 2020, 12, 3349.	1.7	10
32	Reproducible diagnostic metabolites in plasma from typhoid fever patients in Asia and Africa. <i>ELife</i> , 2017, 6, .	2.8	10
33	Single injection of small-molecule amyloid accelerator results in cell death of nigral dopamine neurons in mice. <i>Npj Parkinson's Disease</i> , 2015, 1, 15024.	2.5	9
34	Detection of Local Prostate Metabolites by Hrmass Nmr Spectroscopy: A Comparative Study of Human and Rat Prostate Tissues. <i>Magnetic Resonance Insights</i> , 2010, 4, MRI.S6028.	2.5	6
35	Metabolic effects of an aspartate aminotransferase-inhibitor on two T-cell lines. <i>PLoS ONE</i> , 2018, 13, e0208025.	1.1	2
36	Coronary calcification with no flow limiting lesions: A potential cause for ischaemic dysfunction in syndrome X patients. <i>IJC Heart and Vasculature</i> , 2015, 9, 109-114.	0.6	1

#	ARTICLE	IF	CITATIONS
37	Strategy for improved characterization of human metabolic phenotypes using a Combined Multi-block Principal components Analysis with Statistical Spectroscopy (COMPASS). <i>Bioinformatics</i> , 2021, 36, 5229-5236.	1.8	1