

Alessia Vignoli

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,041
citations

471061

17
h-index

433756

31
g-index

33
all docs

33
docs citations

33
times ranked

1533
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Throughput Metabolomics by 1D NMR. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 968-994.	7.2	254
2	Metabolomics in breast cancer: A decade in review. <i>Cancer Treatment Reviews</i> , 2018, 67, 88-96.	3.4	87
3	Metabolomic/lipidomic profiling of COVID-19 and individual response to tocilizumab. <i>PLoS Pathogens</i> , 2021, 17, e1009243.	2.1	76
4	Age and Sex Effects on Plasma Metabolite Association Networks in Healthy Subjects. <i>Journal of Proteome Research</i> , 2018, 17, 97-107.	1.8	66
5	NMR-based metabolomics identifies patients at high risk of death within two years after acute myocardial infarction in the AMI-Florence II cohort. <i>BMC Medicine</i> , 2019, 17, 3.	2.3	66
6	Serum Metabolomic Profiles Identify ER-Positive Early Breast Cancer Patients at Increased Risk of Disease Recurrence in a Multicenter Population. <i>Clinical Cancer Research</i> , 2017, 23, 1422-1431.	3.2	65
7	Sarcolab pilot study into skeletal muscle's adaptation to long-term spaceflight. <i>Npj Microgravity</i> , 2018, 4, 18.	1.9	62
8	Fingerprinting Alzheimer's Disease by ¹ H Nuclear Magnetic Resonance Spectroscopy of Cerebrospinal Fluid. <i>Journal of Proteome Research</i> , 2020, 19, 1696-1705.	1.8	32
9	NMR-based metabolomic approach to study urine samples of chronic inflammatory rheumatic disease patients. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1405-1413.	1.9	28
10	A framework for validating AI in precision medicine: considerations from the European ITFoC consortium. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 274.	1.5	28
11	Differential Network Analysis Reveals Metabolic Determinants Associated with Mortality in Acute Myocardial Infarction Patients and Suggests Potential Mechanisms Underlying Different Clinical Scores Used To Predict Death. <i>Journal of Proteome Research</i> , 2020, 19, 949-961.	1.8	27
12	Metabolic Signature of Primary Biliary Cholangitis and Its Comparison with Celiac Disease. <i>Journal of Proteome Research</i> , 2019, 18, 1228-1236.	1.8	26
13	Breathomics for Assessing the Effects of Treatment and Withdrawal With Inhaled Beclomethasone/Formoterol in Patients With COPD. <i>Frontiers in Pharmacology</i> , 2018, 9, 258.	1.6	25
14	Serum or Plasma (and Which Plasma), That Is the Question. <i>Journal of Proteome Research</i> , 2022, 21, 1061-1072.	1.8	25
15	Precision Oncology via NMR-Based Metabolomics: A Review on Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4687.	1.8	23
16	Effect of Estrogen Receptor Status on Circulatory Immune and Metabolomics Profiles of HER2-Positive Breast Cancer Patients Enrolled for Neoadjuvant Targeted Chemotherapy. <i>Cancers</i> , 2020, 12, 314.	1.7	22
17	Plasma metabolomics in calves with acute bronchopneumonia. <i>Metabolomics</i> , 2016, 12, 1.	1.4	21
18	Effects of Boron Supplementation on Peripartum Dairy Cows' Health. <i>Biological Trace Element Research</i> , 2017, 179, 218-225.	1.9	17

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19	NMR-Based Metabolomics for the Assessment of Inhaled Pharmacotherapy in Chronic Obstructive Pulmonary Disease Patients. <i>Journal of Proteome Research</i> , 2020, 19, 64-74.	1.8	14
20	A Serum Metabolomics Classifier Derived from Elderly Patients with Metastatic Colorectal Cancer Predicts Relapse in the Adjuvant Setting. <i>Cancers</i> , 2021, 13, 2762.	1.7	14
21	Metabolomic analysis of serum may refine 21-gene expression assay risk recurrence stratification. <i>Npj Breast Cancer</i> , 2019, 5, 26.	2.3	12
22	Prediagnostic circulating metabolites in female breast cancer cases with low and high mammographic breast density. <i>Scientific Reports</i> , 2021, 11, 13025.	1.6	10
23	Hochdurchsatz-Metabolomik mit 1D-NMR. <i>Angewandte Chemie</i> , 2019, 131, 980-1007.	1.6	8
24	De-escalating and escalating treatment beyond endocrine therapy in patients with luminal breast cancer. <i>Breast</i> , 2017, 34, S13-S18.	0.9	6
25	¹ H-NMR Plasma Lipoproteins Profile Analysis Reveals Lipid Metabolism Alterations in HER2-Positive Breast Cancer Patients. <i>Cancers</i> , 2021, 13, 5845.	1.7	6
26	Exploration of Blood Lipoprotein and Lipid Fraction Profiles in Healthy Subjects through Integrated Univariate, Multivariate, and Network Analysis Reveals Association of Lipase Activity and Cholesterol Esterification with Sex and Age. <i>Metabolites</i> , 2021, 11, 326.	1.3	5
27	Evaluation of Serum/Urine Genomic and Metabolomic Profiles to Improve the Adherence to Sildenafil Therapy in Patients with Erectile Dysfunction. <i>Frontiers in Pharmacology</i> , 2020, 11, 602369.	1.6	4
28	Differential Network Analysis Reveals Molecular Determinants Associated with Blood Pressure and Heart Rate in Healthy Subjects. <i>Journal of Proteome Research</i> , 2021, 20, 1040-1051.	1.8	3
29	Exploring Serum NMR-Based Metabolomic Fingerprint of Colorectal Cancer Patients: Effects of Surgery and Possible Associations with Cancer Relapse. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11120.	1.3	3
30	Metabolomics Fingerprint Predicts Risk of Death in Dilated Cardiomyopathy and Heart Failure. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 851905.	1.1	3
31	An omics approach to study trace metals in sera of hemodialysis patients treated with erythropoiesis stimulating agents. <i>Metallomics</i> , 2022, 14, .	1.0	3
32	Applications and Challenges for Metabolomics via Nuclear Magnetic Resonance Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4655.	1.3	0