Alessia Vignoli

List of Publications by Year
in descending order

32 papers	1,041 citations	471509 17 h-index	434195 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. Angewandte Chemie - International Edition, 2019, 58, 968-994.	13.8	254
2	Metabolomics in breast cancer: A decade in review. Cancer Treatment Reviews, 2018, 67, 88-96.	7.7	87
3	Metabolomic/lipidomic profiling of COVID-19 and individual response to tocilizumab. PLoS Pathogens, 2021, 17, e1009243.	4.7	76
4	Age and Sex Effects on Plasma Metabolite Association Networks in Healthy Subjects. Journal of Proteome Research, 2018, 17, 97-107.	3.7	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. BMC Medicine, 2019, 17, 3.	5.5	66
6	Serum Metabolomic Profiles Identify ER-Positive Early Breast Cancer Patients at Increased Risk of Disease Recurrence in a Multicenter Population. Clinical Cancer Research, 2017, 23, 1422-1431.	7.0	65
7	Sarcolab pilot study into skeletal muscle's adaptation to long-term spaceflight. Npj Microgravity, 2018, 4, 18.	3.7	62
8	Fingerprinting Alzheimer's Disease by ^{1}H Nuclear Magnetic Resonance Spectroscopy of Cerebrospinal Fluid. Journal of Proteome Research, 2020, 19, 1696-1705.	3.7	32
9	NMR-based metabolomic approach to study urine samples of chronic inflammatory rheumatic disease patients. Analytical and Bioanalytical Chemistry, 2017, 409, 1405-1413.	3.7	28
10	A framework for validating AI in precision medicine: considerations from the European ITFoC consortium. BMC Medical Informatics and Decision Making, 2021, 21, 274.	3.0	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. Journal of Proteome Research, 2020, 19, 949-961.	3.7	27
12	Metabolic Signature of Primary Biliary Cholangitis and Its Comparison with Celiac Disease. Journal of Proteome Research, 2019, 18, 1228-1236.	3.7	26
13	Breathomics for Assessing the Effects of Treatment and Withdrawal With Inhaled Beclomethasone/Formoterol in Patients With COPD. Frontiers in Pharmacology, 2018, 9, 258.	3.5	25
14	Serum or Plasma (and Which Plasma), That Is the Question. Journal of Proteome Research, 2022, 21, 1061-1072.	3.7	25
15	Precision Oncology via NMR-Based Metabolomics: A Review on Breast Cancer. International Journal of Molecular Sciences, 2021, 22, 4687.	4.1	23
16	Effect of Estrogen Receptor Status on Circulatory Immune and Metabolomics Profiles of HER2-Positive Breast Cancer Patients Enrolled for Neoadjuvant Targeted Chemotherapy. Cancers, 2020, 12, 314.	3.7	22
17	Plasma metabolomics in calves with acute bronchopneumonia. Metabolomics, 2016, 12, 1.	3.0	21
18	Effects of Boron Supplementation on Peripartum Dairy Cows' Health. Biological Trace Element Research, 2017, 179, 218-225.	3.5	17

#	Article	IF	Citations
19	NMR-Based Metabolomics for the Assessment of Inhaled Pharmacotherapy in Chronic Obstructive Pulmonary Disease Patients. Journal of Proteome Research, 2020, 19, 64-74.	3.7	14
20	A Serum Metabolomics Classifier Derived from Elderly Patients with Metastatic Colorectal Cancer Predicts Relapse in the Adjuvant Setting. Cancers, 2021, 13, 2762.	3.7	14
21	Metabolomic analysis of serum may refine 21-gene expression assay risk recurrence stratification. Npj Breast Cancer, 2019, 5, 26.	5.2	12
22	Prediagnostic circulating metabolites in female breast cancer cases with low and high mammographic breast density. Scientific Reports, 2021, 11, 13025.	3.3	10
23	Hochdurchsatzâ€Metabolomik mit 1Dâ€NMR. Angewandte Chemie, 2019, 131, 980-1007.	2.0	8
24	De-escalating and escalating treatment beyond endocrine therapy in patients with luminal breast cancer. Breast, 2017, 34, S13-S18.	2.2	6
25	1H-NMR Plasma Lipoproteins Profile Analysis Reveals Lipid Metabolism Alterations in HER2-Positive Breast Cancer Patients. Cancers, 2021, 13, 5845.	3.7	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. Metabolites, 2021, 11, 326.	2.9	5
27	Evaluation of Serum/Urine Genomic and Metabolomic Profiles to Improve the Adherence to Sildenafil Therapy in Patients with Erectile Dysfunction. Frontiers in Pharmacology, 2020, 11, 602369.	3.5	4
28	Differential Network Analysis Reveals Molecular Determinants Associated with Blood Pressure and Heart Rate in Healthy Subjects. Journal of Proteome Research, 2021, 20, 1040-1051.	3.7	3
29	Exploring Serum NMR-Based Metabolomic Fingerprint of Colorectal Cancer Patients: Effects of Surgery and Possible Associations with Cancer Relapse. Applied Sciences (Switzerland), 2021, 11, 11120.	2.5	3
30	Metabolomics Fingerprint Predicts Risk of Death in Dilated Cardiomyopathy and Heart Failure. Frontiers in Cardiovascular Medicine, 2022, 9, 851905.	2.4	3
31	An omics approach to study trace metals in sera of hemodialysis patients treated with erythropoiesis stimulating agents. Metallomics, 2022, 14, .	2.4	3
32	Applications and Challenges for Metabolomics via Nuclear Magnetic Resonance Spectroscopy. Applied Sciences (Switzerland), 2022, 12, 4655.	2.5	0