

Abdellah Tebani

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,620
citations

471509

17
h-index

345221

36
g-index

67
all docs

67
docs citations

67
times ranked

2950
citing authors

#	ARTICLE	IF	CITATIONS
1	A genome-wide transcriptomic analysis of protein-coding genes in human blood cells. <i>Science</i> , 2019, 366, .	12.6	329
2	The human secretome. <i>Science Signaling</i> , 2019, 12, .	3.6	259
3	Omics-Based Strategies in Precision Medicine: Toward a Paradigm Shift in Inborn Errors of Metabolism Investigations. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1555.	4.1	135
4	Clinical Metabolomics: The New Metabolic Window for Inborn Errors of Metabolism Investigations in the Post-Genomic Era. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1167.	4.1	92
5	Paving the Way to Precision Nutrition Through Metabolomics. <i>Frontiers in Nutrition</i> , 2019, 6, 41.	3.7	84
6	Integration of molecular profiles in a longitudinal wellness profiling cohort. <i>Nature Communications</i> , 2020, 11, 4487.	12.8	66
7	The acute effect of metabolic cofactor supplementation: a potential therapeutic strategy against non- α alcoholic fatty liver disease. <i>Molecular Systems Biology</i> , 2020, 16, e9495.	7.2	39
8	Metabolic causes of nonimmune hydrops fetalis: A next-generation sequencing panel as a first-line investigation. <i>Clinica Chimica Acta</i> , 2018, 481, 1-8.	1.1	32
9	Measurement of free and total sialic acid by isotopic dilution liquid chromatography tandem mass spectrometry method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 3694-3699.	2.3	31
10	Advances in metabolome information retrieval: turning chemistry into biology. Part I: analytical chemistry of the metabolome. <i>Journal of Inherited Metabolic Disease</i> , 2018, 41, 379-391.	3.6	29
11	Intraventricular Hemorrhage in Very Preterm Infants: A Comprehensive Review. <i>Journal of Clinical Medicine</i> , 2020, 9, 2447.	2.4	29
12	Optimization of a liquid chromatography ion mobility-mass spectrometry method for untargeted metabolomics using experimental design and multivariate data analysis. <i>Analytica Chimica Acta</i> , 2016, 913, 55-62.	5.4	25
13	iNetModels 2.0: an interactive visualization and database of multi-omics data. <i>Nucleic Acids Research</i> , 2021, 49, W271-W276.	14.5	25
14	Pyridoxine-dependent epilepsy: report on three families with neuropathology. <i>Metabolic Brain Disease</i> , 2016, 31, 1435-1443.	2.9	23
15	Whole-genome sequence association analysis of blood proteins in a longitudinal wellness cohort. <i>Genome Medicine</i> , 2020, 12, 53.	8.2	23
16	Diagnosis and Management of Glioblastoma: A Comprehensive Perspective. <i>Journal of Personalized Medicine</i> , 2021, 11, 258.	2.5	23
17	Clinical and molecular characterization of cystinuria in a French cohort: relevance of assessing large-scale rearrangements and splicing variants. <i>Molecular Genetics & Genomic Medicine</i> , 2017, 5, 373-389.	1.2	22
18	Clinical and Molecular Characterization of Patients with Mucopolysaccharidosis Type I in an Algerian Series. <i>International Journal of Molecular Sciences</i> , 2016, 17, 743.	4.1	19

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19	Urinary metabolic phenotyping of mucopolysaccharidosis type I combining untargeted and targeted strategies with data modeling. <i>Clinica Chimica Acta</i> , 2017, 475, 7-14.	1.1	19
20	Unveiling metabolic remodeling in mucopolysaccharidosis type III through integrative metabolomics and pathway analysis. <i>Journal of Translational Medicine</i> , 2018, 16, 248.	4.4	19
21	Muscle metabolic remodelling patterns in Duchenne muscular dystrophy revealed by ultra-high-resolution mass spectrometry imaging. <i>Scientific Reports</i> , 2021, 11, 1906.	3.3	19
22	Analysis of Mucopolysaccharidosis Type VI through Integrative Functional Metabolomics. <i>International Journal of Molecular Sciences</i> , 2019, 20, 446.	4.1	18
23	A Proteomics-Based Analysis Reveals Predictive Biological Patterns in Fabry Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 1325.	2.4	18
24	Inflammation and Apolipoproteins Are Potential Biomarkers for Stratification of Cutaneous Melanoma Patients for Immunotherapy and Targeted Therapy. <i>Cancer Research</i> , 2021, 81, 2545-2555.	0.9	18
25	Changing in lipid profile induced by the mutation of Foxn1 gene: A lipidomic analysis of Nude mice skin. <i>Biochimie</i> , 2015, 118, 234-243.	2.6	16
26	Advances in metabolome information retrieval: turning chemistry into biology. Part II: biological information recovery. <i>Journal of Inherited Metabolic Disease</i> , 2018, 41, 393-406.	3.6	16
27	Dramatic changes in blood protein levels during the first week of life in extremely preterm infants. <i>Pediatric Research</i> , 2021, 89, 604-612.	2.3	15
28	Longitudinal plasma protein profiling of newly diagnosed type 2 diabetes. <i>EBioMedicine</i> , 2021, 63, 103147.	6.1	15
29	Genome-scale metabolic modelling of the human gut microbiome reveals changes in the glyoxylate and dicarboxylate metabolism in metabolic disorders. <i>IScience</i> , 2022, 25, 104513.	4.1	15
30	Methylmalonyl-CoA Epimerase Deficiency Mimicking Propionic Aciduria. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2294.	4.1	14
31	A new optimization strategy for MALDI FTICR MS tissue analysis for untargeted metabolomics using experimental design and data modeling. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3891-3903.	3.7	14
32	Diagnosis and Management of Carpal Tunnel Syndrome in Children with Mucopolysaccharidosis: A 10 Year Experience. <i>Diagnostics</i> , 2020, 10, 5.	2.6	13
33	Blood protein profiles related to preterm birth and retinopathy of prematurity. <i>Pediatric Research</i> , 2022, 91, 937-946.	2.3	13
34	NGLY1 Deficiency: A Rare Newly Described Condition with a Typical Presentation. <i>Life</i> , 2021, 11, 187.	2.4	12
35	Annotation of pituitary neuroendocrine tumors with genome-wide expression analysis. <i>Acta Neuropathologica Communications</i> , 2021, 9, 181.	5.2	12
36	Longitudinal Serum Metabolomics in Extremely Premature Infants: Relationships With Gestational Age, Nutrition, and Morbidities. <i>Frontiers in Neuroscience</i> , 2022, 16, 830884.	2.8	12

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37	Optimization of ion trajectories in a dynamically harmonized Fourier transform ion cyclotron resonance cell using a design of experiments strategy. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8659.	1.5	9
38	Integrative Metabolomics Reveals Deep Tissue and Systemic Metabolic Remodeling in Glioblastoma. <i>Cancers</i> , 2021, 13, 5157.	3.7	9
39	Large-scale screening of lipase acid deficiency in at risk population. <i>Clinica Chimica Acta</i> , 2021, 519, 64-69.	1.1	7
40	Dilated Cardiomyopathy and Premature Ovarian Failure Unveiling Propionic Aciduria. <i>Clinical Chemistry</i> , 2018, 64, 752-754.	3.2	5
41	Heterogenous Clinical Landscape in a Consanguineous Malonic Aciduria Family. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12633.	4.1	4
42	Next-Generation Molecular Investigations in Lysosomal Diseases: Clinical Integration of a Comprehensive Targeted Panel. <i>Diagnostics</i> , 2021, 11, 294.	2.6	3
43	Early Intervention in Cerebral Palsy and Beyond. <i>JAMA Pediatrics</i> , 2021, 175, 785.	6.2	3
44	An Atypical Case of Head Tremor and Extensive White Matter in an Adult Female Caused by 3-Hydroxy-3-methylglutaryl-CoA Lyase Deficiency. <i>Diagnostics</i> , 2021, 11, 1561.	2.6	3
45	Parsing Fabry Disease Metabolic Plasticity Using Metabolomics. <i>Journal of Personalized Medicine</i> , 2021, 11, 898.	2.5	3
46	Acute Respiratory Infection Unveiling CPT II Deficiency. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2950.	4.1	2
47	Disentangling molecular and clinical stratification patterns in beta-galactosidase deficiency. <i>Journal of Medical Genetics</i> , 2022, 59, 377-384.	3.2	2
48	Precision Neurosurgery: A Path Forward. <i>Journal of Personalized Medicine</i> , 2021, 11, 1019.	2.5	2
49	An Atypical Case of Congenital Erythropoietic Porphyrin. <i>Genes</i> , 2021, 12, 1828.	2.4	2
50	High-throughput omics in the precision medicine ecosystem. , 2020, , 19-31.		1
51	Development, analytical validation and implementation of a next generation sequencing panel to assess lysosomal diseases. <i>Molecular Genetics and Metabolism</i> , 2017, 120, S26.	1.1	0
52	Implementation of an untargeted liquid chromatography ion mobility-mass spectrometry-based metabolomics method for inherited metabolic diseases investigation. <i>Molecular Genetics and Metabolism</i> , 2017, 120, S130-S131.	1.1	0
53	Hyperinsulinemic Hypoglycemia in a Neonate. <i>Clinical Chemistry</i> , 2019, 65, 351-353.	3.2	0
54	Integrative metabolic profiling in Sanfilippo syndrome. <i>Molecular Genetics and Metabolism</i> , 2019, 126, S30.	1.1	0

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55	Next generation sequencing sheds light on inherited metabolic diseases in nonimmune hydrops fetalis investigations. <i>Molecular Genetics and Metabolism</i> , 2019, 126, S30-S31.	1.1	0
56	Metabolomics Tools and Information Retrieval in Microbiome Hacking. , 2019, , 43-59.		0
57	An Unusual Peak in a Common Clinical Presentation. <i>Clinical Chemistry</i> , 2021, 67, 799-801.	3.2	0
58	Genome-Scale Metabolic Modelling of the Human Gut Microbiome Reveals Changes of the Glyoxylate and Dicarboxylate Metabolism in Metabolic Disorders. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
59	Sphingosine-1-Phosphate Levels Are Higher in Male Patients with Non-Classic Fabry Disease. <i>Journal of Clinical Medicine</i> , 2022, 11, 1233.	2.4	0