

Luigi Barberini

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,847
citations

185998

28
h-index

276539

41
g-index

72
all docs

72
docs citations

72
times ranked

2740
citing authors

#	ARTICLE	IF	CITATIONS
1	War and Pandemic: A Negative Synergism Could Amplify the Catastrophe. <i>Journal of Public Health Research</i> , 2022, 11, jphr.2022.3016.	0.5	4
2	Metabolomic profile of patients with left ventricular assist devices: a pilot study. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 240-247.	0.6	3
3	Clot Characterization by Multidisciplinary Approach: Biochemical and Imaging Parameters in A Hypocoagulative Setting. A Pilot Study. <i>Journal of Public Health Research</i> , 2021, 10, jphr.2021.2358.	0.5	1
4	On the Variability of Functional Connectivity and Network Measures in Source-Reconstructed EEG Time-Series. <i>Entropy</i> , 2021, 23, 5.	1.1	7
5	The Echocardiographic Parameters of Systolic Function Are Associated with Specific Metabolomic Fingerprints in Obstructive and Non-Obstructive Hypertrophic Cardiomyopathy. <i>Metabolites</i> , 2021, 11, 787.	1.3	3
6	Urinary metabolome of infants with colic treated with <i>Lactobacillus reuteri</i> DSM 17938: a pilot randomized trial. <i>Minerva Pediatrics</i> , 2021, , .	0.2	1
7	Urinary profiles associated with bacterial metabolites from asymptomatic pregnant women with at term or preterm premature rupture of membranes: a pilot study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 3279-3285.	0.7	3
8	Commentary: Acute kidney injury after cardiac surgery—Is the “-omics” way the right way?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 927.	0.4	1
9	The Urine Metabolome of Young Autistic Children Correlates with Their Clinical Profile Severity. <i>Metabolites</i> , 2020, 10, 476.	1.3	20
10	EEG Fingerprints under Naturalistic Viewing Using a Portable Device. <i>Sensors</i> , 2020, 20, 6565.	2.1	4
11	Metabolomic Analysis of Plasma from GABAB(1) Knock-Out Mice Reveals Decreased Levels of Elaidic Trans-Fatty Acid. <i>Metabolites</i> , 2020, 10, 484.	1.3	1
12	The Metabolomic Profile of Lymphoma Subtypes: A Pilot Study. <i>Molecules</i> , 2019, 24, 2367.	1.7	21
13	Salivary Metabolomics Fingerprint of Chronic Apical Abscess with Sinus Tract: A Pilot Study. <i>Scientific World Journal</i> , The, 2019, 2019, 1-6.	0.8	2
14	A gas chromatography-mass spectrometry (GC-MS) metabolomic approach in human colorectal cancer (CRC): the emerging role of monosaccharides and amino acids. <i>Annals of Translational Medicine</i> , 2019, 7, 727-727.	0.7	28
15	Connectometry evaluation in patients undergoing carotid endarterectomy: an exploratory study. <i>Brain Imaging and Behavior</i> , 2019, 13, 1708-1718.	1.1	9
16	Reorganization of brain networks following carotid endarterectomy: an exploratory study using resting state functional connectivity with a focus on the changes in Default Mode Network connectivity. <i>European Journal of Radiology</i> , 2019, 110, 233-241.	1.2	16
17	Preliminary metabolomics analysis of placenta in maternal obesity. <i>Placenta</i> , 2018, 61, 89-95.	0.7	55
18	Resting-state functional connectivity MRI analysis in Human Immunodeficiency Virus and Hepatitis C Virus co-infected subjects. A pilot study. <i>European Journal of Radiology</i> , 2018, 102, 220-227.	1.2	8

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19	PROM and Labour Effects on Urinary Metabolome: A Pilot Study. <i>Disease Markers</i> , 2018, 2018, 1-9.	0.6	14
20	Metabolomic and Imaging: A Literature Review. <i>Current Medical Imaging</i> , 2018, 14, 887-898.	0.4	2
21	Distinctive metabolomic fingerprint in scleroderma patients with pulmonary arterial hypertension. <i>International Journal of Cardiology</i> , 2017, 241, 401-406.	0.8	28
22	Metabolomics As a Tool for the Characterization of Drug-Resistant Epilepsy. <i>Frontiers in Neurology</i> , 2017, 8, 459.	1.1	35
23	Urinary metabolomic analysis to identify preterm neonates exposed to histological chorioamnionitis: A pilot study. <i>PLoS ONE</i> , 2017, 12, e0189120.	1.1	10
24	â€œNetworks in the brain: from neurovascular coupling of the BOLD effect to brain functional architectureâ€™. <i>Neurovascular Imaging</i> , 2017, 3, .	2.4	0
25	¹ H-NMR analysis provides a metabolomic profile of patients with multiple sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016, 3, e185.	3.1	68
26	Multivariate data validation for investigating primary HCMV infection in pregnancy. <i>Data in Brief</i> , 2016, 9, 220-230.	0.5	22
27	Primary HCMV infection in pregnancy from classic data towards metabolomics: An exploratory analysis. <i>Clinica Chimica Acta</i> , 2016, 460, 23-32.	0.5	23
28	The choice of amniotic fluid in metabolomics for the monitoring of fetus health. <i>Expert Review of Molecular Diagnostics</i> , 2016, 16, 473-486.	1.5	29
29	Urinary gas chromatography mass spectrometry metabolomics in asphyxiated newborns undergoing hypothermia: from the birth to the first month of life. <i>Annals of Translational Medicine</i> , 2016, 4, 417-417.	0.7	17
30	Metabolomic approach to profile functional and metabolic changes in heart failure. <i>Journal of Translational Medicine</i> , 2015, 13, 297.	1.8	47
31	Perinatal Asphyxia: A Review from a Metabolomics Perspective. <i>Molecules</i> , 2015, 20, 7000-7016.	1.7	50
32	Urinary metabolomics (GC-MS) reveals that low and high birth weight infants share elevated inositol concentrations at birth. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2014, 27, 20-26.	0.7	34
33	Metabolomics Network Characterization of Resuscitation after Normocapnic Hypoxia in a Newborn Piglet Model Supports the Hypothesis That Room Air Is Better. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	28
34	Urinary metabolomics of pregnant women at term: a combined GC/MS and NMR approach. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2014, 27, 4-12.	0.7	12
35	The urinary metabolomics profile of an Italian autistic children population and their unaffected siblings. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2014, 27, 46-52.	0.7	98
36	Urinary metabolome of children with autism and pervasive developmental disorder not otherwise specified. <i>Digestive and Liver Disease</i> , 2014, 46, e93.	0.4	0

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37	Clinical metabolomics and hematic ADMA predict the future onset of cardiorenal syndrome in young grown-up subjects who were born preterm. <i>Clinical Biochemistry</i> , 2014, 47, 423-426.	0.8	9
38	¹ H NMR metabolite fingerprinting as a new tool for body fluid identification in forensic science. <i>Magnetic Resonance in Chemistry</i> , 2013, 51, 454-462.	1.1	20
39	Interaction between HLA-DRB1-DQB1 Haplotypes in Sardinian Multiple Sclerosis Population. <i>PLoS ONE</i> , 2013, 8, e59790.	1.1	25
40	Metabolomics explained to perinatologists and pediatricians. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 10-12.	0.7	5
41	A metabolomic study of preterm human and formula milk by high resolution NMR and GC/MS analysis: preliminary results. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 62-67.	0.7	97
42	Metabolomic approach to foetal and neonatal heart. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 19-21.	0.7	4
43	Urinary Metabolomics in Newborns and Infants. <i>Advances in Clinical Chemistry</i> , 2012, 58, 193-223.	1.8	31
44	Pharma-metabolomics in Neonatology: is it a Dream or a Fact?. <i>Current Pharmaceutical Design</i> , 2012, 18, 2996-3006.	0.9	36
45	Clinical application of metabolomics in neonatology. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 104-109.	0.7	55
46	Metabolomics in newborns with intrauterine growth retardation (IUGR): urine reveals markers of metabolic syndrome. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 35-39.	0.7	115
47	Clinical metabolomics and urinary NGAL for the early prediction of chronic kidney disease in healthy adults born ELBW. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 40-43.	0.7	40
48	Metabolomics in paediatric respiratory diseases and bronchiolitis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 59-62.	0.7	35
49	Metabolomic analysis of bronchoalveolar lavage fluid in preterm infants complicated by respiratory distress syndrome: preliminary results. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 55-58.	0.7	30
50	¹ H NMR-based metabolomic analysis of urine from preterm and term neonates. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 1005-1012.	0.9	65
51	Metabolomics. <i>Journal of Cardiovascular Medicine</i> , 2011, 12, 800-805.	0.6	37
52	Metabolomics in neonatology and pediatrics. <i>Clinical Biochemistry</i> , 2011, 44, 452-454.	0.8	42
53	Involvement of GABA in mirror focus: A case report. <i>Epilepsy Research</i> , 2010, 90, 300-303.	0.8	6
54	¹ H NMR-based metabolic profiling of urine from children with nephrouropathies. <i>Frontiers in Bioscience - Elite</i> , 2010, E2, 725-732.	0.9	39

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55	Dissociation Between Neurovegetative Signs and Subjective Symptoms in a Case of Idiopathic Pilomotor Seizures. <i>Cognitive and Behavioral Neurology</i> , 2010, 23, 274-277.	0.5	1
56	A metabolomic approach in an experimental model of hypoxia-reoxygenation in newborn piglets: urine predicts outcome. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2010, 23, 134-137.	0.7	35
57	GABAB receptor activation exacerbates spontaneous spike-and-wave discharges in DBA/2J mice. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2010, 19, 226-231.	0.9	24
58	Accumulation of neutral lipids in peripheral blood mononuclear cells as a distinctive trait of Alzheimer patients and asymptomatic subjects at risk of disease. <i>BMC Medicine</i> , 2009, 7, 66.	2.3	43
59	Combined EEG/fMRI recording in musicogenic epilepsy. <i>Epilepsy Research</i> , 2009, 84, 77-81.	0.8	36
60	Metabolomics: a new tool for the neonatologist. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2009, 22, 50-53.	0.7	49
61	Vagal nerve stimulation improves cerebellar tremor and dysphagia in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2007, 13, 1200-1202.	1.4	39
62	Beta and Gamma Range EEG Power-Spectrum Correlation with Spiking Discharges in DBA/2J Mice Absence Model: Role of GABAB Receptors. <i>Epilepsia</i> , 2006, 47, 489-494.	2.6	34
63	A novel Cx32 mutation causes X-linked Charcot-Marie-Tooth disease with brainstem involvement and brain magnetic resonance spectroscopy abnormalities. <i>Neurological Sciences</i> , 2006, 27, 18-23.	0.9	35
64	Neurological research in Italy in 2003 and 2004. <i>Neurological Sciences</i> , 2005, 26, 189-193.	0.9	8
65	Increase in 20-50Hz (gamma frequencies) power spectrum and synchronization after chronic vagal nerve stimulation. <i>Clinical Neurophysiology</i> , 2005, 116, 2026-2036.	0.7	78
66	Gallium arsenide photodetectors for imaging in the far ultraviolet region. <i>Applied Physics Letters</i> , 2002, 81, 1506-1508.	1.5	28
67	Comprehensive measurements of GaAs pixel detectors capacitance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 478, 426-430.	0.7	0
68	A new material for imaging in the UV: CVD Diamond. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 460, 127-137.	0.7	18
69	Far UV responsivity of commercial silicon photodetectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 466, 115-118.	0.7	19
70	Tests on far UV irradiation of CVD diamond. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000, 442, 400-403.	0.7	5