Matej Oresic

List of Publications by Year in descending order

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339 papers	33,198 citations	4831 87 h-index	5622 168 g-index
371 all docs	371 docs citations	371 times ranked	47515 citing authors

#	Article	IF	Citations
1	Exposure to environmental contaminants is associated with altered hepatic lipid metabolism in non-alcoholic fatty liver disease. Journal of Hepatology, 2022, 76, 283-293.	1.8	106
2	Increased serum miR-193a-5p during non-alcoholic fatty liver disease progression: Diagnostic and mechanistic relevance. JHEP Reports, 2022, 4, 100409.	2.6	20
3	Analysis of the SYSDIET Healthy Nordic Diet randomized trial based on metabolic profiling reveal beneficial effects on glucose metabolism and blood lipids. Clinical Nutrition, 2022, 41, 441-451.	2.3	8
4	Neurocognitive correlates of probable posttraumatic stress disorder following traumatic brain injury. Brain and Spine, 2022, 2, 100854.	0.0	5
5	Effect of frailty on 6-month outcome after traumatic brain injury: a multicentre cohort study with external validation. Lancet Neurology, The, 2022, 21, 153-162.	4.9	34
6	Glycomic and Glycoproteomic Techniques in Neurodegenerative Disorders and Neurotrauma: Towards Personalized Markers. Cells, 2022, 11, 581.	1.8	13
7	Permutation-based significance analysis reduces the type 1 error rate in bisulphite sequencing data analysis of human umbilical cord blood samples. Epigenetics, 2022, 17, 1608-1627.	1.3	4
8	A genome-wide association study of outcome from traumatic brain injury. EBioMedicine, 2022, 77, 103933.	2.7	17
9	Vibrational Spectroscopy for the Triage of Traumatic Brain Injury Computed Tomography Priority and Hospital Admissions. Journal of Neurotrauma, 2022, 39, 773-783.	1.7	3
10	Plasma lipid alterations in young adults with psychotic experiences: A study from the Avon Longitudinal Study of Parents and Children cohort. Schizophrenia Research, 2022, 243, 78-85.	1.1	2
11	Metabolic signatures across the full spectrum of non-alcoholic fatty liver disease. JHEP Reports, 2022, 4, 100477.	2.6	31
12	Extended Coagulation Profiling in Isolated Traumatic Brain Injury: A CENTER-TBI Analysis. Neurocritical Care, 2022, 36, 927-941.	1.2	4
13	Surgery versus conservative treatment for traumatic acute subdural haematoma: a prospective, multicentre, observational, comparative effectiveness study. Lancet Neurology, The, 2022, 21, 620-631.	4.9	26
14	Serum metabolome associated with severity of acute traumatic brain injury. Nature Communications, 2022, 13, 2545.	5.8	29
15	Impact of Extensively Hydrolyzed Infant Formula on Circulating Lipids During Early Life. Frontiers in Nutrition, 2022, 9, .	1.6	3
16	Health care utilization and outcomes in older adults after Traumatic Brain Injury: A CENTER-TBI study. Injury, 2022, 53, 2774-2782.	0.7	11
17	Umbilical cord blood DNA methylation in children who later develop type 1 diabetes. Diabetologia, 2022, 65, 1534-1540.	2.9	4
18	Lipidomics in nutrition research. Current Opinion in Clinical Nutrition and Metabolic Care, 2022, 25, 311-318.	1.3	1

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19	Prediction of Global Functional Outcome and Post-Concussive Symptoms after Mild Traumatic Brain Injury: External Validation of Prognostic Models in the Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI) Study. Journal of Neurotrauma, 2021, 38, 196-209.	1.7	20
20	Differences between Men and Women in Treatment and Outcome after Traumatic Brain Injury. Journal of Neurotrauma, 2021, 38, 235-251.	1.7	39
21	Association Between Circulating Lipids and Future Weight Gain in Individuals With an At-Risk Mental State and in First-Episode Psychosis. Schizophrenia Bulletin, 2021, 47, 160-169.	2.3	9
22	Dysregulated Lipid Metabolism Precedes Onset of Psychosis. Biological Psychiatry, 2021, 89, 288-297.	0.7	42
23	Frequency of fatigue and its changes in the first 6Âmonths after traumatic brain injury: results from the CENTER-TBI study. Journal of Neurology, 2021, 268, 61-73.	1.8	12
24	Systems biology approaches to study lipidomes in health and disease. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158857.	1.2	31
25	Outcome Prediction after Moderate and Severe Traumatic Brain Injury: External Validation of Two Established Prognostic Models in 1742 European Patients. Journal of Neurotrauma, 2021, 38, 1377-1388.	1.7	23
26	Global Characterisation of Coagulopathy in Isolated Traumatic Brain Injury (iTBI): A CENTER-TBI Analysis. Neurocritical Care, 2021, 35, 184-196.	1.2	21
27	Deep learning meets metabolomics: a methodological perspective. Briefings in Bioinformatics, 2021, 22, 1531-1542.	3.2	59
28	Linking Gut Microbiome and Lipid Metabolism: Moving beyond Associations. Metabolites, 2021, 11, 55.	1.3	54
29	The Role of Omic Technologies in the Study of the Human Gut Microbiome. , 2021, , 469-481.		0
30	1â€Deoxyceramides â€“ Key players in lipotoxicity and progression to type 2 diabetes?. Acta Physiologica, 2021, 232, e13635.	1.8	4
31	Persistent postconcussive symptoms in children and adolescents with mild traumatic brain injury receiving initial head computed tomography. Journal of Neurosurgery: Pediatrics, 2021, 27, 538-547.	0.8	4
32	Activation of pregnane X receptor induces atherogenic lipids and PCSK9 by a SREBP2â€mediated mechanism. British Journal of Pharmacology, 2021, 178, 2461-2481.	2.7	23
33	Human and preclinical studies of the hostâ€“gut microbiome co-metabolite hippurate as a marker and mediator of metabolic health. Gut, 2021, 70, 2105-2114.	6.1	58
34	Conjugated C-6 hydroxylated bile acids in serum relate to human metabolic health and gut Clostridia species. Scientific Reports, 2021, 11, 13252.	1.6	8
35	Interpreting the lipidome: bioinformatic approaches to embrace the complexity. Metabolomics, 2021, 17, 55.	1.4	7
36	Missing Data in Prediction Research: A Five-Step Approach for Multiple Imputation, Illustrated in the CENTER-TBI Study. Journal of Neurotrauma, 2021, 38, 1842-1857.	1.7	16

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37	Management of arterial partial pressure of carbon dioxide in the first week after traumatic brain injury: results from the CENTER-TBI study. Intensive Care Medicine, 2021, 47, 961-973.	3.9	11
38	Glucosylceramide synthase deficiency in the heart compromises Î²1-adrenergic receptor trafficking. European Heart Journal, 2021, 42, 4481-4492.	1.0	14
39	Perfluoroalkyl substances are increased in patients with late-onset ulcerative colitis and induce intestinal barrier defectsex vivoin murine intestinal tissue. Scandinavian Journal of Gastroenterology, 2021, 56, 1286-1295.	0.6	8
40	Allostatic hypermetabolic response in PGC1Î±/Î² heterozygote mouse despite mitochondrial defects. FASEB Journal, 2021, 35, e21752.	0.2	2
41	Fluid balance and outcome in critically ill patients with traumatic brain injury (CENTER-TBI and) Tj ETQq1 1 0.784314 rgBT /Overlock 1 20, 627-638.	4.9	40
42	Occurrence and timing of withdrawal of life-sustaining measures in traumatic brain injury patients: a CENTER-TBI study. Intensive Care Medicine, 2021, 47, 1115-1129.	3.9	31
43	Primary versus early secondary referral to a specialized neurotrauma center in patients with moderate/severe traumatic brain injury: a CENTER TBI study. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2021, 29, 113.	1.1	8
44	Lipidomic Analyses Reveal Modulation of Lipid Metabolism by the PFAS Perfluoroundecanoic Acid (PFUnDA) in Non-Obese Diabetic Mice. Frontiers in Genetics, 2021, 12, 721507.	1.1	7
45	Pathological Computed Tomography Features Associated With Adverse Outcomes After Mild Traumatic Brain Injury. JAMA Neurology, 2021, 78, 1137.	4.5	53
46	Metabolomics and lipidomics in NAFLD: biomarkers and non-invasive diagnostic tests. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 835-856.	8.2	183
47	Diagnostic accuracy of elastography and magnetic resonance imaging in patients with NAFLD: A systematic review and meta-analysis. Journal of Hepatology, 2021, 75, 770-785.	1.8	149
48	Exposure to per- and polyfluoroalkyl substances associates with an altered lipid composition of breast milk. Environment International, 2021, 157, 106855.	4.8	12
49	Explaining Outcome Differences between Men and Women following Mild Traumatic Brain Injury. Journal of Neurotrauma, 2021, 38, 3315-3331.	1.7	34
50	Potential Transdiagnostic Lipid Mediators of Inflammatory Activity in Individuals With Serious Mental Illness. Frontiers in Psychiatry, 2021, 12, 778325.	1.3	3
51	Questionnaires vs Interviews for the Assessment of Global Functional Outcomes After Traumatic Brain Injury. JAMA Network Open, 2021, 4, e2134121.	2.8	5
52	Quantitative genome-scale metabolic modeling of human CD4+ TÂcell differentiation reveals subset-specific regulation of glycosphingolipid pathways. Cell Reports, 2021, 37, 109973.	2.9	8
53	Can We Cluster ICU Treatment Strategies for Traumatic Brain Injury by Hospital Treatment Preferences?. Neurocritical Care, 2021, , 1.	1.2	3
54	Lipidomic and Metabolomic Signature of Progression of Chronic Kidney Disease in Patients with Severe Obesity. Metabolites, 2021, 11, 836.	1.3	19

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55	Toward a New Multi-Dimensional Classification of Traumatic Brain Injury: A Collaborative European NeuroTrauma Effectiveness Research for Traumatic Brain Injury Study. Journal of Neurotrauma, 2020, 37, 1002-1010.	1.7	20
56	Prognostic Validation of the NINDS Common Data Elements for the Radiologic Reporting of Acute Traumatic Brain Injuries: A CENTER-TBI Study. Journal of Neurotrauma, 2020, 37, 1269-1282.	1.7	10
57	Simultaneous determination of perfluoroalkyl substances and bile acids in human serum using ultra-high-performance liquid chromatographyâ€“tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2020, 412, 2251-2259.	1.9	48
58	Early-life exposure to perfluorinated alkyl substances modulates lipid metabolism in progression to celiac disease. Environmental Research, 2020, 188, 109864.	3.7	19
59	Metabolic Signatures of the Exposomeâ€”Quantifying the Impact of Exposure to Environmental Chemicals on Human Health. Metabolites, 2020, 10, 454.	1.3	25
60	Transcriptomic profiling across the nonalcoholic fatty liver disease spectrum reveals gene signatures for steatohepatitis and fibrosis. Science Translational Medicine, 2020, 12, .	5.8	205
61	Predictors of Access to Rehabilitation in the Year Following Traumatic Brain Injury: A European Prospective and Multicenter Study. Neurorehabilitation and Neural Repair, 2020, 34, 814-830.	1.4	12
62	Tracheal intubation in traumatic brain injury: a multicentre prospective observational study. British Journal of Anaesthesia, 2020, 125, 505-517.	1.5	19
63	Health-related quality of life after traumatic brain injury: deriving value sets for the QOLIBRI-OS for Italy, The Netherlands and The United Kingdom. Quality of Life Research, 2020, 29, 3095-3107.	1.5	4
64	Links between central CB1-receptor availability and peripheral endocannabinoids in patients with first episode psychosis. NPJ Schizophrenia, 2020, 6, 21.	2.0	23
65	Metabolism of human liver on a genome scale in non-alcoholic fatty liver disease. Journal of Hepatology, 2020, 73, S671-S672.	1.8	0
66	Metabolomics approaches to identify biomarkers of non-alcoholic fatty liver disease. Journal of Hepatology, 2020, 73, S438.	1.8	0
67	The PNPLA3â€I148M variant increases polyunsaturated triglycerides in human adipose tissue. Liver International, 2020, 40, 2128-2138.	1.9	17
68	Impact of Antithrombotic Agents on Radiological Lesion Progression in Acute Traumatic Brain Injury: A CENTER-TBI Propensity-Matched Cohort Analysis. Journal of Neurotrauma, 2020, 37, 2069-2080.	1.7	22
69	How do 66 European institutional review boards approve one protocol for an international prospective observational study on traumatic brain injury? Experiences from the CENTER-TBI study. BMC Medical Ethics, 2020, 21, 36.	1.0	10
70	MARC1 variant rs2642438 increases hepatic phosphatidylcholines and decreases severity of non-alcoholic fatty liver disease in humans. Journal of Hepatology, 2020, 73, 725-726.	1.8	39
71	Building an international consortium for tracking coronavirus health status. Nature Medicine, 2020, 26, 1161-1165.	15.2	23
72	Comparison of Care System and Treatment Approaches for Patients with Traumatic Brain Injury in China versus Europe: A CENTER-TBI Survey Study. Journal of Neurotrauma, 2020, 37, 1806-1817.	1.7	12

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73	Machine learning algorithms performed no better than regression models for prognostication in traumatic brain injury. Journal of Clinical Epidemiology, 2020, 122, 95-107.	2.4	117
74	Double Derivatization Strategy for High-Sensitivity and High-Coverage Localization of Double Bonds in Free Fatty Acids by Mass Spectrometry. Analytical Chemistry, 2020, 92, 6446-6455.	3.2	23
75	Integrative Analysis of Circulating Metabolite Profiles and Magnetic Resonance Imaging Metrics in Patients with Traumatic Brain Injury. International Journal of Molecular Sciences, 2020, 21, 1395.	1.8	12
76	Prenatal exposure to perfluoroalkyl substances modulates neonatal serum phospholipids, increasing risk of type 1 diabetes. Environment International, 2020, 143, 105935.	4.8	38
77	Metabolic alterations in immune cells associate with progression to type 1 diabetes. Diabetologia, 2020, 63, 1017-1031.	2.9	42
78	Enhanced liver fibrosis test for the non-invasive diagnosis of fibrosis in patients with NAFLD: A systematic review and meta-analysis. Journal of Hepatology, 2020, 73, 252-262.	1.8	170
79	4Î²-Hydroxycholesterol Signals From the Liver to Regulate Peripheral Cholesterol Transporters. Frontiers in Pharmacology, 2020, 11, 361.	1.6	12
80	Informed consent procedures in patients with an acute inability to provide informed consent: Policy and practice in the CENTER-TBI study. Journal of Critical Care, 2020, 59, 6-15.	1.0	8
81	Hydroxysteroid 17-Î² dehydrogenase 13 variant increases phospholipids and protects against fibrosis in nonalcoholic fatty liver disease. JCI Insight, 2020, 5, .	2.3	62
82	Metabolomics Analytics Workflow for Epidemiological Research: Perspectives from the Consortium of Metabolomics Studies (COMETS). Metabolites, 2019, 9, 145.	1.3	30
83	Circulating metabolites in progression to islet autoimmunity and type 1 diabetes. Diabetologia, 2019, 62, 2287-2297.	2.9	30
84	Case-mix, care pathways, and outcomes in patients with traumatic brain injury in CENTER-TBI: a European prospective, multicentre, longitudinal, cohort study. Lancet Neurology, The, 2019, 18, 923-934.	4.9	304
85	Lipidomes in health and disease: Analytical strategies and considerations. TrAC - Trends in Analytical Chemistry, 2019, 120, 115664.	5.8	34
86	Targeted Clinical Metabolite Profiling Platform for the Stratification of Diabetic Patients. Metabolites, 2019, 9, 184.	1.3	22
87	Metabolic Modeling of Human Gut Microbiota on a Genome Scale: An Overview. Metabolites, 2019, 9, 22.	1.3	66
88	Cord-Blood Lipidome in Progression to Islet Autoimmunity and Type 1 Diabetes. Biomolecules, 2019, 9, 33.	1.8	19
89	Integrated Lipidomics and Proteomics Point to Early Blood-Based Changes in Childhood Preceding Later Development of Psychotic Experiences: Evidence From the Avon Longitudinal Study of Parents and Children. Biological Psychiatry, 2019, 86, 25-34.	0.7	26
90	Deficient Endoplasmic Reticulum-Mitochondrial Phosphatidylserine Transfer Causes Liver Disease. Cell, 2019, 177, 881-895.e17.	13.5	209

#	Article	IF	Citations
91	The Consortium of Metabolomics Studies (COMETS): Metabolomics in 47 Prospective Cohort Studies. American Journal of Epidemiology, 2019, 188, 991-1012.	1.6	81
92	Persistent Alterations in Plasma Lipid Profiles Before Introduction of Gluten in the Diet Associated With Progression to Celiac Disease. Clinical and Translational Gastroenterology, 2019, 10, e00044.	1.3	30
93	Effect of perfluorooctanesulfonic acid (PFOS) on the liver lipid metabolism of the developing chicken embryo. Ecotoxicology and Environmental Safety, 2019, 170, 691-698.	2.9	28
94	Human PNPLA3-I148M variant increases hepatic retention of polyunsaturated fatty acids. JCI Insight, 2019, 4, .	2.3	93
95	Platform for systems medicine research and diagnostic applications in psychotic disordersâ€"The METSY project. European Psychiatry, 2018, 50, 40-46.	0.1	14
96	Gut metabolome meets microbiome: A methodological perspective to understand the relationship between host and microbe. Methods, 2018, 149, 3-12.	1.9	123
97	Analysis of microbiota in first episode psychosis identifies preliminary associations with symptom severity and treatment response. Schizophrenia Research, 2018, 192, 398-403.	1.1	252
98	Use of Blood Biomarkers in the Assessment of Sports-Related Concussionâ€"A Systematic Review in the Context of Their Biological Significance. Clinical Journal of Sport Medicine, 2018, 28, 561-571.	0.9	31
99	Lipidome as a predictive tool in progression to type 2 diabetes in Finnish men. Metabolism: Clinical and Experimental, 2018, 78, 1-12.	1.5	117
100	Brain death and postmortem organ donation: report of a questionnaire from the CENTER-TBI study. Critical Care, 2018, 22, 306.	2.5	11
101	A computational framework to integrate high-throughput â€˜omicsâ€™ datasets for the identification of potential mechanistic links. Nature Protocols, 2018, 13, 2781-2800.	5.5	82
102	An Overview of Metabolomics Data Analysis: Current Tools and Future Perspectives. Comprehensive Analytical Chemistry, 2018, 82, 387-413.	0.7	52
103	Saturated Fat Is More Metabolically Harmful for the Human Liver Than Unsaturated Fat or Simple Sugars. Diabetes Care, 2018, 41, 1732-1739.	4.3	266
104	Serum Metabolites Associated with Computed Tomography Findings after Traumatic Brain Injury. Journal of Neurotrauma, 2018, 35, 2673-2683.	1.7	20
105	42.3 METABOLOMICS APPROACHES TO STUDY METABOLIC CO-MORBIDITIES IN PSYCHOTIC DISORDERS. Schizophrenia Bulletin, 2018, 44, S69-S69.	2.3	2
106	Dynamics of Plasma Lipidome in Progression to Islet Autoimmunity and Type 1 Diabetes â€“ Type 1 Diabetes Prediction and Prevention Study (DIPP). Scientific Reports, 2018, 8, 10635.	1.6	56
107	MS-based lipidomics of human blood plasma: a community-initiated position paper to develop accepted guidelines. Journal of Lipid Research, 2018, 59, 2001-2017.	2.0	231
108	Serum, plasma and erythrocyte membrane lipidomes in infants fed formula supplemented with bovine milk fat globule membranes. Pediatric Research, 2018, 84, 726-732.	1.1	32

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109	A longitudinal plasma lipidomics dataset from children who developed islet autoimmunity and type 1 diabetes. Scientific Data, 2018, 5, 180250.	2.4	23
110	Longitudinal plasma metabolic profiles, infant feeding, and islet autoimmunity in the MIDIA study. Pediatric Diabetes, 2017, 18, 111-119.	1.2	12
111	Sphingolipids and glycerophospholipids â€“ The â€œying and yangâ€•of lipotoxicity in metabolic diseases. Progress in Lipid Research, 2017, 66, 14-29.	5.3	96
112	Impaired hepatic lipid synthesis from polyunsaturated fatty acids in TM6SF2 E167K variant carriers with NAFLD. Journal of Hepatology, 2017, 67, 128-136.	1.8	97
113	Lipidomics in biomedical research-practical considerations. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 800-803.	1.2	28
114	Harmonizing lipidomics: NIST interlaboratory comparison exercise for lipidomics using SRM 1950â€“Metabolites in Frozen Human Plasma. Journal of Lipid Research, 2017, 58, 2275-2288.	2.0	312
115	Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. Cell Metabolism, 2017, 26, 212-229.e12.	7.2	167
116	Identification of a plasma signature of psychotic disorder in children and adolescents from the Avon Longitudinal Study of Parents and Children (ALSPAC) cohort. Translational Psychiatry, 2017, 7, e1240-e1240.	2.4	38
117	PPARÎ³ Modulates Long Chain Fatty Acid Processing in the Intestinal Epithelium. International Journal of Molecular Sciences, 2017, 18, 2559.	1.8	43
118	Metabolomics Profiling As a Diagnostic Tool in Severe Traumatic Brain Injury. Frontiers in Neurology, 2017, 8, 398.	1.1	36
119	Variation in monitoring and treatment policies for intracranial hypertension in traumatic brain injury: a survey in 66 neurotrauma centers participating in the CENTER-TBI study. Critical Care, 2017, 21, 233.	2.5	88
120	Perspectives on Systems Modeling of Human Peripheral Blood Mononuclear Cells. Frontiers in Molecular Biosciences, 2017, 4, 96.	1.6	65
121	Targeted Serum Metabolite Profiling Identifies Metabolic Signatures in Patients with Alzheimer's Disease, Normal Pressure Hydrocephalus and Brain Tumor. Frontiers in Neuroscience, 2017, 11, 747.	1.4	14
122	A Healthy Nordic Diet Alters the Plasma Lipidomic Profile in Adults with Features of Metabolic Syndrome in a Multicenter Randomized Dietary Intervention. Journal of Nutrition, 2016, 146, 662-672.	1.3	68
123	Variation in Structure and Process of Care in Traumatic Brain Injury: Provider Profiles of European Neurotrauma Centers Participating in the CENTER-TBI Study. PLoS ONE, 2016, 11, e0161367.	1.1	50
124	Metabolic transformations of dietary polyphenols: comparison between in vitro colonic and hepatic models and in vivo urinary metabolites. Journal of Nutritional Biochemistry, 2016, 33, 111-118.	1.9	37
125	Metabolomics enables precision medicine: â€œA White Paper, Community Perspectiveâ€• Metabolomics, 2016, 12, 149.	1.4	434
126	The MBOAT7 variant rs641738 alters hepatic phosphatidylinositols and increases severity of non-alcoholic fatty liver disease in humans. Journal of Hepatology, 2016, 65, 1263-1265.	1.8	140

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127	The Dynamics of the Human Infant Gut Microbiome in Development and in Progression toward Type 1 Diabetes. Cell Host and Microbe, 2016, 20, 121.	5.1	7
128	Serum metabolite profile associates with the development of metabolic co-morbidities in first-episode psychosis. Translational Psychiatry, 2016, 6, e951-e951.	2.4	38
129	Imbalance of plasma amino acids, metabolites and lipids in patients with lysinuric protein intolerance (LPI). Metabolism: Clinical and Experimental, 2016, 65, 1361-1375.	1.5	9
130	Human gut microbes impact host serum metabolome and insulin sensitivity. Nature, 2016, 535, 376-381.	13.7	1,506
131	Human Serum Metabolites Associate With Severity and Patient Outcomes in Traumatic Brain Injury. EBioMedicine, 2016, 12, 118-126.	2.7	76
132	Genome-scale study reveals reduced metabolic adaptability in patients with non-alcoholic fatty liver disease. Nature Communications, 2016, 7, 8994.	5.8	103
133	Prolonged sleep restriction induces changes in pathways involved in cholesterol metabolism and inflammatory responses. Scientific Reports, 2016, 6, 24828.	1.6	72
134	Noninvasive Detection of Nonalcoholic Steatohepatitis UsingÂClinical Markers and Circulating Levels of Lipids andÂMetabolites. Clinical Gastroenterology and Hepatology, 2016, 14, 1463-1472.e6.	2.4	120
135	Interaction between dietary lipids and gut microbiota regulates hepatic cholesterol metabolism. Journal of Lipid Research, 2016, 57, 474-481.	2.0	72
136	Hepatic ceramides dissociate steatosis and insulin resistance in patients with non-alcoholic fatty liver disease. Journal of Hepatology, 2016, 64, 1167-1175.	1.8	342
137	Data standards can boost metabolomics research, and if there is a will, there is a way. Metabolomics, 2016, 12, 14.	1.4	97
138	Bioanalytical techniques in nontargeted clinical lipidomics. Bioanalysis, 2016, 8, 351-364.	0.6	37
139	Modeling strategies to study metabolic pathways in progression to type 1 diabetes â€“ Challenges and opportunities. Archives of Biochemistry and Biophysics, 2016, 589, 131-137.	1.4	13
140	The effect of atorvastatin treatment on serum oxysterol concentrations and cytochrome P450 3A4 activity. British Journal of Clinical Pharmacology, 2015, 80, 473-479.	1.1	18
141	The Metabolome in Finnish Carriers of the MYBPC3-Q1061X Mutation for Hypertrophic Cardiomyopathy. PLoS ONE, 2015, 10, e0134184.	1.1	18
142	COordination of Standards in MetabOlomicS (COSMOS): facilitating integrated metabolomics data access. Metabolomics, 2015, 11, 1587-1597.	1.4	140
143	The Dynamics of the Human Infant Gut Microbiome in Development and in Progression toward Type 1 Diabetes. Cell Host and Microbe, 2015, 17, 260-273.	5.1	1,008
144	O045 : Bioactive lipids in the human liver in â€˜Common NAFLDâ€™ and â€˜PNPLA3 NAFLDâ€™. Journal of Hepatology, 2015, 62, S211.	1.8	0

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145	Role of Microbiota in Regulating Host Lipid Metabolism and Disease Risk. Molecular and Integrative Toxicology, 2015, , 235-260.	0.5	1
146	The influence of sample collection methodology and sample preprocessing on the blood metabolic profile. Bioanalysis, 2015, 7, 991-1006.	0.6	32
147	Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI). Neurosurgery, 2015, 76, 67-80.	0.6	386
148	Optimizing the lipidomics workflow for clinical studiesâ€"practical considerations. Analytical and Bioanalytical Chemistry, 2015, 407, 4973-4993.	1.9	70
149	Analytical Lipidomics in Metabolic and Clinical Research. Trends in Endocrinology and Metabolism, 2015, 26, 671-673.	3.1	24
150	Serum Lipid and Serum Metabolite Components in relation to anthropometric parameters in EPIC-Potsdam participants. Metabolism: Clinical and Experimental, 2015, 64, 1348-1358.	1.5	8
151	Circulating triacylglycerol signatures and insulin sensitivity in NAFLD associated with the E167K variant in TM6SF2. Journal of Hepatology, 2015, 62, 657-663.	1.8	104
152	Self-organization and missing values in SOM and GTM. Neurocomputing, 2015, 147, 60-70.	3.5	84
153	Increased Dihydroceramide/Ceramide Ratio Mediated by Defective Expression of degs1 Impairs Adipocyte Differentiation and Function. Diabetes, 2015, 64, 1180-1192.	0.3	55
154	Roux-en-Y Gastric Bypass Surgery Induces Early Plasma Metabolomic and Lipidomic Alterations in Humans Associated with Diabetes Remission. PLoS ONE, 2015, 10, e0126401.	1.1	66
155	Effects of Whole Grain, Fish and Bilberries on Serum Metabolic Profile and Lipid Transfer Protein Activities: A Randomized Trial (Sysdimet). PLoS ONE, 2014, 9, e90352.	1.1	60
156	The Gut Microbiota Modulates Glycaemic Control and Serum Metabolite Profiles in Non-Obese Diabetic Mice. PLoS ONE, 2014, 9, e110359.	1.1	43
157	Metabolomics to Study Psychotic Disorders and Their Metabolic Comorbidities. Advances in Biological Psychiatry, 2014, , 74-74.	0.2	0
158	Overexpression of PPARÎ³ Specifically in Pancreatic Î²-Cells Exacerbates Obesity-Induced Glucose Intolerance, Reduces Î²-Cell Mass, and Alters Islet Lipid Metabolism in Male Mice. Endocrinology, 2014, 155, 3843-3852.	1.4	13
159	MS-Based Lipidomics. Comprehensive Analytical Chemistry, 2014, 64, 375-393.	0.7	0
160	Monounsaturated fatty acids in serum triacylglycerols are associated with response to neoadjuvant chemotherapy in breast cancer patients. International Journal of Cancer, 2014, 134, 1725-1733.	2.3	40
161	Isoenergetic diets differing in their nâ€3 fatty acid and polyphenol content reflect different plasma and HDLâ€fraction lipidomic profiles in subjects at high cardiovascular risk. Molecular Nutrition and Food Research, 2014, 58, 1873-1882.	1.5	29
162	High-Dose Simvastatin Exhibits Enhanced Lipid-Lowering Effects Relative to Simvastatin/Ezetimibe Combination Therapy. Circulation: Cardiovascular Genetics, 2014, 7, 955-964.	5.1	13

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163	Quantitative profiling of bile acids in blood, adipose tissue, intestine, and gall bladder samples using ultra high performance liquid chromatography-tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2014, 406, 7799-7815.	1.9	55
164	The DEXLIFE study methods: Identifying novel candidate biomarkers that predict progression to type 2 diabetes in high risk individuals. Diabetes Research and Clinical Practice, 2014, 106, 383-389.	1.1	12
165	Metabolome and fecal microbiota in monozygotic twin pairs discordant for weight: a Big Mac challenge. FASEB Journal, 2014, 28, 4169-4179.	0.2	30
166	Phenolic metabolites as compliance biomarker for polyphenol intake in a randomized controlled human intervention. Food Research International, 2014, 63, 233-238.	2.9	25
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