

# Matej Oresic

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

332  
papers

24,266  
citations

78  
h-index

149  
g-index

371  
ext. papers

29,303  
ext. citations

7  
avg, IF

6.83  
L-index

#	Paper	IF	Citations
332	Neurocognitive correlates of probable posttraumatic stress disorder following traumatic brain injury. <i>Brain and Spine</i> , <b>2022</b> , 2, 100854		0
331	Effect of frailty on 6-month outcome after traumatic brain injury: a multicentre cohort study with external validation.. <i>Lancet Neurology</i> , <b>2022</b> , 21, 153-162	24.1	2
330	Increased serum miR-193a-5p during non-alcoholic fatty liver disease progression: Diagnostic and mechanistic relevance.. <i>JHEP Reports</i> , <b>2022</b> , 4, 100409	10.3	4
329	Permutation-based significance analysis reduces the type 1 error rate in bisulfite sequencing data analysis of human umbilical cord blood samples.. <i>Epigenetics</i> , <b>2022</b> , 1-20	5.7	1
328	A genome-wide association study of outcome from traumatic brain injury.. <i>EBioMedicine</i> , <b>2022</b> , 77, 103933	13.8	0
327	Plasma lipid alterations in young adults with psychotic experiences: A study from the Avon Longitudinal Study of Parents and Children cohort.. <i>Schizophrenia Research</i> , <b>2022</b> , 243, 78-85	3.6	0
326	Metabolic signatures across the full spectrum of non-alcoholic fatty liver disease.. <i>JHEP Reports</i> , <b>2022</b> , 4, 100477	10.3	2
325	Serum metabolome associated with severity of acute traumatic brain injury.. <i>Nature Communications</i> , <b>2022</b> , 13, 2545	17.4	2
324	Potential Transdiagnostic Lipid Mediators of Inflammatory Activity in Individuals With Serious Mental Illness.. <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 778325	5	0
323	Questionnaires vs Interviews for the Assessment of Global Functional Outcomes After Traumatic Brain Injury. <i>JAMA Network Open</i> , <b>2021</b> , 4, e2134121	10.4	0
322	Quantitative genome-scale metabolic modeling of human CD4 T <sub>H</sub> cell differentiation reveals subset-specific regulation of glycosphingolipid pathways. <i>Cell Reports</i> , <b>2021</b> , 37, 109973	10.6	0
321	Analysis of the SYSDIET Healthy Nordic Diet randomized trial based on metabolic profiling reveal beneficial effects on glucose metabolism and blood lipids.. <i>Clinical Nutrition</i> , <b>2021</b> , 41, 441-451	5.9	1
320	Exposure to environmental contaminants is associated with altered hepatic lipid metabolism in non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , <b>2021</b> ,	13.4	12
319	Explaining Outcome Differences between Men and Women following Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , <b>2021</b> , 38, 3315-3331	5.4	6
318	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. <i>Journal of Neurotrauma</i> , <b>2021</b> , 38, 186-200	5.4	4
317	Differences between Men and Women in Treatment and Outcome after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , <b>2021</b> , 38, 235-251	5.4	12
316	Persistent postconcussive symptoms in children and adolescents with mild traumatic brain injury receiving initial head computed tomography. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2021</b> , 1-10	2.1	2

315	Activation of pregnane X receptor induces atherogenic lipids and PCSK9 by a SREBP2-mediated mechanism. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178, 2461-2481	8.6	4
314	Human and preclinical studies of the host-gut microbiome co-metabolite hippurate as a marker and mediator of metabolic health. <i>Gut</i> , <b>2021</b> , 70, 2105-2114	19.2	13
313	Conjugated C-6 hydroxylated bile acids in serum relate to human metabolic health and gut Clostridia species. <i>Scientific Reports</i> , <b>2021</b> , 11, 13252	4.9	0
312	Interpreting the lipidome: bioinformatic approaches to embrace the complexity. <i>Metabolomics</i> , <b>2021</b> , 17, 55	4.7	0
311	Missing Data in Prediction Research: A Five-Step Approach for Multiple Imputation, Illustrated in the CENTER-TBI Study. <i>Journal of Neurotrauma</i> , <b>2021</b> , 38, 1842-1857	5.4	4
310	Management of arterial partial pressure of carbon dioxide in the first week after traumatic brain injury: results from the CENTER-TBI study. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 961-973	14.5	2
309	Association Between Circulating Lipids and Future Weight Gain in Individuals With an At-Risk Mental State and in First-Episode Psychosis. <i>Schizophrenia Bulletin</i> , <b>2021</b> , 47, 160-169	1.3	7
308	Dysregulated Lipid Metabolism Precedes Onset of Psychosis. <i>Biological Psychiatry</i> , <b>2021</b> , 89, 288-297	7.9	10
307	Frequency of fatigue and its changes in the first 6 months after traumatic brain injury: results from the CENTER-TBI study. <i>Journal of Neurology</i> , <b>2021</b> , 268, 61-73	5.5	2
306	Systems biology approaches to study lipidomes in health and disease. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2021</b> , 1866, 158857	5	13
305	Outcome Prediction after Moderate and Severe Traumatic Brain Injury: External Validation of Two Established Prognostic Models in 1742 European Patients. <i>Journal of Neurotrauma</i> , <b>2021</b> , 38, 1377-1388	5.4	11
304	Global Characterisation of Coagulopathy in Isolated Traumatic Brain Injury (iTBI): A CENTER-TBI Analysis. <i>Neurocritical Care</i> , <b>2021</b> , 35, 184-196	3.3	8
303	Deep learning meets metabolomics: a methodological perspective. <i>Briefings in Bioinformatics</i> , <b>2021</b> , 22, 1531-1542	13.4	20
302	Linking Gut Microbiome and Lipid Metabolism: Moving beyond Associations. <i>Metabolites</i> , <b>2021</b> , 11,	5.6	15
301	The Role of Omic Technologies in the Study of the Human Gut Microbiome <b>2021</b> , 469-481		
300	Glucosylceramide synthase deficiency in the heart compromises $\beta$ -adrenergic receptor trafficking. <i>European Heart Journal</i> , <b>2021</b> , 42, 4481-4492	9.5	5
299	Perfluoroalkyl substances are increased in patients with late-onset ulcerative colitis and induce intestinal barrier defects in murine intestinal tissue. <i>Scandinavian Journal of Gastroenterology</i> , <b>2021</b> , 56, 1286-1295	2.4	0
298	Allostatic hypermetabolic response in PGC1 $\beta$ heterozygote mouse despite mitochondrial defects. <i>FASEB Journal</i> , <b>2021</b> , 35, e21752	0.9	0

297	Fluid balance and outcome in critically ill patients with traumatic brain injury (CENTER-TBI and OzENTER-TBI): a prospective, multicentre, comparative effectiveness study. <i>Lancet Neurology, The</i> , <b>2021</b> , 20, 627-638	24.1	6
296	Occurrence and timing of withdrawal of life-sustaining measures in traumatic brain injury patients: a CENTER-TBI study. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 1115-1129	14.5	1
295	Primary versus early secondary referral to a specialized neurotrauma center in patients with moderate/severe traumatic brain injury: a CENTER TBI study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , <b>2021</b> , 29, 113	3.6	2
294	Lipidomic Analyses Reveal Modulation of Lipid Metabolism by the PFAS Perfluoroundecanoic Acid (PFUnDA) in Non-Obese Diabetic Mice. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 721507	4.5	2
293	Pathological Computed Tomography Features Associated With Adverse Outcomes After Mild Traumatic Brain Injury: A TRACK-TBI Study With External Validation in CENTER-TBI. <i>JAMA Neurology</i> , <b>2021</b> , 78, 1137-1148	17.2	10
292	Metabolomics and lipidomics in NAFLD: biomarkers and non-invasive diagnostic tests. <i>Nature Reviews Gastroenterology and Hepatology</i> , <b>2021</b> , 18, 835-856	24.2	27
291	Diagnostic accuracy of elastography and magnetic resonance imaging in patients with NAFLD: A systematic review and meta-analysis. <i>Journal of Hepatology</i> , <b>2021</b> , 75, 770-785	13.4	19
290	Exposure to per- and polyfluoroalkyl substances associates with an altered lipid composition of breast milk. <i>Environment International</i> , <b>2021</b> , 157, 106855	12.9	5
289	Can We Cluster ICU Treatment Strategies for Traumatic Brain Injury by Hospital Treatment Preferences?. <i>Neurocritical Care</i> , <b>2021</b> , 1	3.3	0
288	Lipidomic and Metabolomic Signature of Progression of Chronic Kidney Disease in Patients with Severe Obesity.. <i>Metabolites</i> , <b>2021</b> , 11,	5.6	1
287	Extended Coagulation Profiling in Isolated Traumatic Brain Injury: A CENTER-TBI Analysis.. <i>Neurocritical Care</i> , <b>2021</b> , 1	3.3	0
286	The PNPLA3-I148M variant increases polyunsaturated triglycerides in human adipose tissue. <i>Liver International</i> , <b>2020</b> , 40, 2128-2138	7.9	13
285	Impact of Antithrombotic Agents on Radiological Lesion Progression in Acute Traumatic Brain Injury: A CENTER-TBI Propensity-Matched Cohort Analysis. <i>Journal of Neurotrauma</i> , <b>2020</b> , 37, 2069-2080	5.4	9
284	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. <i>BMC Medical Ethics</i> , <b>2020</b> , 21, 36	2.9	5
283	MARC1 variant rs2642438 increases hepatic phosphatidylcholines and decreases severity of non-alcoholic fatty liver disease in humans. <i>Journal of Hepatology</i> , <b>2020</b> , 73, 725-726	13.4	16
282	Building an international consortium for tracking coronavirus health status. <i>Nature Medicine</i> , <b>2020</b> , 26, 1161-1165	50.5	16
281	Comparison of Care System and Treatment Approaches for Patients with Traumatic Brain Injury in China versus Europe: A CENTER-TBI Survey Study. <i>Journal of Neurotrauma</i> , <b>2020</b> , 37, 1806-1817	5.4	7
280	Machine learning algorithms performed no better than regression models for prognostication in traumatic brain injury. <i>Journal of Clinical Epidemiology</i> , <b>2020</b> , 122, 95-107	5.7	47

279	Double Derivatization Strategy for High-Sensitivity and High-Coverage Localization of Double Bonds in Free Fatty Acids by Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 6446-6455	7.8	10
278	Integrative Analysis of Circulating Metabolite Profiles and Magnetic Resonance Imaging Metrics in Patients with Traumatic Brain Injury. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	4
277	Prenatal exposure to perfluoroalkyl substances modulates neonatal serum phospholipids, increasing risk of type 1 diabetes. <i>Environment International</i> , <b>2020</b> , 143, 105935	12.9	15
276	Metabolic alterations in immune cells associate with progression to type 1 diabetes. <i>Diabetologia</i> , <b>2020</b> , 63, 1017-1031	10.3	16
275	Enhanced liver fibrosis test for the non-invasive diagnosis of fibrosis in patients with NAFLD: A systematic review and meta-analysis. <i>Journal of Hepatology</i> , <b>2020</b> , 73, 252-262	13.4	65
274	4-Hydroxycholesterol Signals From the Liver to Regulate Peripheral Cholesterol Transporters. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 361	5.6	8
273	Hydroxysteroid 17- $\alpha$ -dehydrogenase 13 variant increases phospholipids and protects against fibrosis in nonalcoholic fatty liver disease. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	33
272	Informed consent procedures in patients with an acute inability to provide informed consent: Policy and practice in the CENTER-TBI study. <i>Journal of Critical Care</i> , <b>2020</b> , 59, 6-15	4	4
271	Toward a New Multi-Dimensional Classification of Traumatic Brain Injury: A Collaborative European NeuroTrauma Effectiveness Research for Traumatic Brain Injury Study. <i>Journal of Neurotrauma</i> , <b>2020</b> , 37, 1002-1010	5.4	9
270	Prognostic Validation of the NINDS Common Data Elements for the Radiologic Reporting of Acute Traumatic Brain Injuries: A CENTER-TBI Study. <i>Journal of Neurotrauma</i> , <b>2020</b> , 37, 1269-1282	5.4	4
269	Simultaneous determination of perfluoroalkyl substances and bile acids in human serum using ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 2251-2259	4.4	20
268	Early-life exposure to perfluorinated alkyl substances modulates lipid metabolism in progression to celiac disease. <i>Environmental Research</i> , <b>2020</b> , 188, 109864	7.9	7
267	Metabolic Signatures of the Exposome-Quantifying the Impact of Exposure to Environmental Chemicals on Human Health. <i>Metabolites</i> , <b>2020</b> , 10,	5.6	16
266	Transcriptomic profiling across the nonalcoholic fatty liver disease spectrum reveals gene signatures for steatohepatitis and fibrosis. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	51
265	Predictors of Access to Rehabilitation in the Year Following Traumatic Brain Injury: A European Prospective and Multicenter Study. <i>Neurorehabilitation and Neural Repair</i> , <b>2020</b> , 34, 814-830	4.7	5
264	Tracheal intubation in traumatic brain injury: a multicentre prospective observational study. <i>British Journal of Anaesthesia</i> , <b>2020</b> , 125, 505-517	5.4	9
263	Health-related quality of life after traumatic brain injury: deriving value sets for the QOLIBRI-OS for Italy, The Netherlands and The United Kingdom. <i>Quality of Life Research</i> , <b>2020</b> , 29, 3095-3107	3.7	1
262	Links between central CB1-receptor availability and peripheral endocannabinoids in patients with first episode psychosis. <i>NPJ Schizophrenia</i> , <b>2020</b> , 6, 21	5.5	10

261	Circulating metabolites in progression to islet autoimmunity and type 1 diabetes. <i>Diabetologia</i> , <b>2019</b> , 62, 2287-2297	10.3	15
260	Case-mix, care pathways, and outcomes in patients with traumatic brain injury in CENTER-TBI: a European prospective, multicentre, longitudinal, cohort study. <i>Lancet Neurology</i> , <b>2019</b> , 18, 923-934	24.1	139
259	Lipidomes in health and disease: Analytical strategies and considerations. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 120, 115664	14.6	16
258	Targeted Clinical Metabolite Profiling Platform for the Stratification of Diabetic Patients. <i>Metabolites</i> , <b>2019</b> , 9,	5.6	10
257	Metabolic Modeling of Human Gut Microbiota on a Genome Scale: An Overview. <i>Metabolites</i> , <b>2019</b> , 9,	5.6	50
256	Cord-Blood Lipidome in Progression to Islet Autoimmunity and Type 1 Diabetes. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	13
255	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. <i>Biological Psychiatry</i> , <b>2019</b> , 86, 25-34	7.9	13
254	Deficient Endoplasmic Reticulum-Mitochondrial Phosphatidylserine Transfer Causes Liver Disease. <i>Cell</i> , <b>2019</b> , 177, 881-895.e17	56.2	109
253	The Consortium of Metabolomics Studies (COMETS): Metabolomics in 47 Prospective Cohort Studies. <i>American Journal of Epidemiology</i> , <b>2019</b> , 188, 991-1012	3.8	44
252	Metabolomics Analytics Workflow for Epidemiological Research: Perspectives from the Consortium of Metabolomics Studies (COMETS). <i>Metabolites</i> , <b>2019</b> , 9,	5.6	16
251	Human PNPLA3-I148M variant increases hepatic retention of polyunsaturated fatty acids. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	48
250	Persistent Alterations in Plasma Lipid Profiles Before Introduction of Gluten in the Diet Associated With Progression to Celiac Disease. <i>Clinical and Translational Gastroenterology</i> , <b>2019</b> , 10, 1-10	4.2	15
249	Effect of perfluorooctanesulfonic acid (PFOS) on the liver lipid metabolism of the developing chicken embryo. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 170, 691-698	7	17
248	Platform for systems medicine research and diagnostic applications in psychotic disorders-The METSY project. <i>European Psychiatry</i> , <b>2018</b> , 50, 40-46	6	12
247	Gut metabolome meets microbiome: A methodological perspective to understand the relationship between host and microbe. <i>Methods</i> , <b>2018</b> , 149, 3-12	4.6	71
246	Analysis of microbiota in first episode psychosis identifies preliminary associations with symptom severity and treatment response. <i>Schizophrenia Research</i> , <b>2018</b> , 192, 398-403	3.6	177
245	Use of Blood Biomarkers in the Assessment of Sports-Related Concussion-A Systematic Review in the Context of Their Biological Significance. <i>Clinical Journal of Sport Medicine</i> , <b>2018</b> , 28, 561-571	3.2	25
244	Lipidome as a predictive tool in progression to type 2 diabetes in Finnish men. <i>Metabolism: Clinical and Experimental</i> , <b>2018</b> , 78, 1-12	12.7	72

243	42.3 METABOLOMICS APPROACHES TO STUDY METABOLIC CO-MORBIDITIES IN PSYCHOTIC DISORDERS. <i>Schizophrenia Bulletin</i> , <b>2018</b> , 44, S69-S69	1.3	2
242	Dynamics of Plasma Lipidome in Progression to Islet Autoimmunity and Type 1 Diabetes - Type 1 Diabetes Prediction and Prevention Study (DIPP). <i>Scientific Reports</i> , <b>2018</b> , 8, 10635	4.9	31
241	MS-based lipidomics of human blood plasma: a community-initiated position paper to develop accepted guidelines. <i>Journal of Lipid Research</i> , <b>2018</b> , 59, 2001-2017	6.3	146
240	Serum, plasma and erythrocyte membrane lipidomes in infants fed formula supplemented with bovine milk fat globule membranes. <i>Pediatric Research</i> , <b>2018</b> , 84, 726-732	3.2	25
239	A longitudinal plasma lipidomics dataset from children who developed islet autoimmunity and type 1 diabetes. <i>Scientific Data</i> , <b>2018</b> , 5, 180250	8.2	14
238	Brain death and postmortem organ donation: report of a questionnaire from the CENTER-TBI study. <i>Critical Care</i> , <b>2018</b> , 22, 306	10.8	8
237	A computational framework to integrate high-throughput Omics datasets for the identification of potential mechanistic links. <i>Nature Protocols</i> , <b>2018</b> , 13, 2781-2800	18.8	44
236	An Overview of Metabolomics Data Analysis: Current Tools and Future Perspectives. <i>Comprehensive Analytical Chemistry</i> , <b>2018</b> , 82, 387-413	1.9	21
235	Saturated Fat Is More Metabolically Harmful for the Human Liver Than Unsaturated Fat or Simple Sugars. <i>Diabetes Care</i> , <b>2018</b> , 41, 1732-1739	14.6	167
234	Serum Metabolites Associated with Computed Tomography Findings after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , <b>2018</b> , 35, 2673-2683	5.4	11
233	Longitudinal plasma metabolic profiles, infant feeding, and islet autoimmunity in the MIDIA study. <i>Pediatric Diabetes</i> , <b>2017</b> , 18, 111-119	3.6	6
232	Sphingolipids and glycerophospholipids - The "ying and yang" of lipotoxicity in metabolic diseases. <i>Progress in Lipid Research</i> , <b>2017</b> , 66, 14-29	14.3	53
231	Impaired hepatic lipid synthesis from polyunsaturated fatty acids in TM6SF2 E167K variant carriers with NAFLD. <i>Journal of Hepatology</i> , <b>2017</b> , 67, 128-136	13.4	70
230	Lipidomics in biomedical research-practical considerations. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2017</b> , 1862, 800-803	5	24
229	Harmonizing lipidomics: NIST interlaboratory comparison exercise for lipidomics using SRM 1950-Metabolites in Frozen Human Plasma. <i>Journal of Lipid Research</i> , <b>2017</b> , 58, 2275-2288	6.3	220
228	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. <i>Critical Care</i> , <b>2017</b> , 21, 233	10.8	58
227	Perspectives on Systems Modeling of Human Peripheral Blood Mononuclear Cells. <i>Frontiers in Molecular Biosciences</i> , <b>2017</b> , 4, 96	5.6	28
226	Targeted Serum Metabolite Profiling Identifies Metabolic Signatures in Patients with Alzheimer's Disease, Normal Pressure Hydrocephalus and Brain Tumor. <i>Frontiers in Neuroscience</i> , <b>2017</b> , 11, 747	5.1	7

225	Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. <i>Cell Metabolism</i> , <b>2017</b> , 26, 212-229.e12	24.6	128
224	Identification of a plasma signature of psychotic disorder in children and adolescents from the Avon Longitudinal Study of Parents and Children (ALSPAC) cohort. <i>Translational Psychiatry</i> , <b>2017</b> , 7, e1240	8.6	27
223	PPAR $\gamma$ Modulates Long Chain Fatty Acid Processing in the Intestinal Epithelium. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	24
222	Metabolomics Profiling As a Diagnostic Tool in Severe Traumatic Brain Injury. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 398	4.1	21
221	Modeling strategies to study metabolic pathways in progression to type 1 diabetes--Challenges and opportunities. <i>Archives of Biochemistry and Biophysics</i> , <b>2016</b> , 589, 131-7	4.1	9
220	Serum metabolite profile associates with the development of metabolic co-morbidities in first-episode psychosis. <i>Translational Psychiatry</i> , <b>2016</b> , 6, e951	8.6	29
219	Imbalance of plasma amino acids, metabolites and lipids in patients with lysinuric protein intolerance (LPI). <i>Metabolism: Clinical and Experimental</i> , <b>2016</b> , 65, 1361-75	12.7	8
218	Human gut microbes impact host serum metabolome and insulin sensitivity. <i>Nature</i> , <b>2016</b> , 535, 376-81	50.4	977
217	Human Serum Metabolites Associate With Severity and Patient Outcomes in Traumatic Brain Injury. <i>EBioMedicine</i> , <b>2016</b> , 12, 118-126	8.8	61
216	Genome-scale study reveals reduced metabolic adaptability in patients with non-alcoholic fatty liver disease. <i>Nature Communications</i> , <b>2016</b> , 7, 8994	17.4	70
215	Prolonged sleep restriction induces changes in pathways involved in cholesterol metabolism and inflammatory responses. <i>Scientific Reports</i> , <b>2016</b> , 6, 24828	4.9	44
214	Noninvasive Detection of Nonalcoholic Steatohepatitis Using Clinical Markers and Circulating Levels of Lipids and Metabolites. <i>Clinical Gastroenterology and Hepatology</i> , <b>2016</b> , 14, 1463-1472.e6	6.9	82
213	Interaction between dietary lipids and gut microbiota regulates hepatic cholesterol metabolism. <i>Journal of Lipid Research</i> , <b>2016</b> , 57, 474-81	6.3	56
212	Hepatic ceramides dissociate steatosis and insulin resistance in patients with non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , <b>2016</b> , 64, 1167-1175	13.4	252
211	Data standards can boost metabolomics research, and if there is a will, there is a way. <i>Metabolomics</i> , <b>2016</b> , 12, 14	4.7	85
210	Bioanalytical techniques in nontargeted clinical lipidomics. <i>Bioanalysis</i> , <b>2016</b> , 8, 351-64	2.1	29
209	Variation in Structure and Process of Care in Traumatic Brain Injury: Provider Profiles of European Neurotrauma Centers Participating in the CENTER-TBI Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0161367	3.7	40
208	Metabolic transformations of dietary polyphenols: comparison between in vitro colonic and hepatic models and in vivo urinary metabolites. <i>Journal of Nutritional Biochemistry</i> , <b>2016</b> , 33, 111-8	6.3	35



207	Metabolomics enables precision medicine: "A White Paper, Community Perspective". <i>Metabolomics</i> , <b>2016</b> , 12, 149	4.7	327
206	The MBOAT7 variant rs641738 alters hepatic phosphatidylinositols and increases severity of non-alcoholic fatty liver disease in humans. <i>Journal of Hepatology</i> , <b>2016</b> , 65, 1263-1265	13.4	102
205	The Dynamics of the Human Infant Gut Microbiome in Development and in Progression toward Type 1 Diabetes. <i>Cell Host and Microbe</i> , <b>2016</b> , 20, 121	23.4	5
204	Role of Microbiota in Regulating Host Lipid Metabolism and Disease Risk. <i>Molecular and Integrative Toxicology</i> , <b>2015</b> , 235-260	0.5	1
203	The influence of sample collection methodology and sample preprocessing on the blood metabolic profile. <i>Bioanalysis</i> , <b>2015</b> , 7, 991-1006	2.1	26
202	Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI): a prospective longitudinal observational study. <i>Neurosurgery</i> , <b>2015</b> , 76, 67-80	3.2	276
201	Optimizing the lipidomics workflow for clinical studies--practical considerations. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 4973-93	4.4	55
200	Analytical Lipidomics in Metabolic and Clinical Research. <i>Trends in Endocrinology and Metabolism</i> , <b>2015</b> , 26, 671-673	8.8	20
199	Serum Lipid and Serum Metabolite Components in relation to anthropometric parameters in EPIC-Potsdam participants. <i>Metabolism: Clinical and Experimental</i> , <b>2015</b> , 64, 1348-58	12.7	8
198	Circulating triacylglycerol signatures and insulin sensitivity in NAFLD associated with the E167K variant in TM6SF2. <i>Journal of Hepatology</i> , <b>2015</b> , 62, 657-63	13.4	84
197	Self-organization and missing values in SOM and GTM. <i>Neurocomputing</i> , <b>2015</b> , 147, 60-70	5.4	56
196	Increased dihydroceramide/ceramide ratio mediated by defective expression of degs1 impairs adipocyte differentiation and function. <i>Diabetes</i> , <b>2015</b> , 64, 1180-92	0.9	43
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