

Dmitry Grapov

List of Publications by Citations

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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.

34 papers	1,286 citations	23 h-index	35 g-index
35 ext. papers	1,556 ext. citations	4.3 avg, IF	4.49 L-index

#	Paper	IF	Citations
34	Rise of Deep Learning for Genomic, Proteomic, and Metabolomic Data Integration in Precision Medicine. <i>OMICS A Journal of Integrative Biology</i> , 2018 , 22, 630-636	3.8	105
33	Type 2 diabetes associated changes in the plasma non-esterified fatty acids, oxylipins and endocannabinoids. <i>PLoS ONE</i> , 2012 , 7, e48852	3.7	91
32	Metabolomics and transcriptomics identify pathway differences between visceral and subcutaneous adipose tissue in colorectal cancer patients: the ColoCare study. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 433-43	7	83
31	MetaMapR: pathway independent metabolomic network analysis incorporating unknowns. <i>Bioinformatics</i> , 2015 , 31, 2757-60	7.2	82
30	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 Suppl 2, 46-52	2	73
29	Metabox: A Toolbox for Metabolomic Data Analysis, Interpretation and Integrative Exploration. <i>PLoS ONE</i> , 2017 , 12, e0171046	3.7	67
28	Genomic, Proteomic, and Metabolomic Data Integration Strategies. <i>Biomarker Insights</i> , 2015 , 10, 1-6	3.5	59
27	Metabolomic markers of altered nucleotide metabolism in early stage adenocarcinoma. <i>Cancer Prevention Research</i> , 2015 , 8, 410-8	3.2	59
26	Human milk secretory immunoglobulin a and lactoferrin N-glycans are altered in women with gestational diabetes mellitus. <i>Journal of Nutrition</i> , 2013 , 143, 1906-12	4.1	51
25	LC-MS metabolomics of psoriasis patients reveals disease severity-dependent increases in circulating amino acids that are ameliorated by anti-TNF α treatment. <i>Journal of Proteome Research</i> , 2015 , 14, 557-66	5.6	50
24	Review of emerging metabolomic tools and resources: 2015-2016. <i>Electrophoresis</i> , 2017 , 38, 2257-2274	3.6	40
23	Metabolomics in psoriatic disease: pilot study reveals metabolite differences in psoriasis and psoriatic arthritis. <i>F1000Research</i> , 2014 , 3, 248	3.6	40
22	Systemic alterations in the metabolome of diabetic NOD mice delineate increased oxidative stress accompanied by reduced inflammation and hypertriglyceremia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 308, E978-89	6	37
21	Improved metabolic health alters host metabolism in parallel with changes in systemic xeno-metabolites of gut origin. <i>PLoS ONE</i> , 2014 , 9, e84260	3.7	34
20	imDEV: a graphical user interface to R multivariate analysis tools in Microsoft Excel. <i>Bioinformatics</i> , 2012 , 28, 2288-90	7.2	33
19	Acute and chronic plasma metabolomic and liver transcriptomic stress effects in a mouse model with features of post-traumatic stress disorder. <i>PLoS ONE</i> , 2015 , 10, e0117092	3.7	31
18	Serum phosphatidylethanolamine levels distinguish benign from malignant solitary pulmonary nodules and represent a potential diagnostic biomarker for lung cancer. <i>Cancer Biomarkers</i> , 2016 , 16, 609-17	3.8	31

17	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 Suppl 2, 20-6	2	30
16	Dietary long-chain omega-3 fatty acids do not diminish eosinophilic pulmonary inflammation in mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014 , 50, 626-36	5.7	29
15	Diabetes Associated Metabolomic Perturbations in NOD Mice. <i>Metabolomics</i> , 2015 , 11, 425-437	4.7	26
14	Proteomic profiling of lung adenocarcinoma indicates heightened DNA repair, antioxidant mechanisms and identifies LASP1 as a potential negative predictor of survival. <i>Clinical Proteomics</i> , 2016 , 13, 31	5	26
13	The human colostrum whey proteome is altered in gestational diabetes mellitus. <i>Journal of Proteome Research</i> , 2015 , 14, 512-20	5.6	25
12	Omega-6 and omega-3 oxylipins are implicated in soybean oil-induced obesity in mice. <i>Scientific Reports</i> , 2017 , 7, 12488	4.9	23
11	Gene expression profiling in pachyonychia congenita skin. <i>Journal of Dermatological Science</i> , 2015 , 77, 156-65	4.3	21
10	Cardiac steatosis potentiates angiotensin II effects in the heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 308, H339-50	5.2	20
9	Primary HCMV infection in pregnancy from classic data towards metabolomics: An exploratory analysis. <i>Clinica Chimica Acta</i> , 2016 , 460, 23-32	6.2	20
8	Galloyl depsides of tyrosine from young leaves of <i>Inga laurina</i> . <i>Journal of Natural Products</i> , 2007 , 70, 134-6	4.9	20
7	Metabolic perturbations of postnatal growth restriction and hyperoxia-induced pulmonary hypertension in a bronchopulmonary dysplasia model. <i>Metabolomics</i> , 2017 , 13, 1	4.7	19
6	Umbilical cord blood metabolomics reveal distinct signatures of dyslipidemia prior to bronchopulmonary dysplasia and pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018 , 315, L870-L881	5.8	19
5	Exercise plasma metabolomics and xenometabolomics in obese, sedentary, insulin-resistant women: impact of a fitness and weight loss intervention. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 317, E999-E1014	6	14
4	The Human Serum Metabolome of Vitamin B-12 Deficiency and Repletion, and Associations with Neurological Function in Elderly Adults. <i>Journal of Nutrition</i> , 2017 , 147, 1839-1849	4.1	12
3	High-dose simvastatin exhibits enhanced lipid-lowering effects relative to simvastatin/ezetimibe combination therapy. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 955-964		8
2	Insulin induces a shift in lipid and primary carbon metabolites in a model of fasting-induced insulin resistance. <i>Metabolomics</i> , 2017 , 13, 1	4.7	6
1	Impact of a weight loss and fitness intervention on exercise-associated plasma oxylipin patterns in obese, insulin-resistant, sedentary women. <i>Physiological Reports</i> , 2020 , 8, e14547	2.6	2