Dmitry Grapov

List of Publications by Year
in descending order

34	1,740	218662	377849
papers	citations	26 h-index	34 g-index

35	35	35	4112
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rise of Deep Learning for Genomic, Proteomic, and Metabolomic Data Integration in Precision Medicine. OMICS A Journal of Integrative Biology, 2018, 22, 630-636.	2.0	152
2	Metabolomics and transcriptomics identify pathway differences between visceral and subcutaneous adipose tissue in colorectal cancer patients: the ColoCare study. American Journal of Clinical Nutrition, 2015, 102, 433-443.	4.7	113
3	Type 2 Diabetes Associated Changes in the Plasma Non-Esterified Fatty Acids, Oxylipins and Endocannabinoids. PLoS ONE, 2012, 7, e48852.	2.5	109
4	MetaMapR: pathway independent metabolomic network analysis incorporating unknowns. Bioinformatics, 2015, 31, 2757-2760.	4.1	101
5	The urinary metabolomics profile of an Italian autistic children population and their unaffected siblings. Journal of Maternal-Fetal and Neonatal Medicine, 2014, 27, 46-52.	1.5	98
6	Metabox: A Toolbox for Metabolomic Data Analysis, Interpretation and Integrative Exploration. PLoS ONE, 2017, 12, e0171046.	2.5	85
7	LCâ€“MS Metabolomics of Psoriasis Patients Reveals Disease Severity-Dependent Increases in Circulating Amino Acids That Are Ameliorated by Anti-TNFÎ± Treatment. Journal of Proteome Research, 2015, 14, 557-566.	3.7	84
8	Metabolomic Markers of Altered Nucleotide Metabolism in Early Stage Adenocarcinoma. Cancer Prevention Research, 2015, 8, 410-418.	1.5	79
9	Human Milk Secretory Immunoglobulin A and Lactoferrin N-Glycans Are Altered in Women with Gestational Diabetes Mellitus. Journal of Nutrition, 2013, 143, 1906-1912.	2.9	75
10	Genomic, Proteomic, and Metabolomic Data Integration Strategies. Biomarker Insights, 2015, 10s4, BMI.S29511.	2.5	74
11	Metabolomics in psoriatic disease: pilot study reveals metabolite differences in psoriasis and psoriatic arthritis. F1000Research, 2014, 3, 248.	1.6	61
12	Systemic alterations in the metabolome of diabetic NOD mice delineate increased oxidative stress accompanied by reduced inflammation and hypertriglyceremia. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E978-E989.	3.5	46
13	Omega-6 and omega-3 oxylipins are implicated in soybean oil-induced obesity in mice. Scientific Reports, 2017, 7, 12488.	3.3	46
14	Review of emerging metabolomic tools and resources: 2015â€“2016. Electrophoresis, 2017, 38, 2257-2274.	2.4	45
15	Serum phosphatidylethanolamine levels distinguish benign from malignant solitary pulmonary nodules and represent a potential diagnostic biomarker for lung cancer. Cancer Biomarkers, 2016, 16, 609-617.	1.7	42
16	Improved Metabolic Health Alters Host Metabolism in Parallel with Changes in Systemic Xeno-Metabolites of Gut Origin. PLoS ONE, 2014, 9, e84260.	2.5	39
17	Proteomic profiling of lung adenocarcinoma indicates heightened DNA repair, antioxidant mechanisms and identifies LASP1 as a potential negative predictor of survival. Clinical Proteomics, 2016, 13, 31.	2.1	39
18	Acute and Chronic Plasma Metabolomic and Liver Transcriptomic Stress Effects in a Mouse Model with Features of Post-Traumatic Stress Disorder. PLoS ONE, 2015, 10, e0117092.	2.5	36

#	Article	IF	Citations
19	imDEV: a graphical user interface to R multivariate analysis tools in Microsoft Excel. Bioinformatics, 2012, 28, 2288-2290.	4.1	34
20	Urinary metabolomics (GC-MS) reveals that low and high birth weight infants share elevated inositol concentrations at birth. Journal of Maternal-Fetal and Neonatal Medicine, 2014, 27, 20-26.	1.5	34
21	Dietary Long-Chain Omega-3 Fatty Acids Do Not Diminish Eosinophilic Pulmonary Inflammation in Mice. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 626-636.	2.9	34
22	Umbilical cord blood metabolomics reveal distinct signatures of dyslipidemia prior to bronchopulmonary dysplasia and pulmonary hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L870-L881.	2.9	34
23	The Human Colostrum Whey Proteome Is Altered in Gestational Diabetes Mellitus. Journal of Proteome Research, 2015, 14, 512-520.	3.7	33
24	Diabetes associated metabolomic perturbations in NOD mice. Metabolomics, 2015, 11, 425-437.	3.0	33
25	Gene expression profiling in pachyonychia congenita skin. Journal of Dermatological Science, 2015, 77, 156-165.	1.9	33
26	Cardiac steatosis potentiates angiotensin II effects in the heart. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H339-H350.	3.2	30
27	Galloyl Depsides of Tyrosine from Young Leaves of Inga laurina. Journal of Natural Products, 2007, 70, 134-136.	3.0	25
28	Exercise plasma metabolomics and xenometabolomics in obese, sedentary, insulin-resistant women: impact of a fitness and weight loss intervention. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E999-E1014.	3.5	25
29	Primary HCMV infection in pregnancy from classic data towards metabolomics: An exploratory analysis. Clinica Chimica Acta, 2016, 460, 23-32.	1.1	23
30	Metabolic perturbations of postnatal growth restriction and hyperoxia-induced pulmonary hypertension in a bronchopulmonary dysplasia model. Metabolomics, 2017, 13, 1.	3.0	23
31	The Human Serum Metabolome of Vitamin B-12 Deficiency and Repletion, and Associations with Neurological Function in Elderly Adults. Journal of Nutrition, 2017, 147, 1839-1849.	2.9	18
32	Impact of a weight loss and fitness intervention on exerciseâ€associated plasma oxylipin patterns in obese, insulinâ€resistant, sedentary women. Physiological Reports, 2020, 8, e14547.	1.7	14
33	High-Dose Simvastatin Exhibits Enhanced Lipid-Lowering Effects Relative to Simvastatin/Ezetimibe Combination Therapy. Circulation: Cardiovascular Genetics, 2014, 7, 955-964.	5.1	13
34	Insulin induces a shift in lipid and primary carbon metabolites in a model of fasting-induced insulin resistance. Metabolomics, 2017, 13, 1.	3.0	9