Natalie Bordag

List of Publications by Citations

17 papers	864 citations	11 h-index	27 g-index
27 ext. papers	1,136 ext. citations	6.2 avg, IF	3.67 L-index

#	Paper	IF	Citations
17	Cognitive impairment by antibiotic-induced gut dysbiosis: Analysis of gut microbiota-brain communication. *Brain, Behavior, and Immunity*, **2016**, 56, 140-55	16.6	343
16	Alternate Day Fasting Improves Physiological and Molecular Markers of Aging in Healthy, Non-obese Humans. *Cell Metabolism*, **2019**, 30, 462-476.e6	24.6	131
15	Alpha-helical transmembrane peptides: a "divide and conquer" approach to membrane proteins. *Chemistry and Physics of Lipids*, **2010**, 163, 1-26	3.7	90
14	Prediction of liver toxicity and mode of action using metabolomics in vitro in HepG2 cells. *Archives of Toxicology*, **2018**, 92, 893-906	5.8	70
13	Glucocorticoid (dexamethasone)-induced metabolome changes in healthy males suggest prediction of response and side effects. *Scientific Reports*, **2015**, 5, 15954	4.9	50
12	Thioflavins released from nanoparticles target fibrillar amyloid beta in the hippocampus of APP/PS1 transgenic mice. *International Journal of Developmental Neuroscience*, **2006**, 24, 195-201	2.7	42
11	Adipocyte Glucocorticoid Receptor Deficiency Attenuates Aging- and HFD-Induced Obesity and Impairs the Feeding-Fasting Transition. *Diabetes*, **2017**, 66, 272-286	0.9	40
10	Structural determinants of the interaction between influenza A virus matrix protein M1 and lipid membranes. *Biochimica Et Biophysica Acta - Biomembranes*, **2019**, 1861, 1123-1134	3.8	18
9	Fast Filtration of Bacterial or Mammalian Suspension Cell Cultures for Optimal Metabolomics Results. *PLoS ONE*, **2016**, 11, e0159389	3.7	14
8	Targeting the H3K4 Demethylase KDM5B Reprograms the Metabolome and Phenotype of Melanoma Cells. *Journal of Investigative Dermatology*, **2019**, 139, 2506-2516.e10	4.3	13
7	LC/MS/MS analyses of open-flow microperfusion samples quantify eicosanoids in a rat model of skin inflammation. *Journal of Lipid Research*, **2019**, 60, 758-766	6.3	9
6	Machine Learning Analysis of the Bleomycin Mouse Model Reveals the Compartmental and Temporal Inflammatory Pulmonary Fingerprint. *IScience*, **2020**, 23, 101819	6.1	8
5	Metabolite profiles of rats in repeated dose toxicological studies after oral and inhalative exposure. *Toxicology Letters*, **2016**, 255, 11-23	4.4	7
4	Mistics membrane association and its assistance in overexpression of a human GPCR are independent processes. *Protein Science*, **2015**, 24, 38-48	6.3	6
3	Modeling the Effects of Severe Metabolic Disease by Genome Editing of hPSC-Derived Endothelial Cells Reveals an Inflammatory Phenotype. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	3
2	Fast Sampling of Adherent Cell Cultures for Optimal Metabolomics Results. *Metabolomics: Open Access*, **2016**, 06,		2
1	Machine learning analysis of the bleomycin-mouse model reveals the compartmental and temporal inflammatory pulmonary fingerprint		1