

Martin von Bergen

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.

322
papers

15,561
citations

57
h-index

113
g-index

343
ext. papers

18,936
ext. citations

6.4
avg, IF

6.38
L-index

#	Paper	IF	Citations
322	Danger signal extracellular calcium initiates differentiation of monocytes into SPP1/osteopontin-producing macrophages.. <i>Cell Death and Disease</i> , 2022 , 13, 53	9.8	0
321	Autophagopathies: from autophagy gene polymorphisms to precision medicine for human diseases.. <i>Autophagy</i> , 2022 , 1-18	10.2	0
320	Effects of Different Formulations of Glyphosate on Rumen Microbial Metabolism and Bacterial Community Composition in the Rumen Simulation Technique System.. <i>Frontiers in Microbiology</i> , 2022 , 13, 873101	5.7	
319	The EU chemicals strategy for sustainability: an opportunity to develop new approaches for hazard and risk assessment.. <i>Archives of Toxicology</i> , 2022 ,	5.8	1
318	Microbial community functioning during plant litter decomposition.. <i>Scientific Reports</i> , 2022 , 12, 7451	4.9	1
317	Di-(2-ethylhexyl) phthalate substitutes accelerate human adipogenesis through PPAR α activation and cause oxidative stress and impaired metabolic homeostasis in mature adipocytes.. <i>Environment International</i> , 2022 , 164, 107279	12.9	0
316	Critical Assessment of MetaProteome Investigation (CAMPI): a multi-laboratory comparison of established workflows.. <i>Nature Communications</i> , 2021 , 12, 7305	17.4	8
315	Mesenchymal stromal cells mitigate liver damage after extended resection in the pig by modulating thrombospondin-1/TGF- β 1. <i>Npj Regenerative Medicine</i> , 2021 , 6, 84	15.8	1
314	Effects of exposure to single and multiple parabens on asthma development in an experimental mouse model and a prospective cohort study.. <i>Science of the Total Environment</i> , 2021 , 814, 152676	10.2	0
313	Influence of formic acid treatment on the proteome of the ectoparasite Varroa destructor. <i>PLoS ONE</i> , 2021 , 16, e0258845	3.7	1
312	The gut bacterium produces secondary bile acids and influences liver physiology in gnotobiotic mice. <i>Gut Microbes</i> , 2021 , 13, 1-21	8.8	13
311	The Contact Allergen NiSO Triggers a Distinct Molecular Response in Primary Human Dendritic Cells Compared to Bacterial LPS. <i>Frontiers in Immunology</i> , 2021 , 12, 644700	8.4	3
310	Non-Genomic AhR-Signaling Modulates the Immune Response in Endotoxin-Activated Macrophages After Activation by the Environmental Stressor BaP. <i>Frontiers in Immunology</i> , 2021 , 12, 620270	8.4	2
309	An environmental ecocorona influences the formation and evolution of the biological corona on the surface of single-walled carbon nanotubes.. <i>NanoImpact</i> , 2021 , 22, 100315	5.6	0
308	A Multi-Omics Analysis of Mucosal-Associated-Invariant T Cells Reveals Key Drivers of Distinct Modes of Activation. <i>Frontiers in Immunology</i> , 2021 , 12, 616967	8.4	3
307	A workflow to identify novel proteins based on the direct mapping of peptide-spectrum-matches to genomic locations. <i>BMC Bioinformatics</i> , 2021 , 22, 277	3.6	2
306	Prenatal paraben exposure and atopic dermatitis-related outcomes among children. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 3122-3132	9.3	4

305	Roux-en-Y gastric bypass contributes to weight loss-independent improvement in hypothalamic inflammation and leptin sensitivity through gut-microglia-neuron-crosstalk. <i>Molecular Metabolism</i> , 2021 , 48, 101214	8.8	7
304	Wood emissions and asthma development: Results from an experimental mouse model and a prospective cohort study. <i>Environment International</i> , 2021 , 151, 106449	12.9	3
303	Bidirectional Role of NLRP3 During Acute and Chronic Cholestatic Liver Injury. <i>Hepatology</i> , 2021 , 73, 1836-1854	11.2	14
302	Proteomics reveals sex-specific heat shock response of Baikal amphipod <i>Eulimnogammarus cyaneus</i> . <i>Science of the Total Environment</i> , 2021 , 763, 143008	10.2	0
301	Comparison of quantitation methods in proteomics to define relevant toxicological information on AhR activation of HepG2 cells by BaP. <i>Toxicology</i> , 2021 , 448, 152652	4.4	7
300	Protein stable isotope probing with H O differentiated cold stress response at permissive temperatures from general growth at optimal conditions in <i>Escherichia coli</i> K12. <i>Rapid Communications in Mass Spectrometry</i> , 2021 , 35, e8941	2.2	2
299	Interspecies metabolite transfer and aggregate formation in a co-culture of <i>Dehalococcoides</i> and <i>Sulfurospirillum</i> dehalogenating tetrachloroethene to ethene. <i>ISME Journal</i> , 2021 , 15, 1794-1809	11.9	4
298	Discovery of novel community-relevant small proteins in a simplified human intestinal microbiome. <i>Microbiome</i> , 2021 , 9, 55	16.6	9
297	Identification of intracellular glycosaminoglycan-interacting proteins by affinity purification mass spectrometry. <i>Biological Chemistry</i> , 2021 , 402, 1427-1440	4.5	4
296	The Emerging Plasticizer Alternative DINCH and Its Metabolite MINCH Induce Oxidative Stress and Enhance Inflammatory Responses in Human THP-1 Macrophages. <i>Cells</i> , 2021 , 10,	7.9	2
295	Alternatives for the worse: Molecular insights into adverse effects of bisphenol a and substitutes during human adipocyte differentiation. <i>Environment International</i> , 2021 , 156, 106730	12.9	8
294	Nanomaterials induce different levels of oxidative stress, depending on the used model system: Comparison of in vitro and in vivo effects. <i>Science of the Total Environment</i> , 2021 , 801, 149538	10.2	5
293	Seasonal Patterns of Dominant Microbes Involved in Central Nutrient Cycles in the Subsurface. <i>Microorganisms</i> , 2020 , 8,	4.9	4
292	In Depth Quantitative Proteomic and Transcriptomic Characterization of Human Adipocyte Differentiation Using the SGBS Cell Line. <i>Proteomics</i> , 2020 , 20, e1900405	4.8	3
291	The Activation of Mucosal-Associated Invariant T (MAIT) Cells Is Affected by Microbial Diversity and Riboflavin Utilization. <i>Frontiers in Microbiology</i> , 2020 , 11, 755	5.7	10
290	Benzylsuccinate Synthase is Post-Transcriptionally Regulated in the Toluene-Degrading Denitrifier sp. Strain 15-1. <i>Microorganisms</i> , 2020 , 8,	4.9	5
289	Function is what counts: how microbial community complexity affects species, proteome and pathway coverage in metaproteomics. <i>Expert Review of Proteomics</i> , 2020 , 17, 163-173	4.2	7
288	Mechanistic insight to mycoremediation potential of a metal resistant fungal strain for removal of hazardous metals from multimetal pesticide matrix. <i>Environmental Pollution</i> , 2020 , 262, 114255	9.3	15

287	Prospects and challenges of multi-omics data integration in toxicology. <i>Archives of Toxicology</i> , 2020 , 94, 371-388	5.8	66
286	Gastric bypass surgery in a rat model alters the community structure and functional composition of the intestinal microbiota independently of weight loss. <i>Microbiome</i> , 2020 , 8, 13	16.6	18
285	Ethnomedicinal survey and in vitro confirmation of anti-inflammatory and antispasmodic properties of the termite strain <i>Macrotermes bellicosus</i> used in traditional medicine in the Republic of Benin. <i>Journal of Ethnopharmacology</i> , 2020 , 254, 112705	5	2
284	Maternal paraben exposure triggers childhood overweight development. <i>Nature Communications</i> , 2020 , 11, 561	17.4	41
283	An MRM-Based Multiplexed Quantification Assay for Human Adipokines and Apolipoproteins. <i>Molecules</i> , 2020 , 25,	4.8	4
282	Quantification of glyphosate and aminomethylphosphonic acid from microbiome reactor fluids. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8668	2.2	7
281	Following the community development of SIHUMix - a new intestinal model for bioreactor use. <i>Gut Microbes</i> , 2020 , 11, 1116-1129	8.8	12
280	Tracing incorporation of heavy water into proteins for species-specific metabolic activity in complex communities. <i>Journal of Proteomics</i> , 2020 , 222, 103791	3.9	4
279	The effect of green Mediterranean diet on cardiometabolic risk; a randomised controlled trial. <i>Heart</i> , 2020 ,	5.1	14
278	Protein-Based Stable Isotope Probing (Protein-SIP): Applications for Studying Aromatic Hydrocarbon Degradation in Microbial Communities 2020 , 277-284		
277	Mucosal-associated invariant T-Cell (MAIT) activation is altered by chlorpyrifos- and glyphosate-treated commensal gut bacteria. <i>Journal of Immunotoxicology</i> , 2020 , 17, 10-20	3.1	16
276	Enrichment and identification of small proteins in a simplified human gut microbiome. <i>Journal of Proteomics</i> , 2020 , 213, 103604	3.9	19
275	A multi-omics approach reveals mechanisms of nanomaterial toxicity and structure-activity relationships in alveolar macrophages. <i>Nanotoxicology</i> , 2020 , 14, 181-195	5.3	16
274	Disturbed gut microbiota and bile homeostasis in -infected mice contributes to metabolic dysregulation and growth impairment. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	12
273	Rational design of a microbial consortium of mucosal sugar utilizers reduces <i>Clostridiodes difficile</i> colonization. <i>Nature Communications</i> , 2020 , 11, 5104	17.4	57
272	Accumulation of distinct persistent organic pollutants is associated with adipose tissue inflammation. <i>Science of the Total Environment</i> , 2020 , 748, 142458	10.2	14
271	Environmentally Relevant Concentration of Bisphenol S Shows Slight Effects on SIHUMix. <i>Microorganisms</i> , 2020 , 8,	4.9	2
270	The glyphosate formulation Roundup [®] LB plus influences the global metabolome of pig gut microbiota in vitro. <i>Science of the Total Environment</i> , 2020 , 745, 140932	10.2	8

269	Channeling C1 Metabolism toward -Adenosylmethionine-Dependent Conversion of Estrogens to Androgens in Estrogen-Degrading Bacteria. <i>MBio</i> , 2020 , 11,	7.8	2
268	Mitochondrial Transfer by Human Mesenchymal Stromal Cells Ameliorates Hepatocyte Lipid Load in a Mouse Model of NASH. <i>Biomedicines</i> , 2020 , 8,	4.8	10
267	Systematic Review of Multi-Omics Approaches to Investigate Toxicological Effects in Macrophages. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
266	Adipose tissue derived bacteria are associated with inflammation in obesity and type 2 diabetes. <i>Gut</i> , 2020 , 69, 1796-1806	19.2	58
265	Serum Amino Acid Concentrations in Infants from Malawi are Associated with Linear Growth. <i>Current Developments in Nutrition</i> , 2019 , 3, nzz100	0.4	4
264	Characterization of a multianalyte GC-MS/MS procedure for detecting and quantifying polycyclic aromatic hydrocarbons (PAHs) and PAH derivatives from air particulate matter for an improved risk assessment. <i>Environmental Pollution</i> , 2019 , 255, 112967	9.3	26
263	One-megadalton metalloenzyme complex in involved in benzene ring reduction beyond the biological redox window. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 2259-2264	11.5	22
262	Enzymes involved in phthalate degradation in sulphate-reducing bacteria. <i>Environmental Microbiology</i> , 2019 , 21, 3601-3612	5.2	16
261	Disease Development Is Accompanied by Changes in Bacterial Protein Abundance and Functions in a Refined Model of Dextran Sulfate Sodium (DSS)-Induced Colitis. <i>Journal of Proteome Research</i> , 2019 , 18, 1774-1786	5.6	23
260	Synbiotic-driven improvement of metabolic disturbances is associated with changes in the gut microbiome in diet-induced obese mice. <i>Molecular Metabolism</i> , 2019 , 22, 96-109	8.8	62
259	Mono(2-ethylhexyl) phthalate (MEHP) and mono(2-ethyl-5-oxohexyl) phthalate (MEOHP) but not di(2-ethylhexyl) phthalate (DEHP) bind productively to the peroxisome proliferator-activated receptor α <i>Rapid Communications in Mass Spectrometry</i> , 2019 , 33 Suppl 1, 75-85	2.2	15
258	Thermal proteome profiling allows quantitative assessment of interactions between tetrachloroethene reductive dehalogenase and trichloroethene. <i>Journal of Proteomics</i> , 2019 , 192, 10-17 ^{3:9}	17	
257	The class II benzoyl-coenzyme A reductase complex from the sulfate-reducing <i>Desulfosarcina cetonica</i> . <i>Environmental Microbiology</i> , 2019 , 21, 4241-4252	5.2	5
256	Communal metabolism by Methylococcaceae and Methylophilaceae is driving rapid aerobic methane oxidation in sediments of a shallow seep near Elba, Italy. <i>Environmental Microbiology</i> , 2019 , 21, 3780-3795	5.2	17
255	An in-depth multi-omics analysis in RLE-6TN rat alveolar epithelial cells allows for nanomaterial categorization. <i>Particle and Fibre Toxicology</i> , 2019 , 16, 38	8.4	16
254	Glucocorticoid Treatment Leads to Aberrant Ion and Macromolecular Transport in Regenerating Zebrafish Fins. <i>Frontiers in Endocrinology</i> , 2019 , 10, 674	5.7	11
253	Protein-Based Stable Isotope Probing (Protein-SIP): Applications for Studying Aromatic Hydrocarbon Degradation in Microbial Communities 2019 , 1-8		
252	Elevated Gestational IL-13 During Fetal Development Is Associated With Hyperactivity and Inattention in Eight-Year-Old Children. <i>Frontiers in Immunology</i> , 2019 , 10, 1658	8.4	9

251	The Simplified Human Intestinal Microbiota (SIHUMix) Shows High Structural and Functional Resistance against Changing Transit Times in Bioreactors. <i>Microorganisms</i> , 2019 , 7,	4.9	20
250	Gut microbial functional maturation and succession during human early life. <i>Environmental Microbiology</i> , 2018 , 20, 2160-2177	5.2	21
249	A Retentive Memory of Tetrachloroethene Respiration in <i>Sulfurospirillum halorespirans</i> - involved Proteins and a possible link to Acetylation of a Two-Component Regulatory System. <i>Journal of Proteomics</i> , 2018 , 181, 36-46	3.9	9
248	An integrative overview of genomic, transcriptomic and proteomic analyses in organohalide respiration research. <i>FEMS Microbiology Ecology</i> , 2018 , 94,	4.3	23
247	Identification of T helper (Th)1- and Th2-associated antigens of <i>Cryptococcus neoformans</i> in a murine model of pulmonary infection. <i>Scientific Reports</i> , 2018 , 8, 2681	4.9	34
246	Maternal phthalate exposure promotes allergic airway inflammation over 2 generations through epigenetic modifications. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 741-753	11.5	56
245	Insight into the modulation of intestinal proteome of juvenile common carp (<i>Cyprinus carpio</i> L.) after dietary exposure to ZnO nanoparticles. <i>Science of the Total Environment</i> , 2018 , 613-614, 62-71	10.2	29
244	Resistance towards monensin is proposed to be acquired in a <i>Toxoplasma gondii</i> model by reduced invasion and egress activities, in addition to increased intracellular replication. <i>Parasitology</i> , 2018 , 145, 313-325	2.7	4
243	Identification of pesticide exposure-induced metabolic changes in mosquito larvae. <i>Science of the Total Environment</i> , 2018 , 643, 1533-1541	10.2	3
242	Pilot Study on Mass Spectrometry-Based Analysis of the Proteome of CD34+CD123+ Progenitor Cells for the Identification of Potential Targets for Immunotherapy in Acute Myeloid Leukemia. <i>Proteomes</i> , 2018 , 6,	4.6	7
241	Comparison of metabolite networks from four German population-based studies. <i>International Journal of Epidemiology</i> , 2018 , 47, 2070-2081	7.8	6
240	Proteomic definition of human mucosal-associated invariant T γ cells determines their unique molecular effector phenotype. <i>European Journal of Immunology</i> , 2018 , 48, 1336-1349	6.1	10
239	Sulfated hyaluronic acid and dexamethasone possess a synergistic potential in the differentiation of osteoblasts from human bone marrow stromal cells. <i>Journal of Cellular Biochemistry</i> , 2018 , 120, 8706	4.7	15
238	Serum metabolites and risk of myocardial infarction and ischemic stroke: a targeted metabolomic approach in two German prospective cohorts. <i>European Journal of Epidemiology</i> , 2018 , 33, 55-66	12.1	42
237	Early-onset childhood atopic dermatitis is related to NLRP2 repression. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1482-1485.e16	11.5	12
236	Rice Paddy Nitrospirae Carry and Express Genes Related to Sulfate Respiration: Proposal of the New Genus "Candidatus Sulfobium". <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	26
235	Tracking active groundwater microbes with D O labelling to understand their ecosystem function. <i>Environmental Microbiology</i> , 2018 , 20, 369-384	5.2	33
234	Sulfur-S and S Stable Isotope Labeling of Amino Acids for Quantification (SULAQ34/36) of Proteome Analyses. <i>Methods in Molecular Biology</i> , 2018 , 1841, 163-174	1.4	

233	Desulfitobacterium contributes to the microbial transformation of 2,4,5-T by methanogenic enrichment cultures from a Vietnamese active landfill. <i>Microbial Biotechnology</i> , 2018 , 11, 1137-1156	6.3	8
232	Characterization of chemical-induced sterile inflammation in vitro: application of the model compound ketoconazole in a human hepatic co-culture system. <i>Archives of Toxicology</i> , 2017 , 91, 799-810 ^{5,8}	5.8	21
231	An unusual strategy for the anoxic biodegradation of phthalate. <i>ISME Journal</i> , 2017 , 11, 224-236	11.9	46
230	Hepatic co-cultures in vitro reveal suitable to detect Nrf2-mediated oxidative stress responses on the bladder carcinogen o-anisidine. <i>Toxicology in Vitro</i> , 2017 , 40, 153-160	3.6	3
229	The benzene metabolite 1,4-benzoquinone reduces regulatory T-cell function: A potential mechanism for tobacco smoke-associated atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 603-605	11.5	2
228	Methylamine as a nitrogen source for microorganisms from a coastal marine environment. <i>Environmental Microbiology</i> , 2017 , 19, 2246-2257	5.2	31
227	Metabolic in Vivo Labeling Highlights Differences of Metabolically Active Microbes from the Mucosal Gastrointestinal Microbiome between High-Fat and Normal Chow Diet. <i>Journal of Proteome Research</i> , 2017 , 16, 1593-1604	5.6	21
226	Maternal cytokine status may prime the metabolic profile and increase risk of obesity in children. <i>International Journal of Obesity</i> , 2017 , 41, 1440-1446	5.5	14
225	Effects of chronic dietary exposure of zinc oxide nanoparticles on the serum protein profile of juvenile common carp (<i>Cyprinus carpio</i> L.). <i>Science of the Total Environment</i> , 2017 , 579, 1504-1511	10.2	51
224	A patchwork pathway for oxygenase-independent degradation of side chain containing steroids. <i>Environmental Microbiology</i> , 2017 , 19, 4684-4699	5.2	23
223	Common and phylogenetically widespread coding for peptides by bacterial small RNAs. <i>BMC Genomics</i> , 2017 , 18, 553	4.5	20
222	Interactions between bile salts, gut microbiota, and hepatic innate immunity. <i>Immunological Reviews</i> , 2017 , 279, 23-35	11.3	40
221	Mesenchymal stem cells correct haemodynamic dysfunction associated with liver injury after extended resection in a pig model. <i>Scientific Reports</i> , 2017 , 7, 2617	4.9	8
220	A H ₂ -oxidizing, 1,2,3-trichlorobenzene-reducing multienzyme complex isolated from the obligately organohalide-respiring bacterium <i>Dehalococcoides mccartyi</i> strain CBDB1. <i>Environmental Microbiology Reports</i> , 2017 , 9, 618-625	3.7	18
219	Prenatal phthalate exposure associates with low regulatory T-cell numbers and atopic dermatitis in early childhood: Results from the LINA mother-child study. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 1376-1379.e8	11.5	20
218	Candidate Brocadiiales dominates C, N and S cycling in anoxic groundwater of a pristine limestone-fracture aquifer. <i>Journal of Proteomics</i> , 2017 , 152, 153-160	3.9	27
217	Maximization of cell viability rather than biocatalyst activity improves whole-cell E ₂ xyfunctionalization performance. <i>Biotechnology and Bioengineering</i> , 2017 , 114, 874-884	4.9	24
216	Combination of Metabolomics with Cellular Assays Reveals New Biomarkers and Mechanistic Insights on Xenoestrogenic Exposures in MCF-7 Cells. <i>Chemical Research in Toxicology</i> , 2017 , 30, 883-892 ⁴	4	14

215	Fatty Acid Oxidation Compensates for Lipopolysaccharide-Induced Warburg Effect in Glucose-Deprived Monocytes. <i>Frontiers in Immunology</i> , 2017 , 8, 609	8.4	39
214	Identification of novel substrates of Shigella T3SA through analysis of its virulence plasmid-encoded secretome. <i>PLoS ONE</i> , 2017 , 12, e0186920	3.7	9
213	Dysbiotic gut microbiota causes transmissible Crohn's disease-like ileitis independent of failure in antimicrobial defence. <i>Gut</i> , 2016 , 65, 225-37	19.2	220
212	Random Survival Forest in practice: a method for modelling complex metabolomics data in time to event analysis. <i>International Journal of Epidemiology</i> , 2016 , 45, 1406-1420	7.8	42
211	Differential cellular metabolite alterations in HaCaT cells caused by exposure to the aryl hydrocarbon receptor-binding polycyclic aromatic hydrocarbons chrysene, benzo[a]pyrene and dibenzo[a,h]pyrene. <i>Toxicology Reports</i> , 2016 , 3, 763-773	4.8	13
210	Biochemical Foundations of Health and Energy Conservation in Hibernating Free-ranging Subadult Brown Bear <i>Ursus arctos</i> . <i>Journal of Biological Chemistry</i> , 2016 , 291, 22509-22523	5.4	25
209	Mid- and long-term correlations of plasma metabolite concentrations measured by a targeted metabolomics approach. <i>Metabolomics</i> , 2016 , 12, 1	4.7	2
208	Proteomics analysis of dendritic cell activation by contact allergens reveals possible biomarkers regulated by Nrf2. <i>Toxicology and Applied Pharmacology</i> , 2016 , 313, 170-179	4.6	16
207	Protocol for Performing Protein Stable Isotope Probing (Protein-SIP) Experiments. <i>Springer Protocols</i> , 2016 , 199-214	0.3	1
206	Prenatal maternal stress and wheeze in children: novel insights into epigenetic regulation. <i>Scientific Reports</i> , 2016 , 6, 28616	4.9	44
205	25-Hydroxyvitamin D3 Synthesis by Enzymatic Steroid Side-Chain Hydroxylation with Water. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 1881-4	16.4	13
204	Protein-SIP in environmental studies. <i>Current Opinion in Biotechnology</i> , 2016 , 41, 26-33	11.4	45
203	Proteomic dataset of the organohalide-respiring bacterium <i>Dehalococcoides mccartyi</i> strain CBDB1 grown on hexachlorobenzene as electron acceptor. <i>Data in Brief</i> , 2016 , 7, 253-6	1.2	3
202	Higher plasma levels of lysophosphatidylcholine 18:0 are related to a lower risk of common cancers in a prospective metabolomics study. <i>BMC Medicine</i> , 2016 , 14, 13	11.4	107
201	Assessment of maternal drug intake by urinary bio monitoring during pregnancy and postpartally until the third perinatal year. <i>Pharmacoepidemiology and Drug Safety</i> , 2016 , 25, 431-7	2.6	2
200	Biomonitoring of prenatal analgesic intake and correlation with infantile anti-aeroallergens IgE. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016 , 71, 901-6	9.3	2
199	The ABCG2 Efflux Transporter in the Mammary Gland Mediates Veterinary Drug Secretion across the Blood-Milk Barrier into Milk of Dairy Cows. <i>Drug Metabolism and Disposition</i> , 2016 , 44, 700-8	4	26
198	Long-term indoor VOC concentrations assessment a trend analysis of distribution, disposition, and personal exposure in cohort study samples. <i>Air Quality, Atmosphere and Health</i> , 2016 , 9, 941-950	5.6	3

197	Optimization of metabolomics of defined in vitro gut microbial ecosystems. <i>International Journal of Medical Microbiology</i> , 2016 , 306, 280-289	3.7	22
196	Pulsed (13)C2-Acetate Protein-SIP Unveils Epsilonproteobacteria as Dominant Acetate Utilizers in a Sulfate-Reducing Microbial Community Mineralizing Benzene. <i>Microbial Ecology</i> , 2016 , 71, 901-11	4.4	14
195	Bacteria dominate the short-term assimilation of plant-derived N in soil. <i>Soil Biology and Biochemistry</i> , 2016 , 96, 30-38	7.5	46
194	Osteoblast-released Matrix Vesicles, Regulation of Activity and Composition by Sulfated and Non-sulfated Glycosaminoglycans. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 558-72	7.6	31
193	Stable Isotope Probing Approaches to Study Anaerobic Hydrocarbon Degradation and Degradation. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2016 , 26, 195-210	0.9	22
192	Genomic, Proteomic, and Metabolite Characterization of Gemfibrozil-Degrading Organism <i>Bacillus</i> sp. GeD10. <i>Environmental Science & Technology</i> , 2016 , 50, 744-55	10.3	26
191	PIPINO: A Software Package to Facilitate the Identification of Protein-Protein Interactions from Affinity Purification Mass Spectrometry Data. <i>BioMed Research International</i> , 2016 , 2016, 2891918	3	
190	The LINA Study: Higher Sensitivity of Infant Compared to Maternal Eosinophil/Basophil Progenitors to Indoor Chemical Exposures. <i>Journal of Environmental and Public Health</i> , 2016 , 2016, 5293932	2.6	4
189	Soil Fungal:Bacterial Ratios Are Linked to Altered Carbon Cycling. <i>Frontiers in Microbiology</i> , 2016 , 7, 12475:7		159
188	Microdialysis Sampling from Wound Fluids Enables Quantitative Assessment of Cytokines, Proteins, and Metabolites Reveals Bone Defect-Specific Molecular Profiles. <i>PLoS ONE</i> , 2016 , 11, e0159580	3.7	12
187	Attenuation of Postoperative Acute Liver Failure by Mesenchymal Stem Cell Treatment Due to Metabolic Implications. <i>Annals of Surgery</i> , 2016 , 263, 546-56	7.8	28
186	Enhancing metaproteomics--The value of models and defined environmental microbial systems. <i>Proteomics</i> , 2016 , 16, 783-98	4.8	50
185	Rearrangement of the Extracellular Domain/Extracellular Loop 1 Interface Is Critical for Thyrotropin Receptor Activation. <i>Journal of Biological Chemistry</i> , 2016 , 291, 14095-14108	5.4	10
184	In situ protein-SIP highlights Burkholderiaceae as key players degrading toluene by para ring hydroxylation in a constructed wetland model. <i>Environmental Microbiology</i> , 2016 , 18, 1176-86	5.2	57
183	Identification of a multi-protein reductive dehalogenase complex in <i>Dehalococcoides mccartyi</i> strain CBDB1 suggests a protein-dependent respiratory electron transport chain obviating quinone involvement. <i>Environmental Microbiology</i> , 2016 , 18, 3044-56	5.2	57
182	ATP-Dependent C-F Bond Cleavage Allows the Complete Degradation of 4-Fluoroaromatics without Oxygen. <i>MBio</i> , 2016 , 7,	7.8	27
181	Proteome data on the microbial microbiome of grasshopper feces. <i>Data in Brief</i> , 2016 , 9, 1147-1154	1.2	2
180	Comparison and optimization of methods for the simultaneous extraction of DNA, RNA, proteins, and metabolites. <i>Analytical Biochemistry</i> , 2016 , 508, 25-33	3.1	20

179	Metabolomics reveals effects of maternal smoking on endogenous metabolites from lipid metabolism in cord blood of newborns. <i>Metabolomics</i> , 2016 , 12, 76	4.7	13
178	Aerobic Toluene Degraders in the Rhizosphere of a Constructed Wetland Model Show Diurnal Polyhydroxyalkanoate Metabolism. <i>Applied and Environmental Microbiology</i> , 2016 , 82, 4126-4132	4.8	19
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