

Martin von Bergen

List of Publications by Year in descending order

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Version: 2024-02-01

331
papers

21,382
citations

15504

65
h-index

13771

129
g-index

343
all docs

343
docs citations

343
times ranked

28148
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimomics reveal unique signatures of human epiploic adipose tissue related to systemic insulin resistance. <i>Gut</i> , 2022, 71, 2179-2193.	12.1	12
2	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> , 2022, 814, 152676.	8.0	11
3	Danger signal extracellular calcium initiates differentiation of monocytes into SPPI/osteopontin-producing macrophages. <i>Cell Death and Disease</i> , 2022, 13, 53.	6.3	15
4	Deconstructing <i>Methanosarcina acetivorans</i> into an acetogenic archaeon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	18
5	Autophagopathies: from autophagy gene polymorphisms to precision medicine for human diseases. <i>Autophagy</i> , 2022, 18, 2519-2536.	9.1	11
6	Bolstering fitness via CO ₂ fixation and organic carbon uptake: mixotrophs in modern groundwater. <i>ISME Journal</i> , 2022, 16, 1153-1162.	9.8	21
7	Genes and enzymes involved in the biodegradation of the quaternary carbon compound pivalate in the denitrifying <i>Thauera humireducens</i> strain PIV-1. <i>Environmental Microbiology</i> , 2022, , .	3.8	0
8	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.	3.5	0
9	The EU chemicals strategy for sustainability: an opportunity to develop new approaches for hazard and risk assessment. <i>Archives of Toxicology</i> , 2022, 96, 2381-2386.	4.2	7
10	Microbial community functioning during plant litter decomposition. <i>Scientific Reports</i> , 2022, 12, 7451.	3.3	12
11	Di-(2-ethylhexyl) phthalate substitutes accelerate human adipogenesis through PPAR β activation and cause oxidative stress and impaired metabolic homeostasis in mature adipocytes. <i>Environment International</i> , 2022, 164, 107279.	10.0	19
12	Insight Into the Molecular Mechanisms Underpinning the Mycoremediation of Multiple Metals by Proteomic Technique. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	8
13	Bacterial Necromass Is Rapidly Metabolized by Heterotrophic Bacteria and Supports Multiple Trophic Levels of the Groundwater Microbiome. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	5
14	Bidirectional Role of NLRP3 During Acute and Chronic Cholestatic Liver Injury. <i>Hepatology</i> , 2021, 73, 1836-1854.	7.3	51
15	Proteomics reveals sex-specific heat shock response of Baikal amphipod <i>Eulimnogammarus cyaneus</i> . <i>Science of the Total Environment</i> , 2021, 763, 143008.	8.0	4
16	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.	4.2	15
17	Protein stable isotope probing with H ₂ ¹⁸ 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.	1.5	2
18	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.	9.8	27

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19	Changes of the Proteome and Acetylome during Transition into the Stationary Phase in the Organohalide-Respiring Dehalococcoides mccartyi Strain CBDB1. <i>Microorganisms</i> , 2021, 9, 365.	3.6	5
20	Discovery of novel community-relevant small proteins in a simplified human intestinal microbiome. <i>Microbiome</i> , 2021, 9, 55.	11.1	24
21	The Contact Allergen NiSO ₄ Triggers a Distinct Molecular Response in Primary Human Dendritic Cells Compared to Bacterial LPS. <i>Frontiers in Immunology</i> , 2021, 12, 644700.	4.8	9
22	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.	4.8	20
23	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.	4.5	5
24	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.	4.8	13
25	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.	2.6	4
26	Prenatal paraben exposure and atopic dermatitis-related outcomes among children. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3122-3132.	5.7	13
27	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.	6.5	20
28	Wood emissions and asthma development: Results from an experimental mouse model and a prospective cohort study. <i>Environment International</i> , 2021, 151, 106449.	10.0	7
29	Insights into Autotrophic Activities and Carbon Flow in Iron-Rich Pelagic Aggregates (Iron Snow). <i>Microorganisms</i> , 2021, 9, 1368.	3.6	2
30	Identification of intracellular glycosaminoglycan-interacting proteins by affinity purification mass spectrometry. <i>Biological Chemistry</i> , 2021, 402, 1427-1440.	2.5	5
31	Proteomic Characterization of the Cellular Effects of AhR Activation by Microbial Tryptophan Catabolites in Endotoxin-Activated Human Macrophages. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10336.	2.6	5
32	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, 2367.	4.1	18
33	Differences in cortical contractile properties between healthy epithelial and cancerous mesenchymal breast cells. <i>New Journal of Physics</i> , 2021, 23, 103020.	2.9	10
34	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.	10.0	23
35	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.	8.0	15
36	The gut bacterium <i>Extibacter muris</i> produces secondary bile acids and influences liver physiology in gnotobiotic mice. <i>Gut Microbes</i> , 2021, 13, 1-21.	9.8	161

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37	The effect of green Mediterranean diet on cardiometabolic risk; a randomised controlled trial. <i>Heart</i> , 2021, 107, 1054-1061.	2.9	35
38	Influence of formic acid treatment on the proteome of the ectoparasite <i>Varroa destructor</i> . <i>PLoS ONE</i> , 2021, 16, e0258845.	2.5	3
39	Mesenchymal stromal cells mitigate liver damage after extended resection in the pig by modulating thrombospondin-1/TGF- β 2. <i>Npj Regenerative Medicine</i> , 2021, 6, 84.	5.2	7
40	Critical Assessment of MetaProteome Investigation (CAMPI): a multi-laboratory comparison of established workflows. <i>Nature Communications</i> , 2021, 12, 7305.	12.8	34
41	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.	1.7	22
42	Enrichment and identification of small proteins in a simplified human gut microbiome. <i>Journal of Proteomics</i> , 2020, 213, 103604.	2.4	32
43	A multi-omics approach reveals mechanisms of nanomaterial toxicity and structure-activity relationships in alveolar macrophages. <i>Nanotoxicology</i> , 2020, 14, 181-195.	3.0	24
44	Disturbed gut microbiota and bile homeostasis in <i>Giardia</i> -infected mice contributes to metabolic dysregulation and growth impairment. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	24
45	Rational design of a microbial consortium of mucosal sugar utilizers reduces <i>Clostridiodes difficile</i> colonization. <i>Nature Communications</i> , 2020, 11, 5104.	12.8	177
46	Accumulation of distinct persistent organic pollutants is associated with adipose tissue inflammation. <i>Science of the Total Environment</i> , 2020, 748, 142458.	8.0	27
47	Environmentally Relevant Concentration of Bisphenol S Shows Slight Effects on SIHUMlx. <i>Microorganisms</i> , 2020, 8, 1436.	3.6	10
48	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.	8.0	22
49	Channeling C1 Metabolism toward S-Adenosylmethionine-Dependent Conversion of Estrogens to Androgens in Estrogen-Degrading Bacteria. <i>MBio</i> , 2020, 11, .	4.1	8
50	Mitochondrial Transfer by Human Mesenchymal Stromal Cells Ameliorates Hepatocyte Lipid Load in a Mouse Model of NASH. <i>Biomedicines</i> , 2020, 8, 350.	3.2	19
51	Systematic Review of Multi-Omics Approaches to Investigate Toxicological Effects in Macrophages. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9371.	4.1	14
52	Seasonal Patterns of Dominant Microbes Involved in Central Nutrient Cycles in the Subsurface. <i>Microorganisms</i> , 2020, 8, 1694.	3.6	13
53	In Depth Quantitative Proteomic and Transcriptomic Characterization of Human Adipocyte Differentiation using the SCBS Cell Line. <i>Proteomics</i> , 2020, 20, e1900405.	2.2	8
54	The Activation of Mucosal-Associated Invariant T (MAIT) Cells Is Affected by Microbial Diversity and Riboflavin Utilization in vitro. <i>Frontiers in Microbiology</i> , 2020, 11, 755.	3.5	14

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55	Benzylsuccinate Synthase is Post-Transcriptionally Regulated in the Toluene-Degrading Denitrifier <i>Magnetospirillum</i> sp. Strain 15-1. <i>Microorganisms</i> , 2020, 8, 681.	3.6	6
56	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.	3.0	17
57	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.	7.5	28
58	Prospects and challenges of multi-omics data integration in toxicology. <i>Archives of Toxicology</i> , 2020, 94, 371-388.	4.2	142
59	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.	11.1	40
60	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.	4.1	4
61	Maternal paraben exposure triggers childhood overweight development. <i>Nature Communications</i> , 2020, 11, 561.	12.8	77
62	An MRM-Based Multiplexed Quantification Assay for Human Adipokines and Apolipoproteins. <i>Molecules</i> , 2020, 25, 775.	3.8	9
63	Quantification of glyphosate and aminomethylphosphonic acid from microbiome reactor fluids. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8668.	1.5	10
64	Following the community development of SIHUMix – a new intestinal <i>in vitro</i> model for bioreactor use. <i>Gut Microbes</i> , 2020, 11, 1116-1129.	9.8	32
65	Tracing incorporation of heavy water into proteins for species-specific metabolic activity in complex communities. <i>Journal of Proteomics</i> , 2020, 222, 103791.	2.4	7
66	Adipose tissue derived bacteria are associated with inflammation in obesity and type 2 diabetes. <i>Gut</i> , 2020, 69, 1796-1806.	12.1	149
67	Protein-Based Stable Isotope Probing (Protein-SIP): Applications for Studying Aromatic Hydrocarbon Degradation in Microbial Communities. , 2020, , 277-284.		1
68	Mono(2-ethylhexyl) phthalate (MEHP) and mono(2-ethylhexyl) phthalate (MEOHP) but not di(2-ethylhexyl) phthalate (DEHP) bind productively to the peroxisome proliferator-activated receptor β . <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 75-85.	1.5	26
69	Thermal proteome profiling allows quantitative assessment of interactions between tetrachloroethene reductive dehalogenase and trichloroethene. <i>Journal of Proteomics</i> , 2019, 192, 10-17.	2.4	25
70	The class II benzoyl-coenzyme A reductase complex from the sulfate-reducing <i>Desulfosarcina cetonica</i> . <i>Environmental Microbiology</i> , 2019, 21, 4241-4252.	3.8	10
71	Communal metabolism by <i>Methylococcaceae</i> and <i>Methylophilaceae</i> is driving rapid aerobic methane oxidation in sediments of a shallow seep near Elba, Italy. <i>Environmental Microbiology</i> , 2019, 21, 3780-3795.	3.8	28
72	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.	6.2	26

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73	Glucocorticoid Treatment Leads to Aberrant Ion and Macromolecular Transport in Regenerating Zebrafish Fins. <i>Frontiers in Endocrinology</i> , 2019, 10, 674.	3.5	21
74	Effects of Five Substances with Different Modes of Action on Cathepsin H, C and L Activities in Zebrafish Embryos. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3956.	2.6	7
75	Serum Amino Acid Concentrations in Infants from Malawi are Associated with Linear Growth. <i>Current Developments in Nutrition</i> , 2019, 3, nzz100.	0.3	4
76	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.	7.5	48
77	One-megadalton metalloenzyme complex in <i>Geobacter metallireducens</i> 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.	7.1	32
78	Enzymes involved in phthalate degradation in sulphate-reducing bacteria. <i>Environmental Microbiology</i> , 2019, 21, 3601-3612.	3.8	22
79	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.	3.7	37
80	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.	6.5	102
81	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.	4.8	16
82	The Simplified Human Intestinal Microbiota (SIHUMix) Shows High Structural and Functional Resistance against Changing Transit Times in In Vitro Bioreactors. <i>Microorganisms</i> , 2019, 7, 641.	3.6	35
83	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> , 2019, 120, 8706-8722.	2.6	28
84	Protein-Based Stable Isotope Probing (Protein-SIP): Applications for Studying Aromatic Hydrocarbon Degradation in Microbial Communities. , 2019, , 1-8.		0
85	Gut microbial functional maturation and succession during human early life. <i>Environmental Microbiology</i> , 2018, 20, 2160-2177.	3.8	30
86	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.	2.4	12
87	An integrative overview of genomic, transcriptomic and proteomic analyses in organohalide respiration research. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	45
88	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.	3.3	73
89	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.	2.9	92
90	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.	8.0	44

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91	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.	1.5	7
92	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.	5.7	63
93	Early-onset childhood atopic dermatitis is related to NLRP2 repression. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1482-1485.e16.	2.9	21
94	Rice Paddy Nitrospirae Carry and Express Genes Related to Sulfate Respiration: Proposal of the New Genus "Candidatus Sulfoebium". <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	83
95	Tracking active groundwater microbes with D ₂ O labelling to understand their ecosystem function. <i>Environmental Microbiology</i> , 2018, 20, 369-384.	3.8	57
96	Sulfur-34S and 36S Stable Isotope Labeling of Amino Acids for Quantification (SULAQ34/36) of Proteome Analyses. <i>Methods in Molecular Biology</i> , 2018, 1841, 163-174.	0.9	0
97	<i>Desulfitobacterium</i> contributes to the microbial transformation of 2,4,5-TCF by methanogenic enrichment cultures from a Vietnamese active landfill. <i>Microbial Biotechnology</i> , 2018, 11, 1137-1156.	4.2	12
98	Identification of pesticide exposure-induced metabolic changes in mosquito larvae. <i>Science of the Total Environment</i> , 2018, 643, 1533-1541.	8.0	6
99	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, 11.	3.5	10
100	Comparison of metabolite networks from four German population-based studies. <i>International Journal of Epidemiology</i> , 2018, 47, 2070-2081.	1.9	9
101	Proteomic definition of human mucosal-associated invariant T cells determines their unique molecular effector phenotype. <i>European Journal of Immunology</i> , 2018, 48, 1336-1349.	2.9	20
102	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.	4.2	27
103	An unusual strategy for the anoxic biodegradation of phthalate. <i>ISME Journal</i> , 2017, 11, 224-236.	9.8	61
104	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.	2.4	5
105	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.	2.9	2
106	Methylamine as a nitrogen source for microorganisms from a coastal marine environment. <i>Environmental Microbiology</i> , 2017, 19, 2246-2257.	3.8	50
107	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.	3.7	26
108	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.	3.4	19

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109	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.	8.0	65
110	A patchwork pathway for oxygenase-independent degradation of side chain containing steroids. <i>Environmental Microbiology</i> , 2017, 19, 4684-4699.	3.8	28
111	Interactions between bile salts, gut microbiota, and hepatic innate immunity. <i>Immunological Reviews</i> , 2017, 279, 23-35.	6.0	73
112	Mesenchymal stem cells correct haemodynamic dysfunction associated with liver injury after extended resection in a pig model. <i>Scientific Reports</i> , 2017, 7, 2617.	3.3	10
113	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.	2.4	28
114	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.	2.9	31
115	Candidate Brocadiales dominates C, N and S cycling in anoxic groundwater of a pristine limestone-fracture aquifer. <i>Journal of Proteomics</i> , 2017, 152, 153-160.	2.4	36
116	Maximization of cell viability rather than biocatalyst activity improves whole-cell α -oxyfunctionalization performance. <i>Biotechnology and Bioengineering</i> , 2017, 114, 874-884.	3.3	30
117	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.	3.3	22
118	Fatty Acid Oxidation Compensates for Lipopolysaccharide-Induced Warburg Effect in Glucose-Deprived Monocytes. <i>Frontiers in Immunology</i> , 2017, 8, 609.	4.8	58
119	Common and phylogenetically widespread coding for peptides by bacterial small RNAs. <i>BMC Genomics</i> , 2017, 18, 553.	2.8	32
120	Identification of novel substrates of Shigella T3SA through analysis of its virulence plasmid-encoded secretome. <i>PLoS ONE</i> , 2017, 12, e0186920.	2.5	10
121	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, 1-13.	1.9	0
122	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, 1-10.	0.9	5
123	Soil Fungal:Bacterial Ratios Are Linked to Altered Carbon Cycling. <i>Frontiers in Microbiology</i> , 2016, 7, 1247.	3.5	292
124	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.	2.5	17
125	Attenuation of Postoperative Acute Liver Failure by Mesenchymal Stem Cell Treatment Due to Metabolic Implications. <i>Annals of Surgery</i> , 2016, 263, 546-556.	4.2	35
126	Enhancing metaproteomics—The value of models and defined environmental microbial systems. <i>Proteomics</i> , 2016, 16, 783-798.	2.2	62

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127	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.	3.4	20
128	<i>In situ</i> proteomics highlights <i>Burkholderiaceae</i> as key players degrading toluene by para ring hydroxylation in a constructed wetland model. <i>Environmental Microbiology</i> , 2016, 18, 1176-1186.	3.8	81
129	Identification of a multi-protein reductive dehalogenase complex in <i>D</i> strain CBDB1 suggests a protein-dependent respiratory electron transport chain obviating quinone involvement. <i>Environmental Microbiology</i> , 2016, 18, 3044-3056.	3.8	106
130	ATP-Dependent C-F Bond Cleavage Allows the Complete Degradation of 4-Fluoroaromatics without Oxygen. <i>MBio</i> , 2016, 7, .	4.1	35
131	Proteome data on the microbial microbiome of grasshopper feces. <i>Data in Brief</i> , 2016, 9, 1147-1154.	1.0	2
132	Comparison and optimization of methods for the simultaneous extraction of DNA, RNA, proteins, and metabolites. <i>Analytical Biochemistry</i> , 2016, 508, 25-33.	2.4	26
133	Metabolomics reveals effects of maternal smoking on endogenous metabolites from lipid metabolism in cord blood of newborns. <i>Metabolomics</i> , 2016, 12, 76.	3.0	18
134	Aerobic Toluene Degradation in the Rhizosphere of a Constructed Wetland Model Show Diurnal Polyhydroxyalkanoate Metabolism. <i>Applied and Environmental Microbiology</i> , 2016, 82, 4126-4132.	3.1	23
135	Allergen-Induced IL-6 Regulates IL-9/IL-17A Balance in CD4+ T Cells in Allergic Airway Inflammation. <i>Journal of Immunology</i> , 2016, 197, 2653-2664.	0.8	9
136	Structural and functional insights into the interaction of sulfated glycosaminoglycans with tissue inhibitor of metalloproteinase-3 – A possible regulatory role on extracellular matrix homeostasis. <i>Acta Biomaterialia</i> , 2016, 45, 143-154.	8.3	31
137	A metabolomics approach to characterize phenotypes of metabolic transition from late pregnancy to early lactation in dairy cows. <i>Metabolomics</i> , 2016, 12, 1.	3.0	52
138	Comparative performance evaluation of multi-metal resistant fungal strains for simultaneous removal of multiple hazardous metals. <i>Journal of Hazardous Materials</i> , 2016, 318, 679-685.	12.4	35
139	Proteomic data set of the organohalide-respiring Epsilonproteobacterium <i>Sulfurospirillum</i> multivorans adapted to tetrachloroethene and other energy substrates. <i>Data in Brief</i> , 2016, 8, 637-642.	1.0	7
140	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.	1.9	67
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