

Dieter Deforce

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.

362
papers

8,806
citations

48
h-index

70
g-index

388
ext. papers

10,491
ext. citations

4.9
avg, IF

5.9
L-index

#	Paper	IF	Citations
362	A large scale mass spectrometry-based histone screening for assessing epigenetic developmental toxicity.. <i>Scientific Reports</i> , 2022 , 12, 1256	4.9	0
361	Transcriptional dynamics of gametogenesis in the green seaweed <i>Ulva mutabilis</i> identifies an RWP-RK transcription factor linked to reproduction.. <i>BMC Plant Biology</i> , 2022 , 22, 19	5.3	2
360	Nanopore sequencing of a forensic combined STR and SNP multiplex. <i>Forensic Science International: Genetics</i> , 2022 , 56, 102621	4.3	1
359	Hatching is modulated by microRNA-378a-3p derived from extracellular vesicles secreted by blastocysts.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2122708119	11.5	4
358	Profiling the Aerobic Window of Horses in Response to Training by Means of a Modified Lactate Minimum Speed Test: Flatten the Curve.. <i>Frontiers in Physiology</i> , 2022 , 13, 792052	4.6	1
357	A comprehensive LFQ benchmark dataset on modern day acquisition strategies in proteomics.. <i>Scientific Data</i> , 2022 , 9, 126	8.2	3
356	QueSTR probes: Quencher-labeled RNase H2-dependent probes for Short Tandem Repeat genotyping. <i>Sensors and Actuators B: Chemical</i> , 2022 , 361, 131714	8.5	
355	Detection and identification of authorized and unauthorized GMOs using high-throughput sequencing with the support of a sequence-based GMO database.. <i>Food Chemistry Molecular Sciences</i> , 2022 , 4, 100096	1	0
354	58 The embryotrophic effect of cathepsin-L in a bovine model.. <i>Reproduction, Fertility and Development</i> , 2021 , 34, 264-265	1.8	
353	First monitoring for unauthorized genetically modified bacteria in food enzymes from the food market. <i>Food Control</i> , 2021 , 135, 108665	6.2	1
352	Effects of Aleurone Supplementation on Glucose-Insulin Metabolism and Gut Microbiome in Untrained Healthy Horses. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 642809	3.1	1
351	Histone Sample Preparation for Bottom-Up Mass Spectrometry: A Roadmap to Informed Decisions. <i>Proteomes</i> , 2021 , 9,	4.6	1
350	Digital Polymerase Chain Reaction for Assessment of Mutant Mitochondrial Carry-over after Nuclear Transfer for In Vitro Fertilization. <i>Clinical Chemistry</i> , 2021 , 67, 968-976	5.5	1
349	Hepatic Cytochrome P450 Abundance and Activity in the Developing and Adult Göttingen Minipig: Pivotal Data for PBPK Modeling. <i>Frontiers in Pharmacology</i> , 2021 , 12, 665644	5.6	5
348	STRide probes: Single-labeled short tandem repeat identification probes. <i>Biosensors and Bioelectronics</i> , 2021 , 180, 113135	11.8	1
347	Cov-MS: A Community-Based Template Assay for Mass-Spectrometry-Based Protein Detection in SARS-CoV-2 Patients. <i>Jacs Au</i> , 2021 , 1, 750-765		11
346	Recurrent chromosomal imbalances provide selective advantage to human embryonic stem cells under enhanced replicative stress conditions. <i>Genes Chromosomes and Cancer</i> , 2021 , 60, 272-281	5	0

345	An experimental design to extract more information from MS-based histone studies. <i>Molecular Omics</i> , 2021 , 17, 929-938	4.4	
344	The CD147 Protein Complex Is Involved in Entry of Chikungunya Virus and Related Alphaviruses in Human Cells. <i>Frontiers in Microbiology</i> , 2021 , 12, 615165	5.7	5
343	Activin A-derived human embryonic stem cells show increased competence to differentiate into primordial germ cell-like cells. <i>Stem Cells</i> , 2021 , 39, 551-563	5.8	3
342	Enrichment of circulating trophoblasts from maternal blood using laminar microscale vortices. <i>Prenatal Diagnosis</i> , 2021 , 41, 1171-1178	3.2	3
341	Long non-coding RNAs as novel therapeutic targets in juvenile myelomonocytic leukemia. <i>Scientific Reports</i> , 2021 , 11, 2801	4.9	5
340	Distinct transcriptome signatures of <i>Helicobacter suis</i> and <i>Helicobacter heilmannii</i> strains upon adherence to human gastric epithelial cells. <i>Veterinary Research</i> , 2020 , 51, 62	3.8	2
339	Screening strategy targeting the presence of food enzyme-producing fungi in food enzyme preparations. <i>Food Control</i> , 2020 , 117, 107295	6.2	4
338	Genetically Modified Micro-Organisms for Industrial Food Enzyme Production: An Overview. <i>Foods</i> , 2020 , 9,	4.9	36
337	Germline nuclear transfer in mice may rescue poor embryo development associated with advanced maternal age and early embryo arrest. <i>Human Reproduction</i> , 2020 , 35, 1562-1577	5.7	5
336	Maternal Recognition of Pregnancy in the Horse: Are MicroRNAs the Secret Messengers?. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
335	RBL1 (p107) functions as tumor suppressor in glioblastoma and small-cell pancreatic neuroendocrine carcinoma in <i>Xenopus tropicalis</i> . <i>Oncogene</i> , 2020 , 39, 2692-2706	9.2	4
334	Nanopore Sequencing of a Forensic STR Multiplex Reveals Loci Suitable for Single-Contributor STR Profiling. <i>Genes</i> , 2020 , 11,	4.2	14
333	Aging of preleukemic thymocytes drives CpG island hypermethylation in T-cell acute lymphoblastic leukemia. <i>Blood Cancer Discovery</i> , 2020 , 1, 274-289	7	8
332	First draft genome assembly of the desert locust, <i>Schistocerca gregaria</i> . <i>F1000Research</i> , 2020 , 9, 775	3.6	20
331	Comprehensive histone epigenetics: A mass spectrometry based screening assay to measure epigenetic toxicity. <i>MethodsX</i> , 2020 , 7, 101055	1.9	2
330	Ecological divergence of wild strawberry DNA methylation patterns at distinct spatial scales. <i>Molecular Ecology</i> , 2020 , 29, 4871-4881	5.7	3
329	Removing the Hidden Data Dependency of DIA with Predicted Spectral Libraries. <i>Proteomics</i> , 2020 , 20, e1900306	4.8	23
328	Spatio-temporal patterns in the gene expression of the calanoid copepod <i>Temora longicornis</i> in the Belgian part of the North Sea. <i>Marine Environmental Research</i> , 2020 , 160, 105037	3.3	3

327	Pan-cancer pharmacogenetics: targeted sequencing panels or exome sequencing?. <i>Pharmacogenomics</i> , 2020 , 21, 1073-1084	2.6	1
326	Kinship analysis on single cells after whole genome amplification. <i>Scientific Reports</i> , 2020 , 10, 14647	4.9	4
325	Comparative study of preimplantation development following distinct assisted oocyte activation protocols in a PLC-zeta knockout mouse model. <i>Molecular Human Reproduction</i> , 2020 , 26, 801-815	4.4	1
324	First draft genome assembly of the desert locust,. <i>F1000Research</i> , 2020 , 9, 775	3.6	12
323	Strategy for the identification of micro-organisms producing food and feed products: Bacteria producing food enzymes as study case. <i>Food Chemistry</i> , 2020 , 305, 125431	8.5	13
322	Bta-miR-10b Secreted by Bovine Embryos Negatively Impacts Preimplantation Embryo Quality. <i>Frontiers in Genetics</i> , 2019 , 10, 757	4.5	6
321	A multi-omics analysis of the grapevine pathogen <i>Lasiodiplodia theobromae</i> reveals that temperature affects the expression of virulence- and pathogenicity-related genes. <i>Scientific Reports</i> , 2019 , 9, 13144	4.9	26
320	Honey bee predisposition of resistance to ubiquitous mite infestations. <i>Scientific Reports</i> , 2019 , 9, 7794	4.9	13
319	Characterization of Porcine Hepatic and Intestinal Drug Metabolizing CYP450: Comparison with Human Orthologues from A Quantitative, Activity and Selectivity Perspective. <i>Scientific Reports</i> , 2019 , 9, 9233	4.9	19
318	Host intestinal biomarker identification in a gut leakage model in broilers. <i>Veterinary Research</i> , 2019 , 50, 46	3.8	14
317	Truncating SLC12A6 variants cause different clinical phenotypes in humans and dogs. <i>European Journal of Human Genetics</i> , 2019 , 27, 1561-1568	5.3	3
316	Silicon µPCR Chip for Forensic STR Profiling with Hybeacon Probe Melting Curves. <i>Scientific Reports</i> , 2019 , 9, 7341	4.9	2
315	Host metabolites stimulate the bacterial proton motive force to enhance the activity of aminoglycoside antibiotics. <i>PLoS Pathogens</i> , 2019 , 15, e1007697	7.6	20
314	Bovine Embryo-Secreted microRNA-30c Is a Potential Non-invasive Biomarker for Hampered Preimplantation Developmental Competence. <i>Frontiers in Genetics</i> , 2019 , 10, 315	4.5	20
313	Contemporary pharmacogenetic assays in view of the PharmGKB database. <i>Pharmacogenomics</i> , 2019 , 20, 261-272	2.6	4
312	WNT Inhibition and Increased FGF Signaling Promotes Derivation of Less Heterogeneous Primed Human Embryonic Stem Cells, Compatible with Differentiation. <i>Stem Cells and Development</i> , 2019 , 28, 579-592	4.4	6
311	Pre-clinical evaluation of second generation PIM inhibitors for the treatment of T-cell acute lymphoblastic leukemia and lymphoma. <i>Haematologica</i> , 2019 , 104, e17-e20	6.6	13
310	Genetic characterization and therapeutic targeting of MYC-rearranged T cell acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2019 , 185, 169-174	4.5	6

309	hSWATH: Unlocking SWATH's Full Potential for an Untargeted Histone Perspective. <i>Journal of Proteome Research</i> , 2019 , 18, 3840-3849	5.6	8
308	The role of small proteins in J2315 biofilm formation, persistence and intracellular growth. <i>Biofilm</i> , 2019 , 1, 100001	5.9	4
307	Deletion of Mucosa-Associated Lymphoid Tissue Lymphoma Translocation Protein 1 in Mouse T Cells Protects Against Development of Autoimmune Arthritis but Leads to Spontaneous Osteoporosis. <i>Arthritis and Rheumatology</i> , 2019 , 71, 2005-2015	9.5	4
306	Comparative analysis of different nuclear transfer techniques to prevent the transmission of mitochondrial DNA variants. <i>Molecular Human Reproduction</i> , 2019 , 25, 797-810	4.4	9
305	Small RNA NcS27 co-regulates utilization of carbon sources in J2315. <i>Microbiology (United Kingdom)</i> , 2019 , 165, 1135-1150	2.9	2
304	Genome-Wide Stress Responses to Copper and Arsenic in a Field Population of Daphnia. <i>Environmental Science & Technology</i> , 2019 , 53, 3850-3859	10.3	7
303	Untargeted histone profiling during naive conversion uncovers conserved modification markers between mouse and human. <i>Scientific Reports</i> , 2019 , 9, 17240	4.9	8
302	Dual RNA Sequencing of during Infection Unveils Host-Pathogen Interactions. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	11
301	Influence of microbiota in the susceptibility of parasitic wasps to abamectin insecticide: deep sequencing, esterase and toxicity tests. <i>Pest Management Science</i> , 2019 , 75, 79-86	4.6	11
300	Intracellular localisation of platelet-activating factor during mammalian embryo development in vitro: a comparison of cattle, mouse and human. <i>Reproduction, Fertility and Development</i> , 2019 , 31, 658-670	4.8	18
299	Forensic tri-allelic SNP genotyping using nanopore sequencing. <i>Forensic Science International: Genetics</i> , 2019 , 38, 204-210	4.3	19
298	The transcriptome of the marine calanoid copepod <i>Temora longicornis</i> under heat stress and recovery. <i>Marine Environmental Research</i> , 2019 , 143, 10-23	3.3	19
297	Integrative Proteomic Profiling Reveals PRC2-Dependent Epigenetic Crosstalk Maintains Ground-State Pluripotency. <i>Cell Stem Cell</i> , 2019 , 24, 123-137.e8	18	50
296	Endometrial stromal cell proteome mapping in repeated implantation failure and recurrent pregnancy loss cases and fertile women. <i>Reproductive BioMedicine Online</i> , 2019 , 38, 442-454	4	13
295	Comparative analysis of naive, primed and ground state pluripotency in mouse embryonic stem cells originating from the same genetic background. <i>Scientific Reports</i> , 2018 , 8, 5884	4.9	35
294	Comparison of Three Methods to Quantify Laxity in the Canine Hip Joint. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2018 , 31, 23-29	1.2	14
293	Microfluidics-based LC-MS MRM approach for the relative quantification of Burkholderia cenocepacia secreted virulence factors. <i>Rapid Communications in Mass Spectrometry</i> , 2018 , 32, 469	2.2	4
292	Short Tandem Repeat analysis after Whole Genome Amplification of single B-lymphoblastoid cells. <i>Scientific Reports</i> , 2018 , 8, 1255	4.9	8

291	The Small RNA ncS35 Regulates Growth in J2315. <i>MSphere</i> , 2018 , 3,	5	11
290	Proteins involved in embryo-maternal interaction around the signalling of maternal recognition of pregnancy in the horse. <i>Scientific Reports</i> , 2018 , 8, 5249	4.9	33
289	Accurate detection and quantification of epigenetic and genetic second hits in BRCA1 and BRCA2-associated hereditary breast and ovarian cancer reveals multiple co-acting second hits. <i>Cancer Letters</i> , 2018 , 425, 125-133	9.9	9
288	A different gut microbial community between larvae and adults of a wild bumblebee nest (<i>Bombus pascuorum</i>). <i>Insect Science</i> , 2018 , 25, 66-74	3.6	13
287	Skin mucosome activity as an indicator of <i>Batrachochytrium</i> salamandrivorans susceptibility in salamanders. <i>PLoS ONE</i> , 2018 , 13, e0199295	3.7	15
286	A prokaryotic-eukaryotic relation in the fat body of <i>Bombus terrestris</i> . <i>Environmental Microbiology Reports</i> , 2018 , 10, 644-650	3.7	4
285	The Ontogeny of Cytochrome P450 Enzyme Activity and Protein Abundance in Conventional Pigs in Support of Preclinical Pediatric Drug Research. <i>Frontiers in Pharmacology</i> , 2018 , 9, 470	5.6	26
284	Platelet-activating factor acetylhydrolase 1B3 (PAFAH1B3) is required for the formation of the meiotic spindle during in vitro oocyte maturation. <i>Reproduction, Fertility and Development</i> , 2018 , 30, 1739-1750	1.8	5
283	The Chara Genome: Secondary Complexity and Implications for Plant Terrestrialization. <i>Cell</i> , 2018 , 174, 448-464.e24	56.2	213
282	Transgenerational Inheritance of DNA Hypomethylation in <i>Daphnia magna</i> in Response to Salinity Stress. <i>Environmental Science & Technology</i> , 2018 , 52, 10114-10123	10.3	36
281	Reply to the Letter: 'Le Scientisme, c'est la Prévention induite au Monopole de vérité' alors que le Propre de la Science c'est de dire: il n'y a pas de Monopole' (Edgar Morin). <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2018 , 31, 313-314	1.2	
280	Massively parallel sequencing of micro-manipulated cells targeting a comprehensive panel of disease-causing genes: A comparative evaluation of upstream whole-genome amplification methods. <i>PLoS ONE</i> , 2018 , 13, e0196334	3.7	7
279	Intra- and Inter-observer Variability of Measurements of the Laxity Index on Stress Radiographs Performed with the Vezzoni-Modified Badertscher Hip Distension Device. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2018 , 31, 246-251	1.2	5
278	Effect of Adrenergic receptor agents on cardiac structure and function and whole-body gene expression in <i>Daphnia magna</i> . <i>Environmental Pollution</i> , 2018 , 241, 869-878	9.3	5
277	Genome-Wide Copy Number Alteration Detection in Preimplantation Genetic Diagnosis. <i>Methods in Molecular Biology</i> , 2018 , 1712, 27-42	1.4	1
276	Plasma Functionalization of Polycaprolactone Nanofibers Changes Protein Interactions with Cells, Resulting in Increased Cell Viability. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 41962-41977	9.5	23
275	TBX2 is a neuroblastoma core regulatory circuitry component enhancing MYCN/FOXM1 reactivation of DREAM targets. <i>Nature Communications</i> , 2018 , 9, 4866	17.4	42
274	Estimating the Reliability of Low-Abundant Signals and Limited Replicate Measurements through MS2 Peak Area in SWATH. <i>Proteomics</i> , 2018 , 18, e1800186	4.8	3

273	Candidate <i>Treponema pallidum</i> biomarkers uncovered in urine from individuals with syphilis using mass spectrometry. <i>Future Microbiology</i> , 2018 , 13, 1497-1510	2.9	7
272	Transcriptional landscape changes during human embryonic stem cell derivation. <i>Molecular Human Reproduction</i> , 2018 , 24, 543-555	4.4	4
271	Nanopore sequencing technology: a new route for the fast detection of unauthorized GMO. <i>Scientific Reports</i> , 2018 , 8, 7903	4.9	19
270	Chromosomal mosaicism in human blastocysts: the ultimate challenge of preimplantation genetic testing?. <i>Human Reproduction</i> , 2018 , 33, 1342-1354	5.7	63
269	Multiplex STR amplification sensitivity in a silicon microchip. <i>Scientific Reports</i> , 2018 , 8, 9853	4.9	5
268	Autocrine embryotropins revisited: how do embryos communicate with each other in vitro when cultured in groups?. <i>Biological Reviews</i> , 2017 , 92, 505-520	13.5	36
267	Colony contact contributes to the diversity of gut bacteria in bumblebees (<i>Bombus terrestris</i>). <i>Insect Science</i> , 2017 , 24, 270-277	3.6	24
266	Proteome of equine oviducal fluid: effects of ovulation and pregnancy. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 1085-1095	1.8	24
265	Epigenetic sampling effects: nephrectomy modifies the clear cell renal cell cancer methylome. <i>Cellular Oncology (Dordrecht)</i> , 2017 , 40, 293-297	7.2	2
264	Forensic SNP Genotyping using Nanopore MinION Sequencing. <i>Scientific Reports</i> , 2017 , 7, 41759	4.9	36
263	Oncogenic ZEB2 activation drives sensitivity toward KDM1A inhibition in T-cell acute lymphoblastic leukemia. <i>Blood</i> , 2017 , 129, 981-990	2.2	15
262	Direct comparison of distinct naive pluripotent states in human embryonic stem cells. <i>Nature Communications</i> , 2017 , 8, 15055	17.4	44
261	An application of mass spectrometry for quality control of biologicals: Highly sensitive profiling of plasma residuals in human plasma-derived immunoglobulin. <i>Journal of Proteomics</i> , 2017 , 152, 312-320	3.9	5
260	An integrated strategy combining DNA walking and NGS to detect GMOs. <i>Food Chemistry</i> , 2017 , 232, 351-358	8.5	25
259	Infections of virulent and avirulent viruses differentially influenced the expression of dicer-1, ago-1, and microRNAs in <i>Bombus terrestris</i> . <i>Scientific Reports</i> , 2017 , 7, 45620	4.9	4
258	Phenobarbital or potassium bromide as an add-on antiepileptic drug for the management of canine idiopathic epilepsy refractory to imepitoin. <i>Veterinary Journal</i> , 2017 , 220, 51-54	2.5	8
257	Metabolic activity, urease production, antibiotic resistance and virulence in dual species biofilms of <i>Staphylococcus epidermidis</i> and <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2017 , 12, e0172700	3.7	15
256	Using variant databases for variant prioritization and to detect erroneous genotype-phenotype associations. <i>BMC Bioinformatics</i> , 2017 , 18, 535	3.6	5

255	Comparison of fractionation proteomics for local SWATH library building. <i>Proteomics</i> , 2017 , 17, 17000524.8	4.8	13
254	STR profiling and Copy Number Variation analysis on single, preserved cells using current Whole Genome Amplification methods. <i>Scientific Reports</i> , 2017 , 7, 17189	4.9	4
253	An exome sequencing based approach for genome-wide association studies in the dog. <i>Scientific Reports</i> , 2017 , 7, 15680	4.9	9
252	Performance of four modern whole genome amplification methods for copy number variant detection in single cells. <i>Scientific Reports</i> , 2017 , 7, 3422	4.9	32
251	RMNE calculation in forensic profiles with a high number of loci and allelic drop-outs using polynomial expansion. <i>Forensic Science International: Genetics</i> , 2017 , 26, e14-e16	4.3	1
250	Flagging False Positives Following Untargeted LC-MS Characterization of Histone Post-Translational Modification Combinations. <i>Journal of Proteome Research</i> , 2017 , 16, 655-664	5.6	8
249	Preimplantation genetic diagnosis for chromosomal rearrangements with the use of array comparative genomic hybridization at the blastocyst stage. <i>Fertility and Sterility</i> , 2017 , 107, 212-219.e3	4.8	10
248	The transcriptome of Mycobacterium tuberculosis in a lipid-rich dormancy model through RNAseq analysis. <i>Scientific Reports</i> , 2017 , 7, 17665	4.9	20
247	Forensic Loci Allele Database (FLAD): Automatically generated, permanent identifiers for sequenced forensic alleles. <i>Forensic Science International: Genetics</i> , 2016 , 20, e1-e3	4.3	6
246	Statistical framework for detection of genetically modified organisms based on Next Generation Sequencing. <i>Food Chemistry</i> , 2016 , 192, 788-98	8.5	40
245	Embryonic Stem Cells: Keeping Track of the Pluripotent Status 2016 ,		1
244	Assessing the impact of minimizing arginine conversion in fully defined SILAC culture medium in human embryonic stem cells. <i>Proteomics</i> , 2016 , 16, 2605-2614	4.8	2
243	CRISPR/Cas9 mediated knockout of rb1 and rbl1 leads to rapid and penetrant retinoblastoma development in Xenopus tropicalis. <i>Scientific Reports</i> , 2016 , 6, 35264	4.9	45
242	Biohistorical materials and contemporary privacy concerns-the forensic case of King Albert I. <i>Forensic Science International: Genetics</i> , 2016 , 24, 202-210	4.3	9
241	COMPUTED TOMOGRAPHIC FINDINGS IN CANINE ELBOWS ARTHROSCOPICALLY DIAGNOSED WITH EROSION OF THE MEDIAL COMPARTMENT: AN ANALYTICAL METHOD COMPARISON STUDY. <i>Veterinary Radiology and Ultrasound</i> , 2016 , 57, 572-581	1.2	7
240	Extracting histones for the specific purpose of label-free MS. <i>Proteomics</i> , 2016 , 16, 2937-2944	4.8	14
239	Host Stress Drives Salmonella Recrudescence. <i>Scientific Reports</i> , 2016 , 6, 20849	4.9	14
238	Performance of a TthPrimPol-based whole genome amplification kit for copy number alteration detection using massively parallel sequencing. <i>Scientific Reports</i> , 2016 , 6, 31825	4.9	9

237	Biotech rice: Current developments and future detection challenges in food and feed chain. <i>Trends in Food Science and Technology</i> , 2016 , 52, 66-79	15.3	21
236	Suboptimal culture conditions induce more deviations in gene expression in male than female bovine blastocysts. <i>BMC Genomics</i> , 2016 , 17, 72	4.5	45
235	The Equine Embryo Influences Immune-Related Gene Expression in the Oviduct. <i>Biology of Reproduction</i> , 2016 , 94, 36	3.9	27
234	BMP-SMAD Signaling Regulates Lineage Priming, but Is Dispensable for Self-Renewal in Mouse Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2016 , 6, 85-94	8	20
233	In vivo study of Dicer-2-mediated immune response of the small interfering RNA pathway upon systemic infections of virulent and avirulent viruses in <i>Bombus terrestris</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2016 , 70, 127-37	4.5	38
232	Divergence between the Highly Virulent Zoonotic Pathogen <i>Helicobacter heilmannii</i> and Its Closest Relative, the Low-Virulence " <i>Helicobacter ailurogastricus</i> " sp. nov. <i>Infection and Immunity</i> , 2016 , 84, 293-306	3.7	20
231	Impact of sugar syrup and pollen diet on the bacterial diversity in the gut of indoor-reared bumblebees (<i>Bombus terrestris</i>). <i>Apidologie</i> , 2016 , 47, 548-560	2.3	19
230	Unique long non-coding RNA expression signature in ETV6/RUNX1-driven B-cell precursor acute lymphoblastic leukemia. <i>Oncotarget</i> , 2016 , 7, 73769-73780	3.3	25
229	Dynamic epigenetic changes to VHL occur with sunitinib in metastatic clear cell renal cancer. <i>Oncotarget</i> , 2016 , 7, 25241-50	3.3	13
228	Unique Long Non-Coding RNA Expression Signature in ETV6/RUNX1-Driven B-Cell Precursor Acute Lymphoblastic Leukemia. <i>Blood</i> , 2016 , 128, 3920-3920	2.2	
227	Advances in the Identification of Genetically Modified Foods 2016 , 543-563		1
226	Toward the most ideal case-control design with related and unrelated dogs in whole-exome sequencing studies. <i>Animal Genetics</i> , 2016 , 47, 200-7	2.5	3
225	Tackling aspecific side reactions during histone propionylation: The promise of reversing overpropionylation. <i>Proteomics</i> , 2016 , 16, 1970-4	4.8	17
224	Efficiency of exome sequencing for the molecular diagnosis of pseudoxanthoma elasticum. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 992-998	4.3	20
223	Validation of a sensitive DNA walking strategy to characterise unauthorised GMOs using model food matrices mimicking common rice products. <i>Food Chemistry</i> , 2015 , 173, 1259-65	8.5	28
222	Integrated DNA walking system to characterize a broad spectrum of GMOs in food/feed matrices. <i>BMC Biotechnology</i> , 2015 , 15, 76	3.5	17
221	Evaluation of a visualization assay for blood on forensic evidence. <i>Journal of Forensic Sciences</i> , 2015 , 60, 707-11	1.8	11
220	Minimizing technical variation during sample preparation prior to label-free quantitative mass spectrometry. <i>Analytical Biochemistry</i> , 2015 , 490, 14-9	3.1	36

219	Shallow whole genome sequencing is well suited for the detection of chromosomal aberrations in human blastocysts. <i>Fertility and Sterility</i> , 2015 , 104, 1276-85.e1	4.8	33
218	Viral Small-RNA Analysis of Bombyx mori Larval Midgut during Persistent and Pathogenic Cytoplasmic Polyhedrosis Virus Infection. <i>Journal of Virology</i> , 2015 , 89, 11473-86	6.6	35
217	Fluoxetine suppresses calcium signaling in human T lymphocytes through depletion of intracellular calcium stores. <i>Cell Calcium</i> , 2015 , 58, 254-63	4	13
216	Differential transcriptome analysis of the common shrimp Crangon crangon: special focus on the nuclear receptors and RNAi-related genes. <i>General and Comparative Endocrinology</i> , 2015 , 212, 163-77	3	14
215	Histone proteolysis: a proposal for categorization into 'clipping' and 'degradation'. <i>BioEssays</i> , 2015 , 37, 70-9	4.1	45
214	Pitfalls in histone propionylation during bottom-up mass spectrometry analysis. <i>Proteomics</i> , 2015 , 15, 2966-71	4.8	28
213	Whole genome amplification with SurePlex results in better copy number alteration detection using sequencing data compared to the MALBAC method. <i>Scientific Reports</i> , 2015 , 5, 11711	4.9	35
212	Improved canine exome designs, featuring ncRNAs and increased coverage of protein coding genes. <i>Scientific Reports</i> , 2015 , 5, 12810	4.9	30
211	An heuristic filtering tool to identify phenotype-associated genetic variants applied to human intellectual disability and canine coat colors. <i>BMC Bioinformatics</i> , 2015 , 16, 391	3.6	3
210	Genome-wide transcription start site profiling in biofilm-grown Burkholderia cenocepacia J2315. <i>BMC Genomics</i> , 2015 , 16, 775	4.5	24
209	Tailoring Cellular Uptake of Gold Nanoparticles Via the Hydrophilic-to-Hydrophobic Ratio of their (Co)polymer Coating. <i>Advanced Functional Materials</i> , 2015 , 25, 3433-3439	15.6	14
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3	Cov-MS: a community-based template assay for clinical MS-based protein detection in SARS-CoV-2 patients	2
2	Forensic STR profiling using Oxford Nanopore Technologies MinION sequencer	7
1	Ion-networks: a sparse data format capturing full data integrity of data independent acquisition mass spectrometry	3