

Peter J Oefner

List of Publications by Year in descending order

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220
papers

25,056
citations

9234

74
h-index

7333

152
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224
all docs

224
docs citations

224
times ranked

29183
citing authors

#	ARTICLE	IF	CITATIONS
1	Acidic Microenvironments Found in Cutaneous Leishmania Lesions Curtail NO-Dependent Antiparasitic Macrophage Activity. <i>Frontiers in Immunology</i> , 2022, 13, 789366.	2.2	4
2	LDHB Overexpression Can Partially Overcome T Cell Inhibition by Lactic Acid. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5970.	1.8	13
3	Validation Study for Non-Invasive Prediction of IDH Mutation Status in Patients with Glioma Using In Vivo 1H-Magnetic Resonance Spectroscopy and Machine Learning. <i>Cancers</i> , 2022, 14, 2762.	1.7	3
4	De novo polyamine synthesis supports metabolic and functional responses in activated murine NK cells. <i>European Journal of Immunology</i> , 2021, 51, 91-102.	1.6	18
5	A serum microRNA sequence reveals fragile X protein pathology in amyotrophic lateral sclerosis. <i>Brain</i> , 2021, 144, 1214-1229.	3.7	8
6	Self-Reported Medication Use and Urinary Drug Metabolites in the German Chronic Kidney Disease (GCKD) Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 2315-2329.	3.0	9
7	Associations between urinary 3-indoxyl sulfate, a gut microbiome-derived biomarker, and patient outcomes after intensive care unit admission. <i>Journal of Critical Care</i> , 2021, 63, 15-21.	1.0	4
8	An R-Package for the Deconvolution and Integration of 1D NMR Data: MetaboDecon1D. <i>Metabolites</i> , 2021, 11, 452.	1.3	9
9	Cytokine-specific autoantibodies shape the gut microbiome in autoimmune polyendocrine syndrome type 1. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 876-888.	1.5	9
10	Kynurenine induces T cell fat catabolism and has limited suppressive effects in vivo. <i>EBioMedicine</i> , 2021, 74, 103734.	2.7	20
11	LEF1 supports metastatic brain colonization by regulating glutathione metabolism and increasing ROS resistance in breast cancer. <i>International Journal of Cancer</i> , 2020, 146, 3170-3183.	2.3	23
12	High CD206 levels in Hodgkin lymphoma-educated macrophages are linked to matrix remodeling and lymphoma dissemination. <i>Molecular Oncology</i> , 2020, 14, 571-589.	2.1	25
13	Shear Force Processing of Lipoaspirates for Stem Cell Enrichment Does Not Affect Secretome of Human Cells Detected by Mass Spectrometry In Vitro. <i>Plastic and Reconstructive Surgery</i> , 2020, 146, 749e-758e.	0.7	14
14	Robust Metabolite Quantification from J-Compensated 2D 1H-13C-HSQC Experiments. <i>Metabolites</i> , 2020, 10, 449.	1.3	5
15	Genetic studies of urinary metabolites illuminate mechanisms of detoxification and excretion in humans. <i>Nature Genetics</i> , 2020, 52, 167-176.	9.4	101
16	Loss-Function Learning for Digital Tissue Deconvolution. <i>Journal of Computational Biology</i> , 2020, 27, 342-355.	0.8	5
17	Results from the German Chronic Kidney Disease (GCKD) study support association of relative telomere length with mortality in a large cohort of patients with moderate chronic kidney disease. <i>Kidney International</i> , 2020, 98, 488-497.	2.6	16
18	DTD: An R Package for Digital Tissue Deconvolution. <i>Journal of Computational Biology</i> , 2020, 27, 386-389.	0.8	4

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19	Assessment of urinary 3-indoxyl sulfate as a marker for gut microbiota diversity and abundance of <i>Clostridiales</i> . <i>Gut Microbes</i> , 2019, 10, 133-141.	4.3	15
20	Quantification and ¹³ C-Tracer analysis of total reduced glutathione by HPLC-QTOFMS/MS. <i>Analytica Chimica Acta</i> , 2019, 1080, 127-137.	2.6	17
21	Topical Diclofenac Reprograms Metabolism and Immune Cell Infiltration in Actinic Keratosis. <i>Frontiers in Oncology</i> , 2019, 9, 605.	1.3	20
22	Mitochondrial DNA copy number is associated with mortality and infections in a large cohort of patients with chronic kidney disease. <i>Kidney International</i> , 2019, 96, 480-488.	2.6	53
23	A Novel Metabolic Signature To Predict the Requirement of Dialysis or Renal Transplantation in Patients with Chronic Kidney Disease. <i>Journal of Proteome Research</i> , 2019, 18, 1796-1805.	1.8	15
24	Potential biomarkers to predict outcome of faecal microbiota transfer for recurrent <i>Clostridioides difficile</i> infection. <i>Digestive and Liver Disease</i> , 2019, 51, 944-951.	0.4	13
25	Incidence of Arterial Hypotension in Patients Receiving Peroral or Continuous Intra-arterial Nimodipine After Aneurysmal or Perimesencephalic Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2019, 31, 32-39.	1.2	22
26	Serotonin and tryptophan metabolites, autoantibodies and gut microbiome in APECED. <i>Endocrine Connections</i> , 2019, 8, 69-77.	0.8	3
27	Extracellular Citrate Affects Critical Elements of Cancer Cell Metabolism and Supports Cancer Development <i>In Vivo</i> . <i>Cancer Research</i> , 2018, 78, 2513-2523.	0.4	59
28	D-2-hydroxyglutarate interferes with HIF-1 α stability skewing T-cell metabolism towards oxidative phosphorylation and impairing Th17 polarization. <i>Oncolmmunology</i> , 2018, 7, e1445454.	2.1	97
29	Glycine Amidinotransferase (GATM), Renal Fanconi Syndrome, and Kidney Failure. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1849-1858.	3.0	53
30	Polyol Pathway Links Glucose Metabolism to the Aggressiveness of Cancer Cells. <i>Cancer Research</i> , 2018, 78, 1604-1618.	0.4	83
31	Systematic Evaluation of Non-Uniform Sampling Parameters in the Targeted Analysis of Urine Metabolites by 1H,1H 2D NMR Spectroscopy. <i>Scientific Reports</i> , 2018, 8, 4249.	1.6	26
32	Genome-Wide Association Studies of Metabolites in Patients with CKD Identify Multiple Loci and Illuminate Tubular Transport Mechanisms. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1513-1524.	3.0	39
33	Third-party fecal microbiota transplantation following allo-HCT reconstitutes microbiome diversity. <i>Blood Advances</i> , 2018, 2, 745-753.	2.5	167
34	Principles of Systems Biology, No. 31. <i>Cell Systems</i> , 2018, 7, 133-135.	2.9	0
35	Double genetic disruption of lactate dehydrogenases A and B is required to ablate the "Warburg effect" restricting tumor growth to oxidative metabolism. <i>Journal of Biological Chemistry</i> , 2018, 293, 15947-15961.	1.6	160
36	Biological and clinical significance of tryptophan-catabolizing enzymes in cutaneous T-cell lymphomas. <i>Oncolmmunology</i> , 2017, 6, e1273310.	2.1	21

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37	Comprehensive Metaproteomics of Burkitt's and Diffuse Large B-Cell Lymphoma Cell Lines and Primary Tumor Tissues Reveals Distinct Differences in Pyruvate Content and Metabolism. <i>Journal of Proteome Research</i> , 2017, 16, 1105-1120.	1.8	22
38	Microbiota Disruption Induced by Early Use of Broad-Spectrum Antibiotics Is an Independent Risk Factor of Outcome after Allogeneic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, 845-852.	2.0	183
39	Quantification of Metabolites by NMR Spectroscopy in the Presence of Protein. <i>Journal of Proteome Research</i> , 2017, 16, 1784-1796.	1.8	24
40	Scale-Invariant Biomarker Discovery in Urine and Plasma Metabolite Fingerprints. <i>Journal of Proteome Research</i> , 2017, 16, 3596-3605.	1.8	15
41	Srebp-controlled glucose metabolism is essential for NK cell functional responses. <i>Nature Immunology</i> , 2017, 18, 1197-1206.	7.0	249
42	Hypoxia-inducible protein 2/Hif2/Hifpda mediates neutral lipid accumulation in macrophages and contributes to atherosclerosis in apolipoprotein E-deficient mice. <i>FASEB Journal</i> , 2017, 31, 4971-4984.	0.2	50
43	Visceral adipose tissue but not subcutaneous adipose tissue is associated with urine and serum metabolites. <i>PLoS ONE</i> , 2017, 12, e0175133.	1.1	26
44	The association between acute graft-versus-host disease and antimicrobial peptide expression in the gastrointestinal tract after allogeneic stem cell transplantation. <i>PLoS ONE</i> , 2017, 12, e0185265.	1.1	21
45	Metformin inhibits proliferation and migration of glioblastoma cells independently of TGF- β 2. <i>Cell Cycle</i> , 2016, 15, 1755-1766.	1.3	39
46	LDHA-Associated Lactic Acid Production Blunts Tumor Immunosurveillance by T and NK Cells. <i>Cell Metabolism</i> , 2016, 24, 657-671.	7.2	1,126
47	Evaluation of dilution and normalization strategies to correct for urinary output in HPLC-HRTOFMS metabolomics. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8483-8493.	1.9	21
48	Suppressive effects of tumor cell-derived 5'-deoxy-5'-methylthioadenosine on human T cells. <i>Oncology</i> , 2016, 5, e1184802.	2.1	48
49	A Metabolome-Wide Association Study of Kidney Function and Disease in the General Population. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1175-1188.	3.0	159
50	Characterization of the Methylthioadenosine Phosphorylase Polymorphism rs7023954 - Incidence and Effects on Enzymatic Function in Malignant Melanoma. <i>PLoS ONE</i> , 2016, 11, e0160348.	1.1	5
51	Metabolic plasticity of human T cells: Preserved cytokine production under glucose deprivation or mitochondrial restriction, but 2-deoxyglucose affects effector functions. <i>European Journal of Immunology</i> , 2015, 45, 2504-2516.	1.6	75
52	Polymorphisms within the APOBR gene are highly associated with milk levels of prognostic ketosis biomarkers in dairy cows. <i>Physiological Genomics</i> , 2015, 47, 129-137.	1.0	22
53	Identification of Plasma Metabolites Prognostic of Acute Kidney Injury after Cardiac Surgery with Cardiopulmonary Bypass. <i>Journal of Proteome Research</i> , 2015, 14, 2897-2905.	1.8	18
54	Data Normalization of ¹ H NMR Metabolite Fingerprinting Data Sets in the Presence of Unbalanced Metabolite Regulation. <i>Journal of Proteome Research</i> , 2015, 14, 3217-3228.	1.8	32

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55	Causal Modeling of Cancer-Stromal Communication Identifies PAPP A as a Novel Stroma-Secreted Factor Activating NF- κ B Signaling in Hepatocellular Carcinoma. PLoS Computational Biology, 2015, 11, e1004293.	1.5	22
56	The Microbiome and Allogeneic Stem Cell Transplantation. Current Stem Cell Reports, 2015, 1, 53-59.	0.7	2
57	Enhanced metabolite profiling using a redesigned atmospheric pressure chemical ionization source for gas chromatography coupled to high-resolution time-of-flight mass spectrometry. Analytical and Bioanalytical Chemistry, 2015, 407, 6669-6680.	1.9	17
58	Distinct von Hippel-Lindau gene and hypoxia-regulated alterations in gene and protein expression patterns of renal cell carcinoma and their effects on metabolism. Oncotarget, 2015, 6, 11395-11406.	0.8	23
59	Collagen XVI Induces Expression of MMP9 via Modulation of AP-1 Transcription Factors and Facilitates Invasion of Oral Squamous Cell Carcinoma. PLoS ONE, 2014, 9, e86777.	1.1	35
60	Regulation and function of the atypical cadherin FAT1 in hepatocellular carcinoma. Carcinogenesis, 2014, 35, 1407-1415.	1.3	46
61	N-cadherin promoter polymorphisms and risk of osteoarthritis. FASEB Journal, 2014, 28, 683-691.	0.2	15
62	Metagenomic Analysis of the Stool Microbiome in Patients Receiving Allogeneic Stem Cell Transplantation: Loss of Diversity Is Associated with Use of Systemic Antibiotics and More Pronounced in Gastrointestinal Graft-versus-Host Disease. Biology of Blood and Marrow Transplantation, 2014, 20, 640-645.	2.0	444
63	Mistargeting of Peroxisomal EHHADH and Inherited Renal Fanconi's Syndrome. New England Journal of Medicine, 2014, 370, 129-138.	13.9	99
64	Selenophosphate synthetase in the male accessory glands of an insect without selenoproteins. Journal of Insect Physiology, 2014, 71, 46-51.	0.9	7
65	Continuous Water Infusion Enhances Atmospheric Pressure Chemical Ionization of Methyl Chloroformate Derivatives in Gas Chromatography Coupled to Time-of-Flight Mass Spectrometry-Based Metabolomics. Analytical Chemistry, 2014, 86, 9186-9195.	3.2	24
66	Central European BRCA2 mutation carriers: Birth cohort status correlates with onset of breast cancer. Maturitas, 2014, 77, 68-72.	1.0	14
67	Diclofenac inhibits lactate formation and efficiently counteracts local immune suppression in a murine glioma model. International Journal of Cancer, 2013, 132, 843-853.	2.3	77
68	Distinct metabolic differences between various human cancer and primary cells. Electrophoresis, 2013, 34, 2836-2847.	1.3	29
69	Presenilin 1-secretase modulates P-cadherin processing and influences cell adhesion in oral squamous cell carcinoma cell lines. Carcinogenesis, 2013, 34, 2622-2628.	1.3	7
70	Correlations between Milk and Plasma Levels of Amino and Carboxylic Acids in Dairy Cows. Journal of Proteome Research, 2013, 12, 5223-5232.	1.8	24
71	Genetics and the History of The Samaritans: Y-Chromosomal Microsatellites and Genetic Affinity between Samaritans and Cohanim. Human Biology, 2013, 85, 825.	0.4	0
72	Current Experimental, Bioinformatic and Statistical Methods used in NMR Based Metabolomics. Current Metabolomics, 2013, 1, 253-268.	0.5	16

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73	MetaboQuant: a tool combining individual peak calibration and outlier detection for accurate metabolite quantification in 1D ¹ H and ¹ H- ¹³ C HSQC NMR spectra. <i>BioTechniques</i> , 2013, 54, 251-256.	0.8	19
74	New Aspects of an Old Drug – Diclofenac Targets MYC and Glucose Metabolism in Tumor Cells. <i>PLoS ONE</i> , 2013, 8, e66987.	1.1	86
75	Expression and Function of Methylthioadenosine Phosphorylase in Chronic Liver Disease. <i>PLoS ONE</i> , 2013, 8, e80703.	1.1	7
76	Inducing anti-tumor cytokines and an immune response in melanoma by inhibition of MIA using the peptide AR71. <i>European Journal of Dermatology</i> , 2013, 23, 820-825.	0.3	2
77	Delaying aging and the aging-associated decline in protein homeostasis by inhibition of tryptophan degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14912-14917.	3.3	180
78	The German Chronic Kidney Disease (GCKD) study: design and methods. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 1454-1460.	0.4	127
79	Performance Evaluation of Algorithms for the Classification of Metabolic ¹ H NMR Fingerprints. <i>Journal of Proteome Research</i> , 2012, 11, 6242-6251.	1.8	33
80	NMR Metabolomic Analysis of Dairy Cows Reveals Milk Glycerophosphocholine to Phosphocholine Ratio as Prognostic Biomarker for Risk of Ketosis. <i>Journal of Proteome Research</i> , 2012, 11, 1373-1381.	1.8	122
81	Early changes in the liver-soluble proteome from mice fed a nonalcoholic steatohepatitis inducing diet. <i>Proteomics</i> , 2012, 12, 1437-1451.	1.3	26
82	Comprehensive two-dimensional gas chromatography in metabolomics. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 1993-2013.	1.9	104
83	Impact of lifestyle factors on preneoplastic changes in prophylactic oophorectomies of BRCA mutation carriers. <i>European Journal of Cancer Prevention</i> , 2012, 21, 199-204.	0.6	6
84	Deficient Tryptophan Catabolism along the Kynurenine Pathway Reveals That the Epididymis Is in a Unique Tolerogenic State. <i>Journal of Biological Chemistry</i> , 2011, 286, 8030-8042.	1.6	44
85	Performance Evaluation of Gas Chromatography-Atmospheric Pressure Chemical Ionization-Time-of-Flight Mass Spectrometry for Metabolic Fingerprinting and Profiling. <i>Analytical Chemistry</i> , 2011, 83, 7514-7522.	3.2	43
86	Detection of autosomal dominant polycystic kidney disease by NMR spectroscopic fingerprinting of urine. <i>Kidney International</i> , 2011, 79, 1244-1253.	2.6	59
87	Down-Regulation of Methylthioadenosine Phosphorylase (MTAP) Induces Progression of Hepatocellular Carcinoma via Accumulation of 5-Deoxy-5-Methylthioadenosine (MTA). <i>American Journal of Pathology</i> , 2011, 178, 1145-1152.	1.9	54
88	Tryptophan catabolism is associated with acute GVHD after human allogeneic stem cell transplantation and indicates activation of indoleamine 2,3-dioxygenase. <i>Blood</i> , 2011, 118, 6971-6974.	0.6	52
89	Comparison of two algorithmic data processing strategies for metabolic fingerprinting by comprehensive two-dimensional gas chromatography-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 7031-8.	1.8	24
90	Metabolite extraction from adherently growing mammalian cells for metabolomics studies: optimization of harvesting and extraction protocols. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 1127-1139.	1.9	200

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91	Quantitative profiling of tryptophan metabolites in serum, urine, and cell culture supernatants by liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 3249-3261.	1.9	130
92	Improved enantiomer resolution and quantification of free d-amino acids in serum and urine by comprehensive two-dimensional gas chromatography-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 4537-4544.	1.8	53
93	Comparison of derivatization and chromatographic methods for GC-MS analysis of amino acid enantiomers in physiological samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 1103-1112.	1.2	53
94	Comparison of serum versus plasma collection in gas chromatography-Mass spectrometry-based metabolomics. <i>Electrophoresis</i> , 2010, 31, 2365-2373.	1.3	43
95	Quantification of intermediates of the methionine and polyamine metabolism by liquid chromatography-tandem mass spectrometry in cultured tumor cells and liver biopsies. <i>Journal of Chromatography A</i> , 2010, 1217, 3282-3288.	1.8	39
96	Transcriptional Profiles of CD133+ and CD133~ Glioblastoma-Derived Cancer Stem Cell Lines Suggest Different Cells of Origin. <i>Cancer Research</i> , 2010, 70, 2030-2040.	0.4	237
97	Reduced Expression of Fibroblast Growth Factor Receptor 2IIIb in Hepatocellular Carcinoma Induces a More Aggressive Growth. <i>American Journal of Pathology</i> , 2010, 176, 1433-1442.	1.9	52
98	Lactic Acid and Acidification Inhibit TNF Secretion and Glycolysis of Human Monocytes. <i>Journal of Immunology</i> , 2010, 184, 1200-1209.	0.4	325
99	Lactate promotes glioma migration by TGF- β 2-dependent regulation of matrix metalloproteinase-2. <i>Neuro-Oncology</i> , 2009, 11, 368-380.	0.6	204
100	Validation of microarray-based resequencing of 93 worldwide mitochondrial genomes. <i>Human Mutation</i> , 2009, 30, 115-122.	1.1	83
101	Direct and tumor microenvironment mediated influences of 5-deoxy-5-(methylthio)adenosine on tumor progression of malignant melanoma. <i>Journal of Cellular Biochemistry</i> , 2009, 106, 210-219.	1.2	70
102	Advances in amino acid analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 445-452.	1.9	168
103	Capillary electrophoresis and column chromatography in biomedical chiral amino acid analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 695-706.	1.9	53
104	Urinary amino acid analysis: A comparison of iTRAQ-LC-MS/MS, GC-MS, and amino acid analyzer. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 1838-1846.	1.2	150
105	Rare, Evolutionarily Unlikely Missense Substitutions in ATM Confer Increased Risk of Breast Cancer. <i>American Journal of Human Genetics</i> , 2009, 85, 427-446.	2.6	165
106	Integrative Normalization and Comparative Analysis for Metabolic Fingerprinting by Comprehensive Two-Dimensional Gas Chromatography-Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2009, 81, 5731-5739.	3.2	56
107	Modeling the temporal interplay of molecular signaling and gene expression by using dynamic nested effects models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6447-6452.	3.3	43
108	Kinetic laws, phase-phase expansions, renormalization group, and INR calibration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6465-6470.	3.3	9

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109	GLUT1 Expression Is Increased in Hepatocellular Carcinoma and Promotes Tumorigenesis. <i>American Journal of Pathology</i> , 2009, 174, 1544-1552.	1.9	283
110	Hyphenated mass spectrometry in the analysis of the central carbon metabolism. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 895-898.	1.9	6
111	Development of a quantitative, validated Capillary electrophoresisâ€time of flight â€ mass spectrometry method with integrated highâ€confidence analyte identification for metabolomics. <i>Electrophoresis</i> , 2008, 29, 2203-2214.	1.3	63
112	BIOANALYSIS. <i>Electrophoresis</i> , 2008, 29, 2447-2448.	1.3	0
113	Automated GCâ€MS analysis of free amino acids in biological fluids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 870, 222-232.	1.2	158
114	Quantitative analysis of 5â€deoxy-5â€methylthioadenosine in melanoma cells by liquid chromatography-stable isotope ratio tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 876, 123-128.	1.2	30
115	Urinary Metabolite Quantification Employing 2D NMR Spectroscopy. <i>Analytical Chemistry</i> , 2008, 80, 9288-9297.	3.2	123
116	Incremental parameter evaluation from incomplete data with application to the population pharmacology of anticoagulants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4627-4632.	3.3	5
117	Y-chromosomal evidence of a pastoralist migration through Tanzania to southern Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10693-10698.	3.3	133
118	Sequential Elimination of Major-Effect Contributors Identifies Additional Quantitative Trait Loci Conditioning High-Temperature Growth in Yeast. <i>Genetics</i> , 2008, 180, 1661-1670.	1.2	145
119	Revealing the prehistoric settlement of Australia by Y chromosome and mtDNA analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8726-8730.	3.3	204
120	CD133+ and CD133â€™ Glioblastoma-Derived Cancer Stem Cells Show Differential Growth Characteristics and Molecular Profiles. <i>Cancer Research</i> , 2007, 67, 4010-4015.	0.4	1,027
121	Deficiency in glutamine but not glucose induces MYC-dependent apoptosis in human cells. <i>Journal of Cell Biology</i> , 2007, 178, 93-105.	2.3	599
122	Genome sequencing and comparative analysis of <i>Saccharomyces cerevisiae</i> strain YJM789. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 12825-12830.	3.3	240
123	Allelic loss analysis by denaturing high-performance liquid chromatography and electrospray ionization mass spectrometry. <i>Human Mutation</i> , 2007, 28, 303-311.	1.1	4
124	Bioanalysis. <i>Electrophoresis</i> , 2007, 28, 1849-1850.	1.3	0
125	Transition Event Statistics in Genetics and Disordered Kinetics. Theoretical Approaches for Extracting Rate Distributions from Experimental Dataâ€. <i>Journal of Physical Chemistry B</i> , 2006, 110, 18945-18952.	1.2	1
126	Proteome analysis of mitochondrial outer membrane from <i>Neurospora crassa</i> . <i>Proteomics</i> , 2006, 6, 72-80.	1.3	74

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127	Bioanalysis: Developments and Trends. <i>Electrophoresis</i> , 2006, 27, 2527-2528.	1.3	0
128	Characterization of the breast cancer associated ATM7271T>G (V2424G) mutation by gene expression profiling. <i>Genes Chromosomes and Cancer</i> , 2006, 45, 1169-1181.	1.5	17
129	Melanesian and Asian Origins of Polynesians: mtDNA and Y Chromosome Gradients Across the Pacific. <i>Molecular Biology and Evolution</i> , 2006, 23, 2234-2244.	3.5	216
130	The Role of Selection in the Evolution of Human Mitochondrial Genomes. <i>Genetics</i> , 2006, 172, 373-387.	1.2	395
131	Task-specific expression of the foraging gene in harvester ants. <i>Molecular Ecology</i> , 2005, 14, 813-818.	2.0	147
132	Editorial: <i>Electrophoresis</i> 13/2005. <i>Electrophoresis</i> , 2005, 26, 2493-2493.	1.3	0
133	Editorial: <i>Electrophoresis</i> 14/2005. <i>Electrophoresis</i> , 2005, 26, 2685-2685.	1.3	0
134	Conservation of the RB1 gene in human and primates. <i>Human Mutation</i> , 2005, 25, 396-409.	1.1	18
135	Younger birth cohort correlates with higher breast and ovarian cancer risk in European BRCA1 mutation carriers. <i>Human Mutation</i> , 2005, 26, 583-589.	1.1	20
136	Two ATM variants and breast cancer risk. <i>Human Mutation</i> , 2005, 25, 594-595.	1.1	44
137	FEM1A is a candidate gene for polycystic ovary syndrome. <i>Gynecological Endocrinology</i> , 2005, 21, 330-335.	0.7	11
138	Fisher's theorems for multivariable, time- and space-dependent systems, with applications in population genetics and chemical kinetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9848-9853.	3.3	14
139	Random Activation Energy Model and Disordered Kinetics, from Static to Dynamic Disorder. <i>Journal of Physical Chemistry B</i> , 2005, 109, 21241-21257.	1.2	6
140	Identifying new candidate genes for hereditary facial palsy on chromosome 3q21-q22 by RNA in situ hybridization in mouse. <i>Genomics</i> , 2005, 86, 55-67.	1.3	16
141	Integrative Analysis of the Mitochondrial Proteome in Yeast. <i>PLoS Biology</i> , 2004, 2, e160.	2.6	181
142	Reduced genetic structure of the Iberian peninsula revealed by Y-chromosome analysis: implications for population demography. <i>European Journal of Human Genetics</i> , 2004, 12, 855-863.	1.4	76
143	Excavating Y-chromosome haplotype strata in Anatolia. <i>Human Genetics</i> , 2004, 114, 127-148.	1.8	318
144	Reconstruction of patrilineages and matrilineages of Samaritans and other Israeli populations from Y-Chromosome and mitochondrial DNA sequence Variation. <i>Human Mutation</i> , 2004, 24, 248-260.	1.1	66

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145	Applicability of tandem mass spectrometry to the automated comparative sequencing of long-chain oligonucleotides. <i>Journal of the American Society for Mass Spectrometry</i> , 2004, 15, 510-522.	1.2	25
146	Optimized suppression of adducts in polymerase chain reaction products for semi-quantitative SNP genotyping by liquid chromatography-mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2004, 15, 1897-1906.	1.2	25
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