

Peter J Oefner

List of Publications by Year in descending order

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220
papers

25,056
citations

9254

74
h-index

7340

152
g-index

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 Clostridiales. <i>Gut Microbes</i> , 2019, 10, 133-141.	4.3	15
20	Quantification and 13C-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 Clostridioides difficile 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 In Vivo. <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/Hif1 α 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 PAPPAs as a Novel Stroma-Secreted Factor Activating NF- κ B Signaling in Hepatocellular Carcinoma. <i>PLoS Computational Biology</i> , 2015, 11, e1004293.	1.5	22
56	The Microbiome and Allogeneic Stem Cell Transplantation. <i>Current Stem Cell Reports</i> , 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. <i>Analytical and Bioanalytical Chemistry</i> , 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. <i>Oncotarget</i> , 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. <i>PLoS ONE</i> , 2014, 9, e86777.	1.1	35
60	Regulation and function of the atypical cadherin FAT1 in hepatocellular carcinoma. <i>Carcinogenesis</i> , 2014, 35, 1407-1415.	1.3	46
61	N-cadherin promoter polymorphisms and risk of osteoarthritis. <i>FASEB Journal</i> , 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. <i>Biology of Blood and Marrow Transplantation</i> , 2014, 20, 640-645.	2.0	444
63	Mistargeting of Peroxisomal EHHADH and Inherited Renal Fanconi's Syndrome. <i>New England Journal of Medicine</i> , 2014, 370, 129-138.	13.9	99
64	Selenophosphate synthetase in the male accessory glands of an insect without selenoproteins. <i>Journal of Insect Physiology</i> , 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. <i>Analytical Chemistry</i> , 2014, 86, 9186-9195.	3.2	24
66	Central European BRCA2 mutation carriers: Birth cohort status correlates with onset of breast cancer. <i>Maturitas</i> , 2014, 77, 68-72.	1.0	14
67	Diclofenac inhibits lactate formation and efficiently counteracts local immune suppression in a murine glioma model. <i>International Journal of Cancer</i> , 2013, 132, 843-853.	2.3	77
68	Distinct metabolic differences between various human cancer and primary cells. <i>Electrophoresis</i> , 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. <i>Carcinogenesis</i> , 2013, 34, 2622-2628.	1.3	7
70	Correlations between Milk and Plasma Levels of Amino and Carboxylic Acids in Dairy Cows. <i>Journal of Proteome Research</i> , 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. <i>Human Biology</i> , 2013, 85, 825.	0.4	0
72	Current Experimental, Bioinformatic and Statistical Methods used in NMR Based Metabolomics. <i>Current Metabolomics</i> , 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 electrophoresis-time of flight mass spectrometry method with integrated high-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 GC-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 5-deoxy-5-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 CD133 ⁻ 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 Data. <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
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