

# Leroy Hood

## 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.

402  
papers

65,051  
citations

109  
h-index

251  
g-index

435  
ext. papers

72,329  
ext. citations

15  
avg, IF

7.11  
L-index

#	Paper	IF	Citations
402	Multiple early factors anticipate post-acute COVID-19 sequelae.. <i>Cell</i> , <b>2022</b> , 185, 881-895.e20	56.2	64
401	The effect of maternal SARS-CoV-2 infection timing on birth outcomes: a retrospective multicentre cohort study.. <i>The Lancet Digital Health</i> , <b>2022</b> ,	14.4	7
400	Personal Dense Dynamic Data Clouds Connect Systems Biomedicine to Scientific Wellness.. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2486, 315-334	1.4	
399	Manifestations of Alzheimer's disease genetic risk in the blood are evident in a multiomic analysis in healthy adults aged 18 to 90.. <i>Scientific Reports</i> , <b>2022</b> , 12, 6117	4.9	1
398	Epigenetic biotypes of post-traumatic stress disorder in war-zone exposed veteran and active duty males. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 4300-4314	15.1	5
397	A DNA methylation clock associated with age-related illnesses and mortality is accelerated in men with combat PTSD. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 4999-5009	15.1	12
396	iNetModels 2.0: an interactive visualization and database of multi-omics data. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, W271-W276	20.1	8
395	Utilization of machine learning for identifying symptom severity military-related PTSD subtypes and their biological correlates. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 227	8.6	1
394	The geometry of clinical labs and wellness states from deeply phenotyped humans. <i>Nature Communications</i> , <b>2021</b> , 12, 3578	17.4	1
393	Serum brain-derived neurotrophic factor remains elevated after long term follow-up of combat veterans with chronic post-traumatic stress disorder. <i>Psychoneuroendocrinology</i> , <b>2021</b> , 134, 105360	5	1
392	Gut microbiome pattern reflects healthy ageing and predicts survival in humans. <i>Nature Metabolism</i> , <b>2021</b> , 3, 274-286	14.6	77
391	Baseline Gut Metagenomic Functional Gene Signature Associated with Variable Weight Loss Responses following a Healthy Lifestyle Intervention in Humans. <i>MSystems</i> , <b>2021</b> , 6, e0096421	7.6	6
390	Integrated analysis of plasma and single immune cells uncovers metabolic changes in individuals with COVID-19. <i>Nature Biotechnology</i> , <b>2021</b> ,	44.5	19
389	Investigating the importance of acylcarnitines in Alzheimer's disease.. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17 Suppl 3, e056647	1.2	0
388	Case Study: A Precision Medicine Approach to Multifactorial Dementia and Alzheimer's Disease. <b>2021</b> , 11,		
387	Longitudinal analysis reveals transition barriers between dominant ecological states in the gut microbiome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 13839-13845	11.5	13
386	Core transcriptional regulatory circuits in prion diseases. <i>Molecular Brain</i> , <b>2020</b> , 13, 10	4.5	5

385	Deep phenotyping during pregnancy for predictive and preventive medicine. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	10
384	Untargeted longitudinal analysis of a wellness cohort identifies markers of metastatic cancer years prior to diagnosis. <i>Scientific Reports</i> , <b>2020</b> , 10, 16275	4.9	4
383	Measurement of Organ-Specific and Acute-Phase Blood Protein Levels in Early Lyme Disease. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 346-359	5.6	8
382	Atlas of Transcription Factor Binding Sites from ENCODE DNase Hypersensitivity Data across 27 Tissue Types. <i>Cell Reports</i> , <b>2020</b> , 32, 108029	10.6	9
381	Multi-Omics Resolves a Sharp Disease-State Shift between Mild and Moderate COVID-19. <i>Cell</i> , <b>2020</b> , 183, 1479-1495.e20	56.2	186
380	Multiomic blood correlates of genetic risk identify presymptomatic disease alterations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 21813-21820	11.5	9
379	A systems approach to clinical oncology uses deep phenotyping to deliver personalized care. <i>Nature Reviews Clinical Oncology</i> , <b>2020</b> , 17, 183-194	19.4	19
378	Multi-omic biomarker identification and validation for diagnosing warzone-related post-traumatic stress disorder. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 3337-3349	15.1	34
377	Effect of Combat Exposure and Posttraumatic Stress Disorder on Telomere Length and Amygdala Volume. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2020</b> , 5, 678-687	3.4	4
376	Blood metabolome predicts gut microbiome diversity in humans. <i>Nature Biotechnology</i> , <b>2019</b> , 37, 1217-1223	14.3	95
375	Blood Is a Window into Health and Disease. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 1204-1206	5.5	5
374	Genetic Predisposition Impacts Clinical Changes in a Lifestyle Coaching Program. <i>Scientific Reports</i> , <b>2019</b> , 9, 6805	4.9	25
373	Genomic and molecular characterization of preterm birth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 5819-5827	11.5	34
372	Genome-Scale Transcriptional Regulatory Network Models of Psychiatric and Neurodegenerative Disorders. <i>Cell Systems</i> , <b>2019</b> , 8, 122-135.e7	10.6	26
371	Mechanistic inferences on metabolic dysfunction in posttraumatic stress disorder from an integrated model and multiomic analysis: role of glucocorticoid receptor sensitivity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2019</b> , 317, E879-E898	6	11
370	Distinct Profiles of Cell-Free MicroRNAs in Plasma of Veterans with Post-Traumatic Stress Disorder. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	9
369	Multi-Omic Biological Age Estimation and Its Correlation With Wellness and Disease Phenotypes: A Longitudinal Study of 3,558 Individuals. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2019</b> , 74, S52-S60	6.4	16
368	MULTI-OMIC BIOLOGICAL AGE ESTIMATION, CORRELATION WITH WELLNESS, DISEASE PHENOTYPES: LONGITUDINAL SAMPLE OF 3558. <i>Innovation in Aging</i> , <b>2019</b> , 3, S209-S209	0.1	78

367	Personalized, Precision, and N-of-One Medicine: A Clarification of Terminology and Concepts. <i>Perspectives in Biology and Medicine</i> , <b>2019</b> , 62, 617-639	1.5	5
366	A Blueprint for Systems Biology. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 342-344	5.5	3
365	Efficient region-based test strategy uncovers genetic risk factors for functional outcome in bipolar disorder. <i>European Neuropsychopharmacology</i> , <b>2019</b> , 29, 156-170	1.2	5
364	Extracellular vesicle RNAs reflect placenta dysfunction and are a biomarker source for preterm labour. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 2760-2773	5.6	38
363	The building blocks of successful translation of proteomics to the clinic. <i>Current Opinion in Biotechnology</i> , <b>2018</b> , 51, 123-129	11.4	20
362	Reply to "Precision medicine in the clouds". <i>Nature Biotechnology</i> , <b>2018</b> , 36, 680-682	44.5	2
361	Population-specific genetic modification of Huntington's disease in Venezuela. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007274	6	18
360	O3-03-01: MECHANISTIC AND DIRECTIONAL TRANSCRIPTIONAL REGULATORY NETWORKS IN ALZHEIMER'S DISEASE <b>2018</b> , 14, P1014-P1015		
359	Whole genome sequence and comparative analysis of <i>Borrelia burgdorferi</i> MM1. <i>PLoS ONE</i> , <b>2018</b> , 13, e0198135	3.7	4
358	Cell population structure prior to bifurcation predicts efficiency of directed differentiation in human induced pluripotent cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 2271-2276	11.5	50
357	High resolution time-course mapping of early transcriptomic, molecular and cellular phenotypes in Huntington's disease CAG knock-in mice across multiple genetic backgrounds. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 913-922	5.6	27
356	A Cell-Surface Membrane Protein Signature for Glioblastoma. <i>Cell Systems</i> , <b>2017</b> , 4, 516-529.e7	10.6	24
355	The P4 Health Spectrum $\square$ Predictive, Preventive, Personalized and Participatory Continuum for Promoting Healthspan. <i>Progress in Preventive Medicine (New York, N Y)</i> , <b>2017</b> , 2, e0002	0.7	7
354	Toxoplasma Modulates Signature Pathways of Human Epilepsy, Neurodegeneration & Cancer. <i>Scientific Reports</i> , <b>2017</b> , 7, 11496	4.9	68
353	A wellness study of 108 individuals using personal, dense, dynamic data clouds. <i>Nature Biotechnology</i> , <b>2017</b> , 35, 747-756	44.5	235
352	Beyond cancer genes: colorectal cancer as robust intrinsic states formed by molecular interactions. <i>Open Biology</i> , <b>2017</b> , 7,	7	6
351	Viva Europa, a Land of Excellence in Research and Innovation for Health and Wellbeing. <i>Progress in Preventive Medicine (New York, N Y)</i> , <b>2017</b> , 2, e006	0.7	5
350	The P4 Health Spectrum - A Predictive, Preventive, Personalized and Participatory Continuum for Promoting Healthspan. <i>Progress in Cardiovascular Diseases</i> , <b>2017</b> , 59, 506-521	8.5	113

349	Evolutionary history of Tibetans inferred from whole-genome sequencing. <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006675	54
348	Identification of Organ-Enriched Protein Biomarkers of Acute Liver Injury by Targeted Quantitative Proteomics of Blood in Acetaminophen- and Carbon-Tetrachloride-Treated Mouse Models and Acetaminophen Overdose Patients. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 3724-3740	5.6 18
347	Genomic architecture of inflammatory bowel disease in five families with multiple affected individuals. <i>Human Genome Variation</i> , <b>2016</b> , 3, 15060	1.8 12
346	TGFEResponsive HMOX1 Expression Is Associated with Stemness and Invasion in Glioblastoma Multiforme. <i>Stem Cells</i> , <b>2016</b> , 34, 2276-89	5.8 25
345	Human SRMATlas: A Resource of Targeted Assays to Quantify the Complete Human Proteome. <i>Cell</i> , <b>2016</b> , 166, 766-778	56.2 236
344	Opening a SWATH Window on Posttranslational Modifications: Automated Pursuit of Modified Peptides. <i>Molecular and Cellular Proteomics</i> , <b>2016</b> , 15, 1151-63	7.6 37
343	Predictive Big Data Analytics: A Study of Parkinson's Disease Using Large, Complex, Heterogeneous, Incongruent, Multi-Source and Incomplete Observations. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157077	3.7 75
342	New paradigms for understanding and step changes in treating active and chronic, persistent apicomplexan infections. <i>Scientific Reports</i> , <b>2016</b> , 6, 29179	4.9 20
341	Endogenous molecular-cellular hierarchical modeling of prostate carcinogenesis uncovers robust structure. <i>Progress in Biophysics and Molecular Biology</i> , <b>2015</b> , 117, 30-42	4.7 18
340	Integrating big data and actionable health coaching to optimize wellness. <i>BMC Medicine</i> , <b>2015</b> , 13, 4	11.4 52
339	Microarray based screening of peptide nano probes for HER2 positive tumor. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 8367-72	7.8 35
338	Big biomedical data as the key resource for discovery science. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2015</b> , 22, 1126-31	8.6 58
337	Identification of copy number variants in whole-genome data using Reference Coverage Profiles. <i>Frontiers in Genetics</i> , <b>2015</b> , 6, 45	4.5 15
336	Automated Validation of Results and Removal of Fragment Ion Interferences in Targeted Analysis of Data-independent Acquisition Mass Spectrometry (MS) using SWATHProphet. <i>Molecular and Cellular Proteomics</i> , <b>2015</b> , 14, 1411-8	7.6 26
335	Rare variants in neuronal excitability genes influence risk for bipolar disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 3576-81	11.5 112
334	Developmental biologist Eric H. Davidson, 1937-2015. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 13423-5	11.5
333	Sequence-Level Analysis of the Major European Huntington Disease Haplotype. <i>American Journal of Human Genetics</i> , <b>2015</b> , 97, 435-44	11 14
332	A gain-of-function mutation in TRPV3 causes focal palmoplantar keratoderma in a Chinese family. <i>Journal of Investigative Dermatology</i> , <b>2015</b> , 135, 907-909	4.3 24

331	A novel Fanconi anaemia subtype associated with a dominant-negative mutation in RAD51. <i>Nature Communications</i> , <b>2015</b> , 6, 8829	17.4	93
330	Global analysis of H3K4me3 and H3K27me3 profiles in glioblastoma stem cells and identification of SLC17A7 as a bivalent tumor suppressor gene. <i>Oncotarget</i> , <b>2015</b> , 6, 5369-81	3.3	51
329	Examination of circulating DNA by using next generation sequence technology in colorectal cancer.. <i>Journal of Clinical Oncology</i> , <b>2015</b> , 33, e14507-e14507	2.2	
328	Protein-centric N-glycoproteomics analysis of membrane and plasma membrane proteins. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 2705-14	5.6	18
327	A unified test of linkage analysis and rare-variant association for analysis of pedigree sequence data. <i>Nature Biotechnology</i> , <b>2014</b> , 32, 663-9	44.5	75
326	Origin of the PSEN1 E280A mutation causing early-onset Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2014</b> , 10, S277-S283.e10	1.2	26
325	Systems approach to neurodegenerative disease biomarker discovery. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2014</b> , 54, 457-81	17.9	38
324	Mutations in STX1B, encoding a presynaptic protein, cause fever-associated epilepsy syndromes. <i>Nature Genetics</i> , <b>2014</b> , 46, 1327-32	36.3	138
323	Label-free quantitative detection of tumor-derived exosomes through surface plasmon resonance imaging. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 8857-64	7.8	176
322	Betaine homocysteine methyltransferase (BHMT) as a specific and sensitive blood marker for acute liver injury. <i>Biomarkers</i> , <b>2014</b> , 19, 578-84	2.6	4
321	An epigenetic biomarker panel for glioblastoma multiforme personalized medicine through DNA methylation analysis of human embryonic stem cell-like signature. <i>OMICS A Journal of Integrative Biology</i> , <b>2014</b> , 18, 310-23	3.8	18
320	Whole-genome sequencing of the world's oldest people. <i>PLoS ONE</i> , <b>2014</b> , 9, e112430	3.7	46
319	Quantitative liver-specific protein fingerprint in blood: a signature for hepatotoxicity. <i>Theranostics</i> , <b>2014</b> , 4, 215-28	12.1	37
318	Molecular evidence of stress-induced acute heart injury in a mouse model simulating posttraumatic stress disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 3188-93	11.5	32
317	Relationship estimation from whole-genome sequence data. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004144	6	46
316	Realistic artificial DNA sequences as negative controls for computational genomics. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, e99	20.1	17
315	Rapid screening of peptide probes through in situ single-bead sequencing microarray. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 11854-9	7.8	36
314	P4 medicine needs P4 education. <i>Current Pharmaceutical Design</i> , <b>2014</b> , 20, 6071-2	3.3	31

313	From Phage lambda to human cancer: endogenous molecular-cellular network hypothesis. <i>Quantitative Biology</i> , <b>2013</b> , 1, 32-49	3.9	24
312	An automated Teflon microfluidic peptide synthesizer. <i>Lab on A Chip</i> , <b>2013</b> , 13, 3347-50	7.2	20
311	Functional Genomics, Proteomics, Metabolomics and Bioinformatics for Systems Biology <b>2013</b> , 3-41		4
310	Every life has equal value. <i>Cell</i> , <b>2013</b> , 154, 1178-9	56.2	2
309	A blood-based proteomic classifier for the molecular characterization of pulmonary nodules. <i>Science Translational Medicine</i> , <b>2013</b> , 5, 207ra142	17.5	139
308	Participatory medicine: a driving force for revolutionizing healthcare. <i>Genome Medicine</i> , <b>2013</b> , 5, 110	14.4	103
307	Systems Biology and Systems Medicine <b>2013</b> , 60-72		2
306	The Human Genome Project: big science transforms biology and medicine. <i>Genome Medicine</i> , <b>2013</b> , 5, 79	14.4	103
305	Systems Medicine and the Emergence of Proactive P4 Medicine: Predictive, Preventive, Personalized and Participatory <b>2013</b> , 445-467		2
304	Glycocapture-assisted global quantitative proteomics (gagQP) reveals multiorgan responses in serum toxicoproteome. <i>Journal of Proteome Research</i> , <b>2013</b> , 12, 2034-44	5.6	16
303	P4 medicine: how systems medicine will transform the healthcare sector and society. <i>Personalized Medicine</i> , <b>2013</b> , 10, 565-576	2.2	274
302	Multi-study integration of brain cancer transcriptomes reveals organ-level molecular signatures. <i>PLoS Computational Biology</i> , <b>2013</b> , 9, e1003148	5	8
301	Evolutionary etiology of high-grade astrocytomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 17933-8	11.5	29
300	Systems biology and p4 medicine: past, present, and future. <i>Rambam Maimonides Medical Journal</i> , <b>2013</b> , 4, e0012	1.8	160
299	Cell type-specific genes show striking and distinct patterns of spatial expression in the mouse brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 3095-100	11.5	55
298	A Review of Computational Tools in microRNA Discovery. <i>Frontiers in Genetics</i> , <b>2013</b> , 4, 81	4.5	74
297	Optimal scaling of digital transcriptomes. <i>PLoS ONE</i> , <b>2013</b> , 8, e77885	3.7	20
296	N-glycoproteome of E14.Tg2a mouse embryonic stem cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e55722	3.7	13



295	Pillars article: Transgenic mice that express a myelin basic protein-specific T cell receptor develop spontaneous autoimmunity. <i>Cell</i> . 1993. 72: 551-560. <i>Journal of Immunology</i> , <b>2013</b> , 190, 3018-27	5.3	2
294	Single-cell proteomic chip for profiling intracellular signaling pathways in single tumor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 419-24	11.5	262
293	New and improved proteomics technologies for understanding complex biological systems: addressing a grand challenge in the life sciences. <i>Proteomics</i> , <b>2012</b> , 12, 2773-83	4.8	49
292	Systems approaches to biology and disease enable translational systems medicine. <i>Genomics, Proteomics and Bioinformatics</i> , <b>2012</b> , 10, 181-5	6.5	56
291	A personal view on systems medicine and the emergence of proactive P4 medicine: predictive, preventive, personalized and participatory. <i>New Biotechnology</i> , <b>2012</b> , 29, 613-24	6.4	351
290	A systems approach to rheumatoid arthritis. <i>PLoS ONE</i> , <b>2012</b> , 7, e51508	3.7	21
289	SRM targeted proteomics in search for biomarkers of HCV-induced progression of fibrosis to cirrhosis in HALT-C patients. <i>Proteomics</i> , <b>2012</b> , 12, 1244-52	4.8	25
288	Revolutionizing medicine in the 21st century through systems approaches. <i>Biotechnology Journal</i> , <b>2012</b> , 7, 992-1001	5.6	152
287	Predictive, personalized, preventive, participatory (P4) cancer medicine. <i>Nature Reviews Clinical Oncology</i> , <b>2011</b> , 8, 184-7	19.4	464
286	Boosting signal-to-noise in complex biology: prior knowledge is power. <i>Cell</i> , <b>2011</b> , 144, 860-3	56.2	137
285	Chromosomal haplotypes by genetic phasing of human families. <i>American Journal of Human Genetics</i> , <b>2011</b> , 89, 382-97	11	52
284	Landscape of the SOX2 protein-protein interactome. <i>Proteomics</i> , <b>2011</b> , 11, 921-34	4.8	48
283	Systems medicine and integrated care to combat chronic noncommunicable diseases. <i>Genome Medicine</i> , <b>2011</b> , 3, 43	14.4	137
282	Principal network analysis: identification of subnetworks representing major dynamics using gene expression data. <i>Bioinformatics</i> , <b>2011</b> , 27, 391-8	7.2	45
281	Down-regulation of Shadoo in prion infections traces a pre-clinical event inversely related to PrP(Sc) accumulation. <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1002391	7.6	30
280	The Hallmarks of Cancer Revisited Through Systems Biology and Network Modelling <b>2011</b> , 245-266		1
279	Systems Biology and the Discovery of Diagnostic Biomarkers. <i>Disease Markers</i> , <b>2010</b> , 28, 199-207	3.2	48
278	Massively parallel signature sequencing and bioinformatics analysis identifies up-regulation of TGFBI and SOX4 in human glioblastoma. <i>PLoS ONE</i> , <b>2010</b> , 5, e10210	3.7	68



277	Bioprocessing of human glioblastoma brain cancer tissue. <i>Tissue Engineering - Part A</i> , <b>2010</b> , 16, 1169-77	3.9	9
276	Identifying tightly regulated and variably expressed networks by Differential Rank Conservation (DIRAC). <i>PLoS Computational Biology</i> , <b>2010</b> , 6, e1000792	5	64
275	Epigenetic regulation of wnt pathway antagonists in human glioblastoma multiforme. <i>Genes and Cancer</i> , <b>2010</b> , 1, 81-90	2.9	34
274	Parallel microfluidic surface plasmon resonance imaging arrays. <i>Lab on A Chip</i> , <b>2010</b> , 10, 581-8	7.2	106
273	Systems Biology and Systems Medicine <b>2010</b> , 131-141		1
272	Predictive, preventive, personalized and participatory medicine: back to the future. <i>Genome Medicine</i> , <b>2010</b> , 2, 57	14.4	108
271	Analysis of genetic inheritance in a family quartet by whole-genome sequencing. <i>Science</i> , <b>2010</b> , 328, 636-9	3.3	822
270	Analysis of chemotherapy response programs in ovarian cancers by the next-generation sequencing technologies. <i>Gynecologic Oncology</i> , <b>2010</b> , 117, 159-69	4.9	48
269	Systems biology and the discovery of diagnostic biomarkers. <i>Disease Markers</i> , <b>2010</b> , 28, 199-207	3.2	21
268	Systems approaches to biology and disease: integrating discovery and hypothesis-driven paradigms. <i>FASEB Journal</i> , <b>2010</b> , 24, 182.1	0.9	
267	Systems Biology and the Emergence of Systems Medicine <b>2009</b> , 74-85		3
266	Quantitative proteomics analysis integrated with microarray data reveals that extracellular matrix proteins, catenins, and p53 binding protein 1 are important for chemotherapy response in ovarian cancers. <i>OMICS A Journal of Integrative Biology</i> , <b>2009</b> , 13, 345-54	3.8	65
265	Dysregulated gene expression networks in human acute myelogenous leukemia stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 3396-401	11.5	219
264	The Prion Disease Database: a comprehensive transcriptome resource for systems biology research in prion diseases. <i>Database: the Journal of Biological Databases and Curation</i> , <b>2009</b> , 2009, bap011	5	16
263	SPR imaging for high throughput, label-free interaction analysis. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2009</b> , 12, 741-51	1.3	31
262	Detailed transcriptome atlas of the pancreatic beta cell. <i>BMC Medical Genomics</i> , <b>2009</b> , 2, 3	3.7	90
261	Nanomedicine targets cancer. <i>Scientific American</i> , <b>2009</b> , 300, 44-51	0.5	22
260	Elevated expression of DKK1 is associated with cytoplasmic/nuclear beta-catenin accumulation and poor prognosis in hepatocellular carcinomas. <i>Journal of Hepatology</i> , <b>2009</b> , 50, 948-57	13.4	114

259	Systems medicine: the future of medical genomics and healthcare. <i>Genome Medicine</i> , <b>2009</b> , 1, 2	14.4	279
258	Integrated expression profiling and CHIP-seq analyses of the growth inhibition response program of the androgen receptor. <i>PLoS ONE</i> , <b>2009</b> , 4, e6589	3.7	68
257	Targeting stem cells-clinical implications for cancer therapy. <i>Current Stem Cell Research and Therapy</i> , <b>2009</b> , 4, 147-53	3.6	41
256	Integrated barcode chips for rapid, multiplexed analysis of proteins in microliter quantities of blood. <i>Nature Biotechnology</i> , <b>2008</b> , 26, 1373-8	44.5	451
255	Direct multiplexed measurement of gene expression with color-coded probe pairs. <i>Nature Biotechnology</i> , <b>2008</b> , 26, 317-25	44.5	1526
254	Cancer as robust intrinsic state of endogenous molecular-cellular network shaped by evolution. <i>Medical Hypotheses</i> , <b>2008</b> , 70, 678-84	3.8	114
253	Wu and Kabat 1970: a transforming view of antibody diversity. <i>Journal of Immunology</i> , <b>2008</b> , 180, 7055-65.3		3
252	WDR19 expression is increased in prostate cancer compared with normal cells, but low-intensity expression in cancers is associated with shorter time to biochemical failures and local recurrence. <i>Clinical Cancer Research</i> , <b>2008</b> , 14, 1397-406	12.9	14
251	Quantitative serum proteomics from surface plasmon resonance imaging. <i>Molecular and Cellular Proteomics</i> , <b>2008</b> , 7, 2464-74	7.6	63
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3	Systems Approach to Studying Disease1		
2	Gut Microbiome Pattern Reflects Healthy Aging and Predicts Extended Survival in Humans		3
1	Blood metabolome signature predicts gut microbiome diversity in health and disease		1