

Jan Maciej Komorowski

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.

164 papers	10,084 citations	33 h-index	99 g-index
184 ext. papers	11,303 ext. citations	5.9 avg, IF	5.19 L-index

#	Paper	IF	Citations
164	Interpretable machine learning identifies paediatric Systemic Lupus Erythematosus subtypes based on gene expression data.. <i>Scientific Reports</i> , 2022 , 12, 7433	4.9	0
163	R.ROSETTA: an interpretable machine learning framework. <i>BMC Bioinformatics</i> , 2021 , 22, 110	3.6	5
162	A non-coding cancer mutation disrupting an HNF4 β binding motif affects an enhancer regulating genes associated to the progression of liver cancer. <i>Experimental Oncology</i> , 2021 , 43, 2-6	0.8	0
161	Mapping chromatin accessibility and active regulatory elements reveals pathological mechanisms in human gliomas. <i>Nature Communications</i> , 2021 , 12, 3621	17.4	2
160	Multifaceted regulation of hepatic lipid metabolism by YY1. <i>Life Science Alliance</i> , 2021 , 4,	5.8	3
159	Interleukin-15 response signature predicts RhCMV/SIV vaccine efficacy. <i>PLoS Pathogens</i> , 2021 , 17, e1009278	4.7	4
158	Nucleolar rDNA folds into condensed foci with a specific combination of epigenetic marks. <i>Plant Journal</i> , 2021 , 105, 1534-1548	6.9	0
157	Genomic characterization of relapsed acute myeloid leukemia reveals novel putative therapeutic targets. <i>Blood Advances</i> , 2021 , 5, 900-912	7.8	4
156	Interpretable Machine Learning Reveals Dissimilarities Between Subtypes of Autism Spectrum Disorder. <i>Frontiers in Genetics</i> , 2021 , 12, 618277	4.5	3
155	Integration of whole-body [F]FDG PET/MRI with non-targeted metabolomics can provide new insights on tissue-specific insulin resistance in type 2 diabetes. <i>Scientific Reports</i> , 2020 , 10, 8343	4.9	2
154	A Multi-Omics Approach to Liver Diseases: Integration of Single Nuclei Transcriptomics with Proteomics and HiCap Bulk Data in Human Liver. <i>OMICS A Journal of Integrative Biology</i> , 2020 , 24, 180-194	3.8	10
153	Analyses of non-coding somatic drivers in 2,658 cancer whole genomes. <i>Nature</i> , 2020 , 578, 102-111	50.4	220
152	-ROSETTA. <i>Lecture Notes in Computer Science</i> , 2020 , 8-25	0.9	0
151	Studies of liver tissue identify functional gene regulatory elements associated to gene expression, type 2 diabetes, and other metabolic diseases. <i>Human Genomics</i> , 2019 , 13, 20	6.8	2
150	Analyzing DNA methylation patterns in subjects diagnosed with schizophrenia using machine learning methods. <i>Journal of Psychiatric Research</i> , 2019 , 114, 41-47	5.2	7
149	Intra- and inter-individual metabolic profiling highlights carnitine and lysophosphatidylcholine pathways as key molecular defects in type 2 diabetes. <i>Scientific Reports</i> , 2019 , 9, 9653	4.9	18
148	Macrophage-associated wound healing contributes to African green monkey SIV pathogenesis control. <i>Nature Communications</i> , 2019 , 10, 5101	17.4	5

147	Efficacy and safety of high-dose long-acting repeatable octreotide as monotherapy or in combination with pegvisomant or cabergoline in patients with acromegaly not adequately controlled by conventional regimens: results of an open-label, multicentre study. <i>Endokrynologia Polska</i> , 2019 , 70, 305-312	1.1	5
146	Allele specific chromatin signals, 3D interactions, and motif predictions for immune and B cell related diseases. <i>Scientific Reports</i> , 2019 , 9, 2695	4.9	12
145	Alteration in the serum concentrations of FGF19, FGFR4 and Klotho in patients with thyroid cancer. <i>Cytokine</i> , 2018 , 105, 32-36	4	13
144	Unveiling new interdependencies between significant DNA methylation sites, gene expression profiles and glioma patients survival. <i>Scientific Reports</i> , 2018 , 8, 4390	4.9	7
143	Estimation of vitamin D status in patients with secondary and primary hypothyroidism of different etiology. <i>Neuroendocrinology Letters</i> , 2018 , 38, 565-564	0.3	2
142	Risk stratification in cervical cancer screening by complete screening history: Applying bioinformatics to a general screening population. <i>International Journal of Cancer</i> , 2017 , 141, 200-209	7.5	9
141	Elevated Concentrations of SERPINE2/Protease Nexin-1 and Secretory Leukocyte Protease Inhibitor in the Serum of Patients with Papillary Thyroid Cancer. <i>Disease Markers</i> , 2017 , 2017, 4962137	3.2	9
140	PiiL: visualization of DNA methylation and gene expression data in gene pathways. <i>BMC Genomics</i> , 2017 , 18, 571	4.5	3
139	Combinatorial identification of DNA methylation patterns over age in the human brain. <i>BMC Bioinformatics</i> , 2016 , 17, 393	3.6	10
138	Selection of Significant Features Using Monte Carlo Feature Selection. <i>Studies in Computational Intelligence</i> , 2016 , 25-38	0.8	4
137	Discovering Networks of Interdependent Features in High-Dimensional Problems. <i>Studies in Big Data</i> , 2016 , 285-304	0.9	7
136	A Significant Regulatory Mutation Burden at a High-Affinity Position of the CTCF Motif in Gastrointestinal Cancers. <i>Human Mutation</i> , 2016 , 37, 904-13	4.7	28
135	Somatostatin Analogs and Tumor Localization Do Not Influence Vitamin D Concentration in Patients with Neuroendocrine Tumors. <i>Nutrition and Cancer</i> , 2016 , 68, 428-34	2.8	10
134	Maps of context-dependent putative regulatory regions and genomic signal interactions. <i>Nucleic Acids Research</i> , 2016 , 44, 9110-9120	20.1	7
133	Identification of combinatorial host-specific signatures with a potential to affect host adaptation in influenza A H1N1 and H3N2 subtypes. <i>BMC Genomics</i> , 2016 , 17, 529	4.5	3
132	Decreased serum level of IL-7 in patients with active GravesDisease. <i>Cytokine</i> , 2015 , 75, 373-9	4	4
131	A complete map of potential pathogenicity markers of avian influenza virus subtype H5 predicted from 11 expressed proteins. <i>BMC Microbiology</i> , 2015 , 15, 128	4.5	7
130	Reduced plasma level of diazepam-binding inhibitor (DBI) in patients with morbid obesity. <i>Endocrine</i> , 2015 , 49, 859-62	4	7

129	Different distribution of histone modifications in genes with unidirectional and bidirectional transcription and a role of CTCF and cohesin in directing transcription. <i>BMC Genomics</i> , 2015 , 16, 300	4.5	20
128	TrueNull allele detection in microsatellite loci: a comparison of methods, assessment of difficulties and survey of possible improvements. <i>Molecular Ecology Resources</i> , 2015 , 15, 477-88	8.4	31
127	Ultrafiltration - an alternative method to polyethylene glycol precipitation for macroprolactin detection. <i>Archives of Medical Science</i> , 2015 , 11, 1001-7	2.9	6
126	The signal transducers Stat1 and Stat3 and their novel target Jmjd3 drive the expression of inflammatory genes in microglia. <i>Journal of Molecular Medicine</i> , 2014 , 92, 239-54	5.5	124
125	Integration of genome-wide of Stat3 binding and epigenetic modification mapping with transcriptome reveals novel Stat3 target genes in glioma cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014 , 1839, 1341-50	6	11
124	Ciruviz: a web-based tool for rule networks and interaction detection using rule-based classifiers. <i>BMC Bioinformatics</i> , 2014 , 15, 139	3.6	15
123	Nucleosome regulatory dynamics in response to TGF β . <i>Nucleic Acids Research</i> , 2014 , 42, 6921-34	20.1	6
122	Usefulness of PTH measurements in FNAB washouts in the identification of pathological parathyroids--analysis of the factors that influence the effectiveness of this method. <i>Endokrynologia Polska</i> , 2014 , 65, 25-32	1.1	6
121	ChIP-seq in steatohepatitis and normal liver tissue identifies candidate disease mechanisms related to progression to cancer. <i>BMC Medical Genomics</i> , 2013 , 6, 50	3.7	8
120	Long-term impact of vertical banded gastroplasty (VBG) on plasma concentration of leptin, soluble leptin receptor, ghrelin, omentin-1, obestatin, and retinol binding protein 4 (RBP4) in patients with severe obesity. <i>Cytokine</i> , 2013 , 64, 490-3	4	21
119	Peak Finder Metaserver - a novel application for finding peaks in ChIP-seq data. <i>BMC Bioinformatics</i> , 2013 , 14, 280	3.6	10
118	Random Reducts: A Monte Carlo Rough Set-based Method for Feature Selection in Large Datasets. <i>Fundamenta Informaticae</i> , 2013 , 127, 273-288	1	9
117	Rule-based models of the interplay between genetic and environmental factors in childhood allergy. <i>PLoS ONE</i> , 2013 , 8, e80080	3.7	14
116	Combinations of histone modifications mark exon inclusion levels. <i>PLoS ONE</i> , 2012 , 7, e29911	3.7	29
115	Gis1 and Rph1 regulate glycerol and acetate metabolism in glucose depleted yeast cells. <i>PLoS ONE</i> , 2012 , 7, e31577	3.7	28
114	A strand specific high resolution normalization method for chip-sequencing data employing multiple experimental control measurements. <i>Algorithms for Molecular Biology</i> , 2012 , 7, 2	1.8	4
113	Monte Carlo feature selection and rule-based models to predict Alzheimer's disease in mild cognitive impairment. <i>Journal of Neural Transmission</i> , 2012 , 119, 821-31	4.3	10
112	Elevated peripheral blood plasma concentrations of tie-2 and angiopoietin 2 in patients with neuroendocrine tumors. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 1444-60	6.3	9

111	Antineoplastic action of growth hormone-releasing hormone (GHRH) antagonists. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2012 , 7, 56-63	2.6	7
110	Visualization of Rules in Rule-Based Classifiers. <i>Smart Innovation, Systems and Technologies</i> , 2012 , 329-338	5	1
109	Systemic blood osteopontin, endostatin, and E-selectin concentrations after vertical banding surgery in severely obese adults. <i>Cytokine</i> , 2011 , 55, 56-61	4	19
108	Serum vascular endothelial growth factor (VEGF) is elevated in GH deficient adults. <i>Growth Hormone and IGF Research</i> , 2011 , 21, 96-101	2	1
107	Cancer associated epigenetic transitions identified by genome-wide histone methylation binding profiles in human colorectal cancer samples and paired normal mucosa. <i>BMC Cancer</i> , 2011 , 11, 450	4.8	27
106	Computational Analysis of Molecular Interaction Networks Underlying Change of HIV-1 Resistance to Selected Reverse Transcriptase Inhibitors. <i>Bioinformatics and Biology Insights</i> , 2010 , 4, 137-46	5.3	5
105	Recurrent genomic alterations in benign and malignant pheochromocytomas and paragangliomas revealed by whole-genome array comparative genomic hybridization analysis. <i>Endocrine-Related Cancer</i> , 2010 , 17, 561-79	5.7	26
104	Integrative epigenomic and genomic analysis of malignant pheochromocytoma. <i>Experimental and Molecular Medicine</i> , 2010 , 42, 484-502	12.8	29
103	Serum concentrations of TNF α and its soluble receptors in patients with adrenal tumors treated by surgery. <i>International Journal of Molecular Sciences</i> , 2010 , 11, 2281-90	6.3	3
102	Nitrogen depletion in the fission yeast <i>Schizosaccharomyces pombe</i> causes nucleosome loss in both promoters and coding regions of activated genes. <i>Genome Research</i> , 2010 , 20, 361-71	9.7	13
101	Focal amplifications are associated with high grade and recurrences in stage Ta bladder carcinoma. <i>International Journal of Cancer</i> , 2010 , 126, 1390-402	7.5	45
100	Decreased 1-25 dihydroxyvitamin D3 concentration in peripheral blood serum of patients with thyroid cancer. <i>Archives of Medical Research</i> , 2010 , 41, 190-4	6.6	40
99	SICTIN: Rapid footprinting of massively parallel sequencing data. <i>BioData Mining</i> , 2010 , 3, 4	4.3	9
98	Monte Carlo Feature Selection and Interdependency Discovery in Supervised Classification. <i>Studies in Computational Intelligence</i> , 2010 , 371-385	0.8	10
97	A comprehensive analysis of the structure-function relationship in proteins based on local structure similarity. <i>PLoS ONE</i> , 2009 , 4, e6266	3.7	29
96	Identification of candidate regulatory SNPs by combination of transcription-factor-binding site prediction, SNP genotyping and haploChIP. <i>Nucleic Acids Research</i> , 2009 , 37, e85	20.1	29
95	Molecular interactions between HNF4a, FOXA2 and GABP identified at regulatory DNA elements through ChIP-sequencing. <i>Nucleic Acids Research</i> , 2009 , 37, 7498-508	20.1	51
94	Histone H3 lysine 27 trimethylation in adult differentiated colon associated to cancer DNA hypermethylation. <i>Epigenetics</i> , 2009 , 4, 107-13	5.7	24

93	Gene expression trends and protein features effectively complement each other in gene function prediction. <i>Bioinformatics</i> , 2009 , 25, 322-30	7.2	5
92	Characterization of novel and complex genomic aberrations in glioblastoma using a 32K BAC array. <i>Neuro-Oncology</i> , 2009 , 11, 803-18	1	32
91	Stimulatory effect of growth hormone-releasing hormone (GHRH(1-29)NH ₂) on the proliferation, VEGF and chromogranin A secretion by human neuroendocrine tumor cell line NCI-H727 in vitro. <i>Neuropeptides</i> , 2009 , 43, 397-400	3.3	9
90	Novel genes in cell cycle control and lipid metabolism with dynamically regulated binding sites for sterol regulatory element-binding protein 1 and RNA polymerase II in HepG2 cells detected by chromatin immunoprecipitation with microarray detection. <i>FEBS Journal</i> , 2009 , 276, 1878-90	5.7	14
89	Proteochemometrics mapping of the interaction space for retroviral proteases and their substrates. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 5229-37	3.4	12
88	Differential binding and co-binding pattern of FOXA1 and FOXA3 and their relation to H3K4me3 in HepG2 cells revealed by ChIP-seq. <i>Genome Biology</i> , 2009 , 10, R129	18.3	57
87	Nucleosomes are well positioned in exons and carry characteristic histone modifications. <i>Genome Research</i> , 2009 , 19, 1732-41	9.7	242
86	A Rough Set-Based Model of HIV-1 Reverse Transcriptase Resistome. <i>Bioinformatics and Biology Insights</i> , 2009 , 3, 109-27	5.3	19
85	Peripheral blood concentrations of vascular endothelial growth factor and its soluble receptors (R1 and R2) in patients with adrenal cortex tumours treated by surgery. <i>Endokrynologia Polska</i> , 2009 , 60, 9-13	1.1	1
84	Genome-scale study of the importance of binding site context for transcription factor binding and gene regulation. <i>BMC Bioinformatics</i> , 2008 , 9, 484	3.6	15
83	Combinatorial control of gene expression by the three yeast repressors Mig1, Mig2 and Mig3. <i>BMC Genomics</i> , 2008 , 9, 601	4.5	71
82	Resistin increases with obesity and atherosclerotic risk factors in patients with myocardial infarction. <i>Metabolism: Clinical and Experimental</i> , 2008 , 57, 488-93	12.7	43
81	Kcnq1ot1 antisense noncoding RNA mediates lineage-specific transcriptional silencing through chromatin-level regulation. <i>Molecular Cell</i> , 2008 , 32, 232-46	17.6	961
80	Inhibition of proliferation, VEGF secretion of human neuroendocrine tumor cell line NCI-H727 by an antagonist of growth hormone-releasing hormone (GH-RH) in vitro. <i>Cancer Letters</i> , 2008 , 268, 120-8	9.9	5
79	Generalized proteochemometric model of multiple cytochrome p450 enzymes and their inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2008 , 48, 1840-50	6.1	35
78	A segmental maximum a posteriori approach to genome-wide copy number profiling. <i>Bioinformatics</i> , 2008 , 24, 751-8	7.2	28
77	Monte Carlo feature selection for supervised classification. <i>Bioinformatics</i> , 2008 , 24, 110-7	7.2	155
76	Whole-genome maps of USF1 and USF2 binding and histone H3 acetylation reveal new aspects of promoter structure and candidate genes for common human disorders. <i>Genome Research</i> , 2008 , 18, 380-92	9.7	72

75	Effect of hyperprolactinaemia on <i>Toxoplasma gondii</i> prevalence in humans. <i>Parasitology Research</i> , 2008 , 102, 723-9	2.4	15
74	Profiling of copy number variations (CNVs) in healthy individuals from three ethnic groups using a human genome 32 K BAC-clone-based array. <i>Human Mutation</i> , 2008 , 29, 398-408	4.7	43
73	Somatic mosaicism for copy number variation in differentiated human tissues. <i>Human Mutation</i> , 2008 , 29, 1118-24	4.7	172
72	Phenotypically concordant and discordant monozygotic twins display different DNA copy-number-variation profiles. <i>American Journal of Human Genetics</i> , 2008 , 82, 763-71	11	437
71	Construction of Rough Set-Based Classifiers for Predicting HIV Resistance to Nucleoside Reverse Transcriptase Inhibitors 2008 , 249-258		
70	Overlapping phenotype of Wolf-Hirschhorn and Beckwith-Wiedemann syndromes in a girl with der(4)t(4;11)(pter;pter). <i>American Journal of Medical Genetics, Part A</i> , 2007 , 143A, 1760-6	2.5	5
69	A previously unrecognized microdeletion syndrome on chromosome 22 band q11.2 encompassing the BCR gene. <i>American Journal of Medical Genetics, Part A</i> , 2007 , 143A, 2178-84	2.5	40
68	Computational proteomics analysis of HIV-1 protease interactome. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007 , 68, 305-12	4.2	42
67	Proteochemometric analysis of small cyclic peptidesInteraction with wild-type and chimeric melanocortin receptors. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007 , 69, 83-96	4.2	15
66	Identification and analysis of functional elements in 1% of the human genome by the ENCODE pilot project. <i>Nature</i> , 2007 , 447, 799-816	50.4	4121
65	Revealing cell cycle control by combining model-based detection of periodic expression with novel cis-regulatory descriptors. <i>BMC Systems Biology</i> , 2007 , 1, 45	3.5	6
64	Endocan is a VEGF-A and PI3K regulated gene with increased expression in human renal cancer. <i>Experimental Cell Research</i> , 2007 , 313, 1285-94	4.2	100
63	A look inside HIV resistance through retroviral protease interaction maps. <i>PLoS Computational Biology</i> , 2007 , 3, e48	5	21
62	Butyrate mediates decrease of histone acetylation centered on transcription start sites and down-regulation of associated genes. <i>Genome Research</i> , 2007 , 17, 708-19	9.7	106
61	Differential gene expression in the olfactory bulb following exposure to the olfactory toxicant 2,6-dichlorophenyl methylsulphone and its 2,5-dichlorinated isomer in mice. <i>NeuroToxicology</i> , 2007 , 28, 1120-8	4.4	1
60	Rough Sets in Bioinformatics 2007 , 225-243		5
59	Relation of C-reactive protein to obesity, adipose tissue hormones and cardiovascular risk factors in men treated with early percutaneous intervention in course of acute myocardial infarction. <i>Neuroendocrinology Letters</i> , 2007 , 28, 427-32	0.3	3
58	Monoclonal anti-TNFalpha antibody (infliximab) in the treatment of patient with thyroid associated ophthalmopathy. <i>Klinika Oczna</i> , 2007 , 109, 457-60	0.5	17

57	Using local gene expression similarities to discover regulatory binding site modules. <i>BMC Bioinformatics</i> , 2006 , 7, 505	3.6	8
56	The LCB Data Warehouse. <i>Bioinformatics</i> , 2006 , 22, 1024-6	7.2	34
55	Aetiology-specific patterns in end-stage heart failure patients identified by functional annotation and classification of microarray data. <i>European Journal of Heart Failure</i> , 2006 , 8, 381-9	12.3	20
54	A Statistical Method for Determining Importance of Variables in an Information System. <i>Lecture Notes in Computer Science</i> , 2006 , 557-566	0.9	13
53	Angiopoietin 1 (Ang-1), angiopoietin 2 (Ang-2) and Tie-2 (a receptor tyrosine kinase) concentrations in peripheral blood of patients with thyroid cancers. <i>Cytokine</i> , 2006 , 36, 291-5	4	27
52	Effect of thalidomide affecting VEGF secretion, cell migration, adhesion and capillary tube formation of human endothelial EA.hy 926 cells. <i>Life Sciences</i> , 2006 , 78, 2558-63	6.8	48
51	Inhibitory effect of thalidomide on the growth, secretory function and angiogenesis of estrogen-induced prolactinoma in Fischer 344 rats. <i>Life Sciences</i> , 2006 , 79, 1741-8	6.8	2
50	The place of somatostatin analogs in the diagnosis and treatment of the neuroendocrine glands tumors. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2006 , 1, 237-54	2.6	10
49	Rough set-based proteochemometrics modeling of G-protein-coupled receptor-ligand interactions. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006 , 63, 24-34	4.2	23
48	Generalized modeling of enzyme-ligand interactions using proteochemometrics and local protein substructures. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006 , 65, 568-79	4.2	38
47	The relationship between features of metabolic syndrome and blood adipocytokine concentrations in the morbid obese patients during dynamic weight loss. <i>Open Medicine (Poland)</i> , 2006 , 1, 136-147	2.2	
46	Angiogenic and anti-angiogenic factors in adrenal tumours. <i>Endokrynologia Polska</i> , 2006 , 57, 633-40	1.1	2
45	Cytokines locally produced by lymphocytes removed from the hypertrophic nasopharyngeal and palatine tonsils. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2005 , 69, 937-41	1.7	33
44	Binding sites for metabolic disease related transcription factors inferred at base pair resolution by chromatin immunoprecipitation and genomic microarrays. <i>Human Molecular Genetics</i> , 2005 , 14, 3435-47	5.6	66
43	Discovering regulatory binding-site modules using rule-based learning. <i>Genome Research</i> , 2005 , 15, 856-66	9.7	34
42	Markers of adenocarcinoma characteristic of the site of origin: development of a diagnostic algorithm. <i>Clinical Cancer Research</i> , 2005 , 11, 3766-72	12.9	251
41	A study on Monte Carlo Gene Screening 2005 , 349-356		1
40	(\mathcal{R} of \mathcal{S}): A Rough Knowledge Base System. <i>Lecture Notes in Computer Science</i> , 2005 , 48-58	0.9	3

39	Soft Computing Approach to the Analysis of the Amino Acid Similarity Matrices 2005 , 663-670		1
38	Growth hormone replacement decreases plasma levels of matrix metalloproteinases (2 and 9) and vascular endothelial growth factor in growth hormone-deficient individuals. <i>Circulation</i> , 2004 , 109, 2405-10	16.7	19
37	Gene expression based classification of gastric carcinoma. <i>Cancer Letters</i> , 2004 , 210, 227-37	9.9	24
36	Feature Synthesis and Extraction for the Construction of Generalized Properties of Amino Acids. <i>Lecture Notes in Computer Science</i> , 2004 , 786-791	0.9	4
35	Evaluation of the levels of bFGF, VEGF, sICAM-1, and sVCAM-1 in serum of patients with thyroid cancer. <i>Recent Results in Cancer Research</i> , 2003 , 162, 189-94	1.5	22
34	A novel approach to fold recognition using sequence-derived properties from sets of structurally similar local fragments of proteins. <i>Bioinformatics</i> , 2003 , 19 Suppl 2, ii81-91	7.2	20
33	Liver gene expression in rats in response to the peroxisome proliferator-activated receptor-alpha agonist ciprofibrate. <i>Physiological Genomics</i> , 2003 , 15, 9-19	3.6	32
32	Predicting gene ontology biological process from temporal gene expression patterns. <i>Genome Research</i> , 2003 , 13, 965-79	9.7	76
31	Learning rule-based models of biological process from gene expression time profiles using gene ontology. <i>Bioinformatics</i> , 2003 , 19, 1116-23	7.2	65
30	Matrix metalloproteinases, tissue inhibitors of matrix metalloproteinases and angiogenic cytokines in peripheral blood of patients with thyroid cancer. <i>Thyroid</i> , 2002 , 12, 655-62	6.2	47
29	A Rough Set Framework for Learning in a Directed Acyclic Graph. <i>Lecture Notes in Computer Science</i> , 2002 , 144-155	0.9	9
28	A literature network of human genes for high-throughput analysis of gene expression. <i>Nature Genetics</i> , 2001 , 28, 21-8	36.3	590
27	. <i>Nature Genetics</i> , 2001 , 28, 21-28	36.3	227
26	Interleukins in Graves Disease 2001 , 251-261		
25	Classification of Gene Expression Data in an Ontology. <i>Lecture Notes in Computer Science</i> , 2001 , 186-194	0.9	8
24	Towards Knowledge Discovery from cDNA Microarray Gene Expression Data. <i>Lecture Notes in Computer Science</i> , 2000 , 470-475	0.9	
23	Taming Large Rule Models in Rough Set Approaches. <i>Lecture Notes in Computer Science</i> , 1999 , 193-203	0.9	6
22	Diagnosing Acute Appendicitis with Very Simple Classification Rules. <i>Lecture Notes in Computer Science</i> , 1999 , 462-467	0.9	3

21	Influence of granulocyte-macrophage colony stimulating factor on pituitary-adrenal axis (PAA) in rats in vivo. <i>Pituitary</i> , 1999 , 2, 211-6	4.3	9
20	Modelling prognostic power of cardiac tests using rough sets. <i>Artificial Intelligence in Medicine</i> , 1999 , 15, 167-91	7.4	59
19	Cytokines serum levels as the markers of thyroid activation in GravesDisease. <i>Immunology Letters</i> , 1998 , 60, 143-8	4.1	15
18	Some Heuristics for Default Knowledge Discovery. <i>Lecture Notes in Computer Science</i> , 1998 , 373-380	0.9	2
17	Partial Structural Synthesis of Programs. <i>Fundamenta Informaticae</i> , 1997 , 31, 125-144	1	3
16	Towards a Rough Mereology-Based Logic for Approximate Solution Synthesis. Part 1. <i>Studia Logica</i> , 1997 , 58, 143-184	0.7	8
15	Effects of hCG and beta-hCG on IL-2 and sIL-2R secretion from human peripheral blood mononuclear cells: a dose-response study in vitro. <i>Immunology Letters</i> , 1997 , 59, 29-33	4.1	14
14	Partial deduction in the framework of structural synthesis of programs. <i>Lecture Notes in Computer Science</i> , 1997 , 239-255	0.9	1
13	Rough sets for data mining and knowledge discovery. <i>Lecture Notes in Computer Science</i> , 1997 , 393-393	0.9	3
12	Hypothalamic-pituitary-thyroid axis and the immune system. <i>NeuroImmunoModulation</i> , 1994 , 1, 149-52	2.5	22
11	Towards refinement of definite logic programs. <i>Lecture Notes in Computer Science</i> , 1994 , 315-325	0.9	3
10	A Prolegomenon to Partial Deduction. <i>Fundamenta Informaticae</i> , 1993 , 18, 41-64	1	4
9	Increased interleukin-2 level in patients with primary hypothyroidism. <i>Clinical Immunology and Immunopathology</i> , 1992 , 63, 200-2		10
8	An introduction to partial deduction. <i>Lecture Notes in Computer Science</i> , 1992 , 49-69	0.9	20
7	Biochemical deficiencies of coenzyme Q10 in HIV-infection and exploratory treatment. <i>Biochemical and Biophysical Research Communications</i> , 1988 , 153, 888-96	3.4	31
6	Logic programming and rapid prototyping. <i>Science of Computer Programming</i> , 1987 , 9, 179-205	1.1	4
5	R.ROSETTA: an interpretable machine learning framework		1
4	Discovery and characterization of coding and non-coding driver mutations in more than 2,500 whole cancer genomes		12

3	funMotifs: Tissue-specific transcription factor motifs	1
2	Organ-specific metabolic pathways distinguish prediabetes, type 2 diabetes and normal tissues	1
1	Sustained IL-15 response signature predicts RhCMV/SIV vaccine efficacy	1