Joanna Polanska

List of Publications by Year
in descending order

174 papers	4,074 citations	218677 26 h-index	138484 58 g-index
192 all docs	192 docs citations	192 times ranked	6327 citing authors

#	Article	IF	Citations
1	Incidence trends for childhood type 1 diabetes in Europe during 1989–2003 and predicted new cases 2005–20: a multicentre prospective registration study. Lancet, The, 2009, 373, 2027-2033.	13.7	1,524
2	Birthweight and the risk of childhood-onset type 1 diabetes: a meta-analysis of observational studies using individual patient data. Diabetologia, 2010, 53, 641-651.	6.3	95
3	Gene set enrichment for reproducible science: comparison of CERNO and eight other algorithms. Bioinformatics, 2019, 35, 5146-5154.	4.1	83
4	Radiomics and artificial intelligence in lung cancer screening. Translational Lung Cancer Research, 2021, 10, 1186-1199.	2.8	80
5	Bulky DNA adducts in human sperm: relationship with fertility, semen quality, smoking, and environmental factors. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 537, 53-65.	1.7	75
6	Rapid increase in the incidence of type 1 diabetes in Polish children from 1989 to 2004, and predictions for 2010 to 2025. Diabetologia, 2011, 54, 508-515.	6.3	75
7	DNA damage and repair in lymphocytes of normal individuals and cancer patients: studies by the comet assay and micronucleus tests.. Acta Biochimica Polonica, 2003, 50, 181-190.	0.5	73
8	DALSA: Domain Adaptation for Supervised Learning From Sparsely Annotated MR Images. IEEE Transactions on Medical Imaging, 2016, 35, 184-196.	8.9	68
9	Stage I non-small-cell lung cancer: long-term results of lobectomy versus sublobar resection from the Polish National Lung Cancer Registry†. European Journal of Cardio-thoracic Surgery, 2017, 52, 363-369.	1.4	65
10	Serum lipid profile discriminates patients with early lung cancer from healthy controls. Lung Cancer, 2017, 112, 69-74.	2.0	57
11	Influence of Polymorphisms in DNA Repair GenesXPD, XRCC1andMGMTon DNA Damage Induced by Gamma Radiation and its Repair in LymphocytesIn Vitro. Radiation Research, 2005, 164, 132-140.	1.5	55
12	Mass spectrometry-based serum proteome pattern analysis in molecular diagnostics of early stage breast cancer. Journal of Translational Medicine, 2009, 7, 60.	4.4	55
13	Prognostic value of 5-microRNA based signature in T2-T3N0 colon cancer. Clinical and Experimental Metastasis, 2016, 33, 765-773.	3.3	52
14	Ranking metrics in gene set enrichment analysis: do they matter?. BMC Bioinformatics, 2017, 18, 256.	2.6	51
15	Updated 24–year trend of Type 1 diabetes incidence in children in Poland reveals a sinusoidal pattern and sustained increase. Diabetic Medicine, 2017, 34, 1252-1258.	2.3	50
16	Bystander Effects Induced by Medium From Irradiated Cells: Similar Transcriptome Responses in Irradiated and Bystander K562 Cells. International Journal of Radiation Oncology Biology Physics, 2010, 77, 244-252.	0.8	44
17	Ionizing radiation affects the composition of the proteome of extracellular vesicles released by head-and-neck cancer cells in vitro. Journal of Radiation Research, 2019, 60, 289-297.	1.6	43
18	Adaptive filtering of microarray gene expression data based on Gaussian mixture decomposition. BMC Bioinformatics, 2013, 14, 101.	2.6	41

#	ARTICLE	IF	CITATIONS
19	Transcriptomic signature of cell lines isolated from canine mammary adenocarcinoma metastases to lungs. Journal of Applied Genetics, 2010, 51, 37-50.	1.9	40
20	Tissue fixed with formalin and processed without paraffin embedding is suitable for imaging of both peptides and lipids by MALDIâ€‹MS. Proteomics, 2016, 16, 1670-1677.	2.2	40
21	Association between Age at Diagnosis of Graves' Disease and Variants in Genes Involved in Immune Response. PLoS ONE, 2013, 8, e59349.	2.5	38
22	Proteomic profile of melanoma cellâ€‹derived small extracellular vesicles in patientsâ€™ plasma: a potential correlate of melanoma progression. Journal of Extracellular Vesicles, 2021, 10, e12063.	12.2	38
23	Signal Partitioning Algorithm for Highly Efficient Gaussian Mixture Modeling in Mass Spectrometry. PLoS ONE, 2015, 10, e0134256.	2.5	31
24	Molecular profiles of thyroid cancer subtypes: Classification based on features of tissue revealed by mass spectrometry imaging. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2017, 1865, 837-845.	2.3	31
25	Impact of heat shock transcription factor 1 on global gene expression profiles in cells which induce either cytoprotective or pro-apoptotic response following hyperthermia. BMC Genomics, 2013, 14, 456.	2.8	30
26	Radiation-Induced Changes in Serum Lipidome of Head and Neck Cancer Patients. International Journal of Molecular Sciences, 2014, 15, 6609-6624.	4.1	29
27	Interaction of HLA-DRB1 Alleles with CTLA-4 in the Predisposition to Graves' Disease: The Impact of DRB1*07. Thyroid, 2006, 16, 447-453.	4.5	27
28	Favourable outcomes in patients with early-stage non-small-cell lung cancer operated on by video-assisted thoracoscopic surgery: a propensity score-matched analysisâ€. European Journal of Cardio-thoracic Surgery, 2018, 54, 547-553.	1.4	27
29	Serum Proteome Signature of Radiation Response: Upregulation of Inflammation-Related Factors and Downregulation of Apolipoproteins and Coagulation Factors in Cancer Patients Treated With Radiation Therapyâ€"A Pilot Study. International Journal of Radiation Oncology Biology Physics, 2015, 92, 1108-1115.	0.8	25
30	Serum mass profile signature as a biomarker of early lung cancer. Lung Cancer, 2016, 99, 46-52.	2.0	25
31	Panel of serum metabolites discriminates cancer patients and healthy participants of lung cancer screening - a pilot study. Acta Biochimica Polonica, 2017, 64, 513-518.	0.5	25
32	Discrimination of normal oral mucosa from oral cancer by mass spectrometry imaging of proteins and lipids. Journal of Molecular Histology, 2019, 50, 1-10.	2.2	25
33	Blood pressure disturbances and endothelial dysfunction markers in children and adolescents with type 1 diabetes. Atherosclerosis, 2014, 237, 129-134.	0.8	24
34	Detection of molecular signatures of oral squamous cell carcinoma and normal epithelium â€" application of a novel methodology for unsupervised segmentation of imaging mass spectrometry data. Proteomics, 2016, 16, 1613-1621.	2.2	24
35	OdrÃ³Å¼nienie brodawkowatego raka tarczycy od tkanki nienowotworowej w oparciu o profilowanie lipidÃ³w metodÄ… MALDI-MSI. Endokrynologia Polska, 2018, 69, 2-8.	1.0	24
36	Epigenetic age prediction in semen â€" marker selection and model development. Aging, 2021, 13, 19145-19164.	3.1	23

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37	Seeking the Factors Predisposing to Local Skin Inflammatory State Development in Children with Type 1 Diabetes (T1DM) Treated with Continuous Subcutaneous Insulin Infusion (CSII). Experimental and Clinical Endocrinology and Diabetes, 2007, 115, 179-181.	1.2	21
38	Remission phase in children diagnosed with type 1 diabetes in years 2012 to 2013 in Silesia, Poland: An observational study. Pediatric Diabetes, 2019, 20, 286-292.	2.9	21
39	Tocilizumab Improves the Prognosis of COVID-19 in Patients with High IL-6. Journal of Clinical Medicine, 2021, 10, 1583.	2.4	21
40	Mass spectrometry-based analysis of therapy-related changes in serum proteome patterns of patients with early-stage breast cancer. Journal of Translational Medicine, 2010, 8, 66.	4.4	20
41	HLA Status in Patients with Chronic Spontaneous Urticaria. International Archives of Allergy and Immunology, 2010, 153, 419-423.	2.1	20
42	Molecular Heterogeneity of Papillary Thyroid Cancer: Comparison of Primary Tumors and Synchronous Metastases in Regional Lymph Nodes by Mass Spectrometry Imaging. Endocrine Pathology, 2019, 30, 250-261.	9.0	20
43	BatchI: Batch effect Identification in high-throughput screening data using a dynamic programming algorithm. Bioinformatics, 2019, 35, 1885-1892.	4.1	20
44	Transcriptomic â€œportraitsâ€•of canine mammary cancer cell lines with various phenotypes. Journal of Applied Genetics, 2010, 51, 169-183.	1.9	19
45	Novel <i>TGâ€FGFR1</i> and <i>TRIM33â€NTRK1</i> transcript fusions in papillary thyroid carcinoma. Genes Chromosomes and Cancer, 2019, 58, 558-566.	2.8	19
46	Pro-death signaling of cytoprotective heat shock factor 1: upregulation of NOXA leading to apoptosis in heat-sensitive cells. Cell Death and Differentiation, 2020, 27, 2280-2292.	11.2	19
47	Low-dose radiation accelerates aging of the T-cell receptor repertoire in CBA/Ca mice. Cellular and Molecular Life Sciences, 2017, 74, 4339-4351.	5.4	18
48	Prevalence of diabetes in Poland: a combined analysis of national databases. Diabetic Medicine, 2019, 36, 1209-1216.	2.3	18
49	Systemic Effects of Radiotherapy and Concurrent Chemo-Radiotherapy in Head and Neck Cancer Patientsâ€"Comparison of Serum Metabolome Profiles. Metabolites, 2020, 10, 60.	2.9	18
50	Molecular Profiling for Predictors of Radiosensitivity in Patients with Breast or Head-and-Neck Cancer. Cancers, 2020, 12, 753.	3.7	18
51	Identification of serum proteome signatures of locally advanced and metastatic gastric cancer: a pilot study. Journal of Translational Medicine, 2015, 13, 304.	4.4	17
52	Effectiveness of Tocilizumab with and without Dexamethasone in Patients with Severe COVID-19: A Retrospective Study. Journal of Inflammation Research, 2021, Volume 14, 3359-3366.	3.5	17
53	Calculation of reliable transcript levels of annotated genes on the basis of multiple probe-sets in Affymetrix microarrays.. Acta Biochimica Polonica, 2009, 56, .	0.5	17
54	Reasons for the discontinuation of therapy of personal insulin pump in children with type 1 diabetes. Pediatric Endocrinology, Diabetes and Metabolism, 2015, 21, 65-69.	0.7	17

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55	Does social–economical transformation influence the incidence of type 1 diabetes mellitus? A Polish example. Pediatric Diabetes, 2008, 9, 202-207.	2.9	16
56	Radiation-related Changes in Serum Proteome Profiles Detected by Mass Spectrometry in Blood of Patients Treated with Radiotherapy Due to Larynx Cancer. Journal of Radiation Research, 2011, 52, 575-581.	1.6	16
57	Incidence of type 1 diabetes among Polish children ages 0–14 years from 1989–2012. Acta Diabetologica, 2015, 52, 483-488.	2.5	16
58	Epidemiology of type 1 diabetes among Silesian children aged 0–14 years, 1989–2005. Acta Diabetologica, 2010, 47, 29-33.	2.5	15
59	Independent Mechanisms Lead to Genomic Instability in Hodgkin Lymphoma: Microsatellite or Chromosomal Instability. Cancers, 2018, 10, 233.	3.7	15
60	Intra-Tumor Heterogeneity Revealed by Mass Spectrometry Imaging Is Associated with the Prognosis of Breast Cancer. Cancers, 2021, 13, 4349.	3.7	15
61	Support Vector Machines in Biomedical and Biometrical Applications. Smart Innovation, Systems and Technologies, 2013, , 379-417.	0.6	15
62	Influence of genetic background and oxidative stress response on risk of mandibular osteoradionecrosis after radiotherapy of head and neck cancer. Head and Neck, 2016, 38, 387-393.	2.0	14
63	MiMSeg - an algorithm for automated detection of tumor tissue on NMR apparent diffusion coefficient maps.. Information Sciences, 2017, 384, 235-248.	6.9	14
64	Classification of Thyroid Tumors Based on Mass Spectrometry Imaging of Tissue Microarrays; a Single-Pixel Approach. International Journal of Molecular Sciences, 2020, 21, 6289.	4.1	14
65	The Lipid Composition of Serum-Derived Small Extracellular Vesicles in Participants of a Lung Cancer Screening Study. Cancers, 2021, 13, 3414.	3.7	14
66	High levels of bulky DNA adducts in human sperm correlate with impaired fertility.. Acta Biochimica Polonica, 2003, 50, 197-203.	0.5	14
67	Is the Association Between TNF-α-308 A Allele and DMT1 Independent of HLA-DRB1, DQB1 Alleles?. Mediators of Inflammation, 2006, 2006, 1-7.	3.0	13
68	Bone status in adolescents with type 1 diabetes. Diabetologia, 2010, 53, 1754-1760.	6.3	12
69	Comparison of peptide cancer signatures identified by mass spectrometry in serum of patients with head and neck, lung and colorectal cancers: Association with tumor progression. International Journal of Oncology, 2012, 40, 148-56.	3.3	12
70	Systemic modulation of stress and immune parameters in patients treated for prostate adenocarcinoma by intensity-modulated radiation therapy or stereotactic ablative body radiotherapy. Strahlentherapie Und Onkologie, 2020, 196, 1018-1033.	2.0	12
71	Remdesivir-based therapy improved recovery of patients with COVID-19 in the SARSTer multicentre, real-world study. Polish Archives of Internal Medicine, 2020, 131, 103-110.	0.4	12
72	Calculation of reliable transcript levels of annotated genes on the basis of multiple probe-sets in Affymetrix microarrays. Acta Biochimica Polonica, 2009, 56, 271-7.	0.5	12

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73	Radiotherapy-related changes in serum proteome patterns of head and neck cancer patients; the effect of low and medium doses of radiation delivered to large volumes of normal tissue. Journal of Translational Medicine, 2013, 11, 299.	4.4	11
74	Region-Specific Methylation Profiling in Acute Myeloid Leukemia. Interdisciplinary Sciences, Computational Life Sciences, 2018, 10, 33-42.	3.6	11
75	Integrative multiomics study for validation of mechanisms in radiation-induced ischemic heart disease in Mayak workers. PLoS ONE, 2018, 13, e0209626.	2.5	11
76	Helicobacter pylori Infection in Type 1 Diabetes Children and Adolescents Using 13C Urea Breath Test. Polish Journal of Microbiology, 2014, 63, 63-67.	1.7	11
77	Application of Bayesian networks for inferring cause–effect relations from gene expression profiles of cancer versus normal cells. Mathematical Biosciences, 2007, 209, 528-546.	1.9	10
78	Sources of High Variance between Probe Signals in Affymetrix Short Oligonucleotide Microarrays. Sensors, 2014, 14, 532-548.	3.8	10
79	Radiation-induced Changes in Levels of Selected Proteins in Peripheral Blood Serum of Breast Cancer Patients as a Potential Triage Biodosimeter for Large-scale Radiological Emergencies. Health Physics, 2014, 107, 555-563.	0.5	10
80	Kras mutations and PU.1 promoter methylation are new pathways in murine radiation-induced AML. Carcinogenesis, 2020, 41, 1104-1112.	2.8	10
81	Relationships between acute reactions to radiotherapy in head and neck cancer patients and parameters of radiation-induced DNA damage and repair in their lymphocytes. International Journal of Radiation Biology, 2008, 84, 635-642.	1.8	9
82	Association between plasma proteome profiles analysed by mass spectrometry, a lymphocyte-based DNA-break repair assay and radiotherapy-induced acute mucosal reaction in head and neck cancer patients. International Journal of Radiation Biology, 2011, 87, 711-719.	1.8	9
83	Quantitative Ultrasound Bone Measurements in Pre-Pubertal Children with Type 1 Diabetes. Ultrasound in Medicine and Biology, 2012, 38, 1109-1115.	1.5	9
84	Heart irradiation reduces microvascular density and accumulation of HSPA1 in mice. Strahlentherapie Und Onkologie, 2018, 194, 235-242.	2.0	9
85	Combining CDKN1A gene expression and genome-wide SNPs in a twin cohort to gain insight into the heritability of individual radiosensitivity. Functional and Integrative Genomics, 2019, 19, 575-585.	3.5	9
86	GaMRed – adaptive filtering of high-throughput biological data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 17, 1-1.	3.0	9
87	An analysis of the prevalence of thyroid autoantibodies: thyroid peroxidase antibodies (ATA) and thyroglobulin antibodies (ATG) in children with newly diagnosed diabetes mellitus typeÂ1 during 2000–2004 in the Upper Silesia region, Poland. Acta Diabetologica, 2008, 45, 37-40.	2.5	8
88	Gaussian mixture decomposition in the analysis of MALDI–TOF spectra. Expert Systems, 2012, 29, 216-231.	4.5	8
89	Non-dipping and arterial hypertension depend on clinical factors rather than on genetic variability of ACE and RGS2 genes in patients with type 1 diabetes. Acta Diabetologica, 2014, 51, 633-640.	2.5	8
90	Strategies for optimizing the phase correction algorithms in Nuclear Magnetic Resonance spectroscopy. BioMedical Engineering OnLine, 2015, 14, S5.	2.7	8

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91	Early Detection of Malignant Transformation in Resected WHO II Low-Grade Glioma Using Diffusion Tensor-Derived Quantitative Measures. PLoS ONE, 2016, 11, e0164679.	2.5	8
92	Comprehensive Analysis of MILE Gene Expression Data Set Advances Discovery of Leukaemia Type and Subtype Biomarkers. Interdisciplinary Sciences, Computational Life Sciences, 2017, 9, 24-35.	3.6	8
93	Initializing the EM Algorithm for Univariate Gaussian, Multi-Component, Heteroscedastic Mixture Models by Dynamic Programming Partitions. International Journal of Computational Methods, 2018, 15, 1850012.	1.3	8
94	The Rate of Improvement in Metabolic Control in Children with Diabetes Mellitus Type 1 on Insulin Glargine Depends on Age. Experimental and Clinical Endocrinology and Diabetes, 2007, 115, 662-668.	1.2	7
95	The role of selected metalloproteinases in cheiroarthropathy in children with type 1 diabetes - a pilotage study. International Journal of Clinical Practice, 2012, 66, 374-377.	1.7	7
96	Markers of Anemia in Children with Type 1 Diabetes. Journal of Diabetes Research, 2018, 2018, 1-7.	2.3	7
97	Serum Metabolite Profiles in Participants of Lung Cancer Screening Study; Comparison of Two Independent Cohorts. Cancers, 2021, 13, 2714.	3.7	7
98	Analysing Intercellular Communication in Astrocytic Networks Using â€œAstralâ€. Frontiers in Cellular Neuroscience, 2021, 15, 689268.	3.7	7
99	ATP4A autoimmunity andHelicobacter pyloriinfection in children with type 1 diabetes. Clinical and Experimental Immunology, 2014, 177, 598-602.	2.6	6
100	Lung cancer survival and comorbidities in lung cancer screening participants of the GdaÅ„sk screening cohort. European Journal of Public Health, 2019, 29, 1114-1117.	0.3	6
101	Transcriptomic and proteomic analysis of mouse radiation-induced acute myeloid leukaemia (AML). Oncotarget, 2016, 7, 40461-40480.	1.8	6
102	Wiek zachorowania i pÅ‚eÄ‡ jako czynniki modyfikujÄ…ce zwiÄ…zek polimorfizmÃ³w zlokalizowanych na chromosomie 9q22 i 14q13 z rakiem brodawkowatym tarczycy. Endokrynologia Polska, 2017, 68, 283-289.	1.0	6
103	ATP4A autoimmunity in pediatric patients with type 1 diabetes and its relationship to blood count, iron metabolism, and vitamin B12. Pediatric Diabetes, 2018, 19, 80-84.	2.9	5
104	Tocilizumab Improves the Prognosis of COVID-19 in Patients with High IL-6. SSRN Electronic Journal, 0, , .	0.4	5
105	Performance of various risk prediction models in a large lung cancer screening cohort in GdaÅ„sk, Polandâ€"a comparative study. Translational Lung Cancer Research, 2021, 10, 1083-1090.	2.8	5
106	Symptom-based early-stage differentiation between SARS-CoV-2 versus other respiratory tract infectionsâ€"Upper Silesia pilot study. Scientific Reports, 2021, 11, 13580.	3.3	5
107	Maternal age at delivery and order of birth are risk factors for type 1 diabetes mellitus in Upper Silesia, Poland. Medical Science Monitor, 2006, 12, CR173-6.	1.1	5
108	A Simple Model of Linkage Disequilibrium and Genetic Drift in Human Genomic SNPs: Importance of Demography and SNP Age. Human Heredity, 2005, 60, 181-195.	0.8	4

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109	Prospective assessment of continuous subcutaneous insulin infusion therapy in young children with type 1 diabetes. Diabetes Research and Clinical Practice, 2009, 85, 153-158.	2.8	4
110	Seeking genetic signature of radiosensitivity - a novel method for data analysis in case of small sample sizes. Theoretical Biology and Medical Modelling, 2014, 11, S2.	2.1	4
111	Increased plasma concentration of 4-pyridone-3-carboxamide-1-ÃŸ-D-ribonucleoside (4PYR) in lung cancer. Preliminary studies. Nucleosides, Nucleotides and Nucleic Acids, 2019, 38, 781-787.	1.1	4
112	Gaussian Mixture Decomposition of Time-Course DNA Microarray Data. , 2007, , 351-359.		4
113	Identification of serum proteome components associated with progression of non-small cell lung cancer.. Acta Biochimica Polonica, 2014, 61, .	0.5	4
114	Bone status in adolescents and young adults with type 1 diabetes: a 10-year longitudinal study. Endokrynologia Polska, 2020, 71, 532-538.	1.0	4
115	Screening Support System Based on Patient Survey Dataâ€"Case Study on Classification of Initial, Locally Collected COVID-19 Data. Applied Sciences (Switzerland), 2021, 11, 10790.	2.5	4
116	Importance of SNP Dependency Correction and Association Integration for Gene Set Analysis in Genome-Wide Association Studies. Frontiers in Genetics, 2021, 12, 767358.	2.3	4
117	Quantifying Spatial Heterogeneity of Tumor-Infiltrating Lymphocytes to Predict Survival of Individual Cancer Patients. Journal of Personalized Medicine, 2022, 12, 1113.	2.5	4
118	Modeling of Imaging Mass Spectrometry Data and Testing by Permutation for Biomarkers Discovery in Tissues. Procedia Computer Science, 2015, 51, 693-702.	2.0	3
119	Are we confident that finalâ€year medical students know at least basics about diabetes?: A preliminary report from the multicenter, surveyâ€based <scp>Diabetes Knowâ€Me</scp> study. Pediatric Diabetes, 2021, 22, 850-853.	2.9	3
120	Analysis of the Applicability of microRNAs in Peripheral Blood Leukocytes as Biomarkers of Sensitivity and Exposure to Fractionated Radiotherapy towards Breast Cancer. International Journal of Molecular Sciences, 2021, 22, 8705.	4.1	3
121	Reproducibility of Finding Enriched Gene Sets in Biological Data Analysis. Advances in Intelligent Systems and Computing, 2017, , 146-154.	0.6	3
122	Affymetrix Chip Definition Files Construction Based on Custom Probe Set Annotation Database. Studies in Computational Intelligence, 2011, , 135-144.	0.9	3
123	Optimizing of MALDI-ToF-based low-molecular-weight serum proteome pattern analysis in detection of breast cancer patients; the effect of albumin removal on classification performance.. Neoplasma, 2010, 57, 537-544.	1.6	2
124	Patients with type 1 diabetes transition from pediatric to adult care in Polandâ€"an example from Silesia. International Journal of Diabetes in Developing Countries, 2014, 34, 224-228.	0.8	2
125	Therapy-Related Changes in the Serum Proteome Patterns of Early Stage Breast Cancer Patients with Different Outcomes. Protein and Peptide Letters, 2016, 24, 37-45.	0.9	2
126	Identification of two novel mutations in human acute myeloid leukemia cases. Leukemia and Lymphoma, 2021, 62, 454-461.	1.3	2

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127	Robustness of Pathway Enrichment Analysis to Transcriptome-Wide Gene Expression Platform. Advances in Intelligent Systems and Computing, 2021, , 176-185.	0.6	2
128	STATISTICAL EVALUATION OF FAMILIAL RISK FACTORS IN TYPE 1 DIABETES. Journal of Biological Systems, 2004, 12, 457-470.	1.4	1
129	Estimating Regions of Absolute Stability with the Use of Piecewise Linear Lyapunov Functions. European Journal of Control, 2004, 10, 547-556.	2.6	1
130	Partial-Body Irradiation in Patients with Prostate Cancer Treated with IMRT Has Little Effect on the Composition of Serum Proteome. Proteomes, 2015, 3, 117-131.	3.5	1
131	Comparative Analysis of microRNA-Target Gene Interaction Prediction Algorithms - The Attempt to Compare the Results of Three Algorithms. Lecture Notes in Computer Science, 2016, , 103-112.	1.3	1
132	Radiation Therapyâ€"Related Changes in Serum Proteome and Lipidome Are Primarily Associated With a Type of Acute Toxicity: Comparison of Radiation-Induced Effects in Patients Treated Because of Head and Neck Cancer or Prostate Cancer. International Journal of Radiation Oncology Biology Physics, 2016, 96, E572-E573.	0.8	1
133	Improving peak detection by Gaussian mixture modeling of mass spectral signal. , 2017, , .		1
134	Breast Cancer Heterogeneity Investigation: Multiple k-Means Clustering Approach. , 2019, , .		1
135	Statistical Integration of p-values for Enhancing Discovery of Radiotoxicity Gene Signatures. Lecture Notes in Computer Science, 2015, , 503-513.	1.3	1
136	Sensitivity, Specificity and Prioritization of Gene Set Analysis When Applying Different Ranking Metrics. Advances in Intelligent Systems and Computing, 2016, , 61-69.	0.6	1
137	Efficient Algorithm for Microarray Probes Re-annotation. Lecture Notes in Computer Science, 2011, , 281-289.	1.3	1
138	IFNG, FCER1A, PCDHB10 expression as a new potential marker of efficacy in grass pollen allergen-specific immunotherapy. Postepy Dermatologii I Alergologii, 2021, 38, 665-672.	0.9	1
139	Are Radiosensitive and Regular Response Cells Homogeneous in Their Correlations Between Copy Number State and Surviving Fraction After Irradiation?. Lecture Notes in Computer Science, 2018, , 197-208.	1.3	1
140	Comparison of Batch Effect Removal Methods for High Dimensional Mass Cytometry Data. Lecture Notes in Computer Science, 2022, , 399-410.	1.3	1
141	Evaluation of Familial Risk Factors in Type 1 Diabetes. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 155-160.	0.4	0
142	Potential clinical application of serum proteome mass spectrometry analyses in breast cancer patients diagnosis and management. European Journal of Cancer, Supplement, 2008, 6, 82.	2.2	0
143	Mixture model of NMR - its application to diagnosis and treatment of brain cancer. Archives of Control Sciences, 2010, 20, .	1.7	0
144	Potential of Serum Proteome Patterns Analysis by MALDI-TOF Mass Spectrometry for Prediction of Acute Radiation Injury Response in Head and Neck Cancers Patients. International Journal of Radiation Oncology Biology Physics, 2010, 78, S660-S661.	0.8	0

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145	Radiation-related Changes in Serum Proteome Profiles Detected by Mass Spectrometry in Blood of Patients Treated with Radiotherapy Due to Larynx Cancer. International Journal of Radiation Oncology Biology Physics, 2011, 81, S161-S162.	0.8	0
146	314 Osteopontin as a Potential Serum Marker in Early Breast Cancer-Preliminary Results. European Journal of Cancer, 2012, 48, S134.	2.8	0
147	Radiation Therapy-Related Changes in Serum Proteome Patterns Are Affected by Medium Doses of Radiation Delivered to Large Volumes of Normal Tissue. International Journal of Radiation Oncology Biology Physics, 2013, 87, S638.	0.8	0
148	Radiation Therapy-Induced Changes in Serum Lipidome of Head and Neck Cancer Patients. International Journal of Radiation Oncology Biology Physics, 2014, 90, S781-S782.	0.8	0
149	EP-1817: Radiotherapy-related changes in serum proteome patterns of head and neck cancer patients. Radiotherapy and Oncology, 2014, 111, S295.	0.6	0
150	OC-0265: Whole body response to radiation in head and neck and prostate cancer patient; the serum proteome comparative analysis. Radiotherapy and Oncology, 2015, 115, S135-S136.	0.6	0
151	Multigene P-value Integration Based on SNPs Investigation for Seeking Radiosensitivity Signatures. Lecture Notes in Computer Science, 2016, , 125-134.	1.3	0
152	Deep Data Analysis of a Large Microarray Collection for Leukemia Biomarker Identification. Advances in Intelligent Systems and Computing, 2016, , 71-79.	0.6	0
153	Prognostic value of NK and T-lymphocyte markers in operable non-small cell lung cancer (NSCLC). Annals of Oncology, 2017, 28, v599.	1.2	0
154	Mathematical Modelling and Effect Size Analysis in Support of Searching for the Proteomic Signature of Radiotherapy Toxicity. , 2019, , .		0
155	Germline DNA Retention in Murine and Human Rearranged T Cell Receptor Gene Coding Joints: Alternative Recombination Signal Sequences and V(D)J Recombinase Errors. Frontiers in Immunology, 2019, 10, 2637.	4.8	0
156	May Gender Have an Impact on Methylation Profile and Survival Prognosis in Acute Myeloid Leukemia?. Lecture Notes in Networks and Systems, 2022, , 126-135.	0.7	0
157	Distant Analysis of the GENEPI-ENTB Databank â€" System Overview. Communications in Computer and Information Science, 2010, , 245-252.	0.5	0
158	An Efficient Algorithm for Microarray Probes Re-annotation. Lecture Notes in Computer Science, 2014, , 201-218.	1.3	0
159	Single nucleotide polymorphisms associated with papillary thyroid cancer. Endocrine Abstracts, 0, , .	0.0	0
160	Least Squares Estimators of Peptide Species Concentrations Based on Gaussian Mixture Decompositions of Protein Mass Spectra. Springer Proceedings in Mathematics and Statistics, 2015, , 425-432.	0.2	0
161	Mixture Model Based Efficient Method for Magnetic Resonance Spectra Quantification. Lecture Notes in Computer Science, 2015, , 406-417.	1.3	0
162	Is the Identification of SNP-miRNA Interactions Supporting the Prediction of Human Lymphocyte Transcriptional Radiation Responses?. , 2015, , .		0

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163	Ãœberwachtes Lernen zur PrÃ¤diktion von Tumorwachstum. Informatik Aktuell, 2015, , 473-478.	0.6	0
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