

Lucjan S Wyrwicz

List of Publications by Year in descending order

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97
papers

10,123
citations

94433

37
h-index

45317

90
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98
all docs

98
docs citations

98
times ranked

12190
citing authors

#	ARTICLE	IF	CITATIONS
1	The Phaeodactylum genome reveals the evolutionary history of diatom genomes. <i>Nature</i> , 2008, 456, 239-244.	27.8	1,458
2	First-line nivolumab plus chemotherapy versus chemotherapy alone for advanced gastric, gastro-oesophageal junction, and oesophageal adenocarcinoma (CheckMate 649): a randomised, open-label, phase 3 trial. <i>Lancet</i> , The, 2021, 398, 27-40.	13.7	1,237
3	Rectal cancer: ESMO Clinical Practice Guidelines for diagnosis, treatment and follow-up. <i>Annals of Oncology</i> , 2017, 28, iv22-iv40.	1.2	1,126
4	Efficacy and Safety of Pembrolizumab or Pembrolizumab Plus Chemotherapy vs Chemotherapy Alone for Patients With First-line, Advanced Gastric Cancer. <i>JAMA Oncology</i> , 2020, 6, 1571.	7.1	611
5	ELM server: a new resource for investigating short functional sites in modular eukaryotic proteins. <i>Nucleic Acids Research</i> , 2003, 31, 3625-3630.	14.5	555
6	Nivolumab Combination Therapy in Advanced Esophageal Squamous-Cell Carcinoma. <i>New England Journal of Medicine</i> , 2022, 386, 449-462.	27.0	419
7	Phase III, randomised trial of avelumab versus physician's choice of chemotherapy as third-line treatment of patients with advanced gastric or gastro-oesophageal junction cancer: primary analysis of JAVELIN Gastric 300. <i>Annals of Oncology</i> , 2018, 29, 2052-2060.	1.2	387
8	The KEYNOTE-811 trial of dual PD-1 and HER2 blockade in HER2-positive gastric cancer. <i>Nature</i> , 2021, 600, 727-730.	27.8	335
9	Long-course oxaliplatin-based preoperative chemoradiation versus 5 Å– 5 Gy and consolidation chemotherapy for cT4 or fixed cT3 rectal cancer: results of a randomized phase III study. <i>Annals of Oncology</i> , 2016, 27, 834-842.	1.2	317
10	Plant nitric oxide synthase: a never-ending story?. <i>Trends in Plant Science</i> , 2006, 11, 524-525.	8.8	297
11	Long-course preoperative chemoradiation versus 5 Å– 5 Gy and consolidation chemotherapy for clinical T4 and fixed clinical T3 rectal cancer: long-term results of the randomized Polish II study. <i>Annals of Oncology</i> , 2019, 30, 1298-1303.	1.2	163
12	Nivolumab plus chemotherapy or ipilimumab in gastro-oesophageal cancer. <i>Nature</i> , 2022, 603, 942-948.	27.8	156
13	Comprehensive classification of nucleotidyltransferase fold proteins: identification of novel families and their representatives in human. <i>Nucleic Acids Research</i> , 2009, 37, 7701-7714.	14.5	147
14	MABp1 as a novel antibody treatment for advanced colorectal cancer: a randomised, double-blind, placebo-controlled, phase 3 study. <i>Lancet Oncology</i> , The, 2017, 18, 192-201.	10.7	138
15	Alphaherpesvirinae and Gammaherpesvirinae glycoprotein L and CMV UL130 originate from chemokines. <i>Virology Journal</i> , 2013, 10, 1.	3.4	135
16	mRNA Cap-1 Methyltransferase in the SARS Genome. <i>Cell</i> , 2003, 113, 701-702.	28.9	119
17	ORFeus: detection of distant homology using sequence profiles and predicted secondary structure. <i>Nucleic Acids Research</i> , 2003, 31, 3804-3807.	14.5	118
18	Molecular phylogenetics of the RrmJ/fibrillarlin superfamily of ribose 2â€²-O-methyltransferases. <i>Gene</i> , 2003, 302, 129-138.	2.2	99

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19	Efficacy of Sym004 in Patients With Metastatic Colorectal Cancer With Acquired Resistance to Anti-EGFR Therapy and Molecularly Selected by Circulating Tumor DNA Analyses. <i>JAMA Oncology</i> , 2018, 4, e175245.	7.1	98
20	Detailed Mechanism of Squalene Epoxidase Inhibition by Terbinafine. <i>Journal of Chemical Information and Modeling</i> , 2011, 51, 455-462.	5.4	88
21	Landscape of the hnRNP K proteinâ€™protein interactome. <i>Proteomics</i> , 2006, 6, 2395-2406.	2.2	69
22	Epstein-Barr Virus Late Gene Transcription Depends on the Assembly of a Virus-Specific Preinitiation Complex. <i>Journal of Virology</i> , 2014, 88, 12825-12838.	3.4	69
23	Avelumab (antiâ€™PD-L1) as first-line switch-maintenance or second-line therapy in patients with advanced gastric or gastroesophageal junction cancer: phase 1b results from the JAVELIN Solid Tumor trial. , 2019, 7, 30.		68
24	Avelumab in patients with previously treated metastatic melanoma: phase 1b results from the JAVELIN Solid Tumor trial. , 2019, 7, 12.		67
25	Nivolumab (NIVO) plus ipilimumab (IPI) or NIVO plus chemotherapy (chemo) versus chemo as first-line (1L) treatment for advanced esophageal squamous cell carcinoma (ESCC): First results of the CheckMate 648 study.. <i>Journal of Clinical Oncology</i> , 2021, 39, LBA4001-LBA4001.	1.6	65
26	AutoMotif server: prediction of single residue post-translational modifications in proteins. <i>Bioinformatics</i> , 2005, 21, 2525-2527.	4.1	61
27	FAM46 proteins are novel eukaryotic non-canonical poly(A) polymerases. <i>Nucleic Acids Research</i> , 2016, 44, 3534-3548.	14.5	60
28	Screening and surveillance in hereditary gastrointestinal cancers: Recommendations from the European Society of Digestive Oncology (ESDO)â€™expert discussion at the 20th European Society for Medical Oncology (ESMO)/World Congress on Gastrointestinal Cancer, Barcelona, June 2018. <i>European Journal of Cancer</i> , 2018, 104, 91-103.	2.8	60
29	Cooperative binding of the hnRNP K three KH domains to mRNA targets. <i>FEBS Letters</i> , 2004, 577, 134-140.	2.8	56
30	Application of 3D-Jury, GRDB, and Verify3D in fold recognition. <i>Proteins: Structure, Function and Bioinformatics</i> , 2003, 53, 418-423.	2.6	53
31	Identification of Herpes TATT-binding protein. <i>Antiviral Research</i> , 2007, 75, 167-172.	4.1	53
32	Heterogeneous Nuclear Ribonucleoprotein K Protein Associates with Multiple Mitochondrial Transcripts within the Organelle. <i>Journal of Biological Chemistry</i> , 2002, 277, 6303-6310.	3.4	50
33	Palliative radiotherapy and chemotherapy instead of surgery in symptomatic rectal cancer with synchronous unresectable metastases: a phase II study. <i>Annals of Oncology</i> , 2013, 24, 2829-2834.	1.2	50
34	Ligand.Info Small-Molecule Meta-Database. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2004, 7, 757-761.	1.1	50
35	Characterization of hnRNP K Proteinâ€™RNA Interactions. <i>Journal of Molecular Biology</i> , 2004, 342, 1131-1141.	4.2	46
36	Neoadjuvant treatment for unresectable rectal cancer: An interim analysis of a multicentre randomized study. <i>Radiotherapy and Oncology</i> , 2013, 107, 171-177.	0.6	46

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37	Molecular defense mechanisms of Barrett's metaplasia estimated by an integrative genomics. <i>Journal of Molecular Medicine</i> , 2007, 85, 733-743.	3.9	44
38	Mapping the Substrate Binding Site of Phenylacetone Monooxygenase from <i>Thermobifida fusca</i> by Mutational Analysis. <i>Applied and Environmental Microbiology</i> , 2011, 77, 5730-5738.	3.1	42
39	The fold recognition of CP2 transcription factors gives new insights into the function and evolution of tumor suppressor protein p53. <i>Cell Cycle</i> , 2008, 7, 2907-2915.	2.6	39
40	Pharmacodynamic Biomarkers Predictive of Survival Benefit with Lenvatinib in Unresectable Hepatocellular Carcinoma: From the Phase III REFLECT Study. <i>Clinical Cancer Research</i> , 2021, 27, 4848-4858.	7.0	39
41	Association of Tumor Mutational Burden with Efficacy of Pembrolizumab ± Chemotherapy as First-Line Therapy for Gastric Cancer in the Phase III KEYNOTE-062 Study. <i>Clinical Cancer Research</i> , 2022, 28, 3489-3498.	7.0	35
42	Integrating genomics, proteomics and bioinformatics in translational studies of molecular medicine. <i>Expert Review of Molecular Diagnostics</i> , 2009, 9, 623-630.	3.1	34
43	Identification of a Common Risk Haplotype for Diabetic Nephropathy at the Protein Kinase C- β 1 (PRKCB1) Gene Locus. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 2015-2024.	6.1	33
44	Prognostic value of microRNA expression in operable non-small cell lung cancer patients. <i>British Journal of Cancer</i> , 2014, 110, 991-1000.	6.4	33
45	Interleukin-1 receptor antagonist levels predict favorable outcome after beremekimab, a first-in-class true human interleukin-1 β antibody, in a phase III randomized study of advanced colorectal cancer. <i>Oncolmmunology</i> , 2019, 8, 1551651.	4.6	33
46	Target Specific Compound Identification Using a Support Vector Machine. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2007, 10, 189-196.	1.1	32
47	AutoMotif Server for prediction of phosphorylation sites in proteins using support vector machine: 2007 update. <i>Journal of Molecular Modeling</i> , 2008, 14, 69-76.	1.8	32
48	High-density Peptide Arrays Help to Identify Linear Immunogenic B-cell Epitopes in Individuals Naturally Exposed to Malaria Infection. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 642-656.	3.8	29
49	Heterogeneous Nuclear Ribonucleoprotein K Enhances Insulin-induced Expression of Mitochondrial UCP2 Protein. <i>Journal of Biological Chemistry</i> , 2004, 279, 54599-54609.	3.4	28
50	Structure prediction, evolution and ligand interaction of CHASE domain. <i>FEBS Letters</i> , 2004, 576, 287-290.	2.8	28
51	KMAD: knowledge-based multiple sequence alignment for intrinsically disordered proteins. <i>Bioinformatics</i> , 2016, 32, 932-936.	4.1	27
52	The DIRC1 gene at chromosome 2q33 spans a familial RCC-associated t(2;3)(q33;q21) chromosome translocation. <i>Journal of Human Genetics</i> , 2001, 46, 583-589.	2.3	26
53	Safety, efficacy and patient-reported outcomes with trifluridine/tipiracil in pretreated metastatic colorectal cancer: results of the PRECONNECT study. <i>ESMO Open</i> , 2020, 5, e000698.	4.5	26
54	The distribution of human endogenous retrovirus K-113 in health and autoimmune diseases in Poland. <i>Rheumatology</i> , 2011, 50, 1310-1314.	1.9	24

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55	Growth Rate of Paragangliomas Related to Germline Mutations of the SDHx Genes. <i>Endocrine Practice</i> , 2017, 23, 342-352.	2.1	23
56	The feasibility of short-course radiotherapy in a watch-and-wait policy for rectal cancer. <i>Acta Oncologica</i> , 2017, 56, 1152-1154.	1.8	22
57	Clinical relevance of molecular diagnostics in gastrointestinal (GI) cancer: European Society of Digestive Oncology (ESDO) expert discussion and recommendations from the 17th European Society for Medical Oncology (ESMO)/World Congress on Gastrointestinal Cancer, Barcelona. <i>European Journal of Cancer</i> , 2017, 86, 305-317.	2.8	22
58	Functional features of gene expression profiles differentiating gastrointestinal stromal tumours according to KIT mutations and expression. <i>BMC Cancer</i> , 2009, 9, 413.	2.6	21
59	Structural bioinformatics of the general transcription factor TFIID. <i>Biochimie</i> , 2013, 95, 680-691.	2.6	21
60	A common cis-element in promoters of protein synthesis and cell cycle genes.. <i>Acta Biochimica Polonica</i> , 2007, 54, 89-98.	0.5	20
61	Watch and wait policy after preoperative radiotherapy for rectal cancer; management of residual lesions that appear clinically benign. <i>European Journal of Surgical Oncology</i> , 2016, 42, 288-296.	1.0	18
62	Herpes glycoprotein gL is distantly related to chemokine receptor ligands. <i>Antiviral Research</i> , 2007, 75, 83-86.	4.1	12
63	Mediastinal paragangliomas related to SDHx gene mutations. <i>Kardiochirurgia I Torakochirurgia Polska</i> , 2016, 3, 276-282.	0.1	12
64	Does the addition of oxaliplatin to preoperative chemoradiation benefit cT4 or fixed cT3 rectal cancer treatment? A subgroup analysis from a prospective study. <i>European Journal of Surgical Oncology</i> , 2016, 42, 1859-1865.	1.0	12
65	Fold recognition insights into function of herpes ICP4 protein.. <i>Acta Biochimica Polonica</i> , 2007, 54, 551-559.	0.5	12
66	Cytomegalovirus immediate early gene UL37 encodes a novel MHC-like protein.. <i>Acta Biochimica Polonica</i> , 2008, 55, 67-74.	0.5	12
67	Three clinical variants of gastroesophageal reflux disease form two distinct gene expression signatures. <i>Journal of Molecular Medicine</i> , 2006, 84, 872-882.	3.9	11
68	Molecular determinants archetypical to the phylum Nematoda. <i>BMC Genomics</i> , 2009, 10, 114.	2.8	11
69	A common cis-element in promoters of protein synthesis and cell cycle genes. <i>Acta Biochimica Polonica</i> , 2007, 54, 89-98.	0.5	10
70	LigProf: A simple tool for in silico prediction of ligand-binding sites. <i>Journal of Molecular Modeling</i> , 2007, 13, 445-455.	1.8	9
71	Palliative radiotherapy and chemotherapy instead of surgery in symptomatic rectal cancer with synchronous unresectable metastases: long-term results of a phase II study. <i>Acta Oncologica</i> , 2016, 55, 1369-1370.	1.8	9
72	Fold recognition insights into function of herpes ICP4 protein. <i>Acta Biochimica Polonica</i> , 2007, 54, 551-9.	0.5	8

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73	The mitotic entry regulator NIPA is a prototypic BIR domain protein. <i>Cell Cycle</i> , 2008, 7, 2073-2075.	2.6	7
74	Uncharacterized DUF1574 leptospira proteins are SGNH hydrolases. <i>Cell Cycle</i> , 2008, 7, 542-544.	2.6	7
75	Support-vector-machine classification of linear functional motifs in proteins. <i>Journal of Molecular Modeling</i> , 2006, 12, 453-461.	1.8	6
76	Safety and efficacy of lenvatinib by starting dose based on body weight in patients with unresectable hepatocellular carcinoma in REFLECT. <i>Journal of Gastroenterology</i> , 2021, 56, 570-580.	5.1	6
77	ProteinSplit: splitting of multi-domain proteins using prediction of ordered and disordered regions in protein sequences for virtual structural genomics. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 285222.	1.8	5
78	HSV-1 UL45 encodes a carbohydrate binding C-type lectin protein. <i>Cell Cycle</i> , 2008, 7, 269-271.	2.6	5
79	Detecting reliable non interacting proteins (NIPs) significantly enhancing the computational prediction of protein-protein interactions using machine learning methods. <i>Molecular BioSystems</i> , 2016, 12, 778-785.	2.9	5
80	Association between Preoperative Pelvic Irradiation and Toxicity of Subsequent Chemotherapy in Rectal Cancer. <i>Oncology Research and Treatment</i> , 2019, 42, 497-504.	1.2	5
81	Barrett's esophagus associates with a variant of IL23R gene. <i>Acta Biochimica Polonica</i> , 2008, 55, 365-369.	0.5	5
82	How Unique Is the Rice Transcriptome?. <i>Science</i> , 2004, 303, 168b-168.	12.6	4
83	Distant homologs of anti-apoptotic factor HAX1 encode parvalbumin-like calcium binding proteins. <i>BMC Research Notes</i> , 2010, 3, 197.	1.4	4
84	Hematological Toxicity of Hypofractionated Radiotherapy: A Review of the Available Evidence. <i>Oncology Research and Treatment</i> , 2018, 41, 713-718.	1.2	4
85	Polish clinical practice guideline on hyperthermic intraperitoneal chemotherapy (HIPEC) with cytoreductive surgery in peritoneal malignancy treatment. <i>Current Gynecologic Oncology</i> , 2014, 12, 86-97.	0.1	4
86	ARLTS1 Trp149Stop Mutation and the Risk of Ovarian Cancer: Figure 1.. <i>Cancer Research</i> , 2007, 67, 4533-4533.	0.9	3
87	Highlights from ASCO-GI 2021 from EORTC Gastrointestinal tract cancer group. <i>British Journal of Cancer</i> , 2021, 125, 911-919.	6.4	3
88	Neoadjuvant chemotherapy with or without oxaliplatin after short-course radiotherapy in high-risk rectal cancer: A subgroup analysis from a prospective study. <i>Reports of Practical Oncology and Radiotherapy</i> , 2020, 25, 1017-1022.	0.6	2
89	A European survey on the insights of patients living with metastatic colorectal cancer: the patient journey before, during and after diagnosis - an Eastern European perspective. <i>ESMO Open</i> , 2020, 5, e000850.	4.5	2
90	ShapeGTB: the role of local DNA shape in prioritization of functional variants in human promoters with machine learning. <i>PeerJ</i> , 2018, 6, e5742.	2.0	2

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91	Homologues of HSV-1 nuclear egress factor UL34 are potential phosphoinositide-binding proteins.. Acta Biochimica Polonica, 2008, 55, 207-213.	0.5	2
92	Impact of pelvic bone marrow irradiation on the hematological toxicity of subsequent chemotherapy in rectal cancer. Neoplasma, 2019, 66, 276-280.	1.6	1
93	Health-related quality of life (HRQOL) in patients (pts) with advanced gastric cancer/gastroesophageal junction cancer (GC/GEJC) or esophageal adenocarcinoma (EAC): Results of nivolumab plus chemotherapy (NIVO+chemo) versus chemo from CheckMate 649.. Journal of Clinical Oncology, 2021, 39, 167-167.	1.6	1
94	Zasady stosowania dootrzewnowej chemioterapii w hipertermii (HIPEC) w leczeniu nowotworów w żołądka i dwunastnicy w połączeniu z zabiegami cytoredukcyjnymi: zalecenia krajowe. Nowotwory, 2015, 64, 518-524.	0.3	0
95	Guidelines of the Association of Polish Surgeons and the Polish Society of Surgical Oncology on the accreditation of healthcare centers providing cytoreductive surgery and HIPEC for primary and secondary peritoneal cancers. Polski Przegląd Chirurgiczny, 2020, 92, 47-53.	0.4	0
96	Guidelines of the Association of Polish Surgeons and the Polish Society of Surgical Oncology on the accreditation of healthcare centers providing cytoreductive surgery and HIPEC for primary and secondary peritoneal cancers. Polski Przegląd Chirurgiczny, 2020, 92, 47-53.	0.4	0
97	Highlights from the 2022 ASCO Gastrointestinal Cancer Symposium: an overview by the EORTC Gastrointestinal Tract Cancer Group. Clinical Colorectal Cancer, 2022, , .	2.3	0