Bartosz Wasag

List of Publications by Year in descending order

86 papers	3,178 citations	186265 28 h-index	155660 55 g-index
91 all docs	91 docs citations	91 times ranked	4248 citing authors

#	Article	IF	Citations
1	Mechanisms of resistance to imatinib mesylate in gastrointestinal stromal tumors and activity of the PKC412 inhibitor against imatinib-resistant mutants. Gastroenterology, 2005, 128, 270-279.	1.3	473
2	Use of c-KIT/PDGFRA mutational analysis to predict the clinical response to imatinib in patients with advanced gastrointestinal stromal tumours entered on phase I and II studies of the EORTC Soft Tissue and Bone Sarcoma Group. European Journal of Cancer, 2004, 40, 689-695.	2.8	435
3	Gastrointestinal stromal tumours(GISTs) negative for KIT(CD117 antigen) immunoreactivity. Journal of Pathology, 2004, 202, 430-438.	4.5	188
4	Activity of Dasatinib, a Dual SRC/ABL Kinase Inhibitor, and IPI-504, a Heat Shock Protein 90 Inhibitor, against Gastrointestinal Stromal Tumorâ€"Associated PDGFRAD842V Mutation. Clinical Cancer Research, 2008, 14, 5749-5758.	7.0	116
5	Array CGH analysis in primary gastrointestinal stromal tumors: Cytogenetic profile correlates with anatomic site and tumor aggressiveness, irrespective of mutational status. Genes Chromosomes and Cancer, 2007, 46, 261-276.	2.8	106
6	Afatinib in NSCLC With HER2 Mutations: Results of the Prospective, Open-Label Phase II NICHE Trial of European Thoracic Oncology Platform (ETOP). Journal of Thoracic Oncology, 2019, 14, 1086-1094.	1.1	99
7	Presence of homozygous KIT exon 11 mutations is strongly associated with malignant clinical behavior in gastrointestinal stromal tumors. Laboratory Investigation, 2007, 87, 1029-1041.	3.7	92
8	Mutations in gastrointestinal stromal tumors ? a population-based study from Northern Norway. Apmis, 2007, 115, 289-298.	2.0	92
9	Differential expression of KIT/PDGFRA mutant isoforms in epithelioid and mixed variants of gastrointestinal stromal tumors depends predominantly on the tumor site. Modern Pathology, 2004, 17, 889-894.	5.5	88
10	The APPLE Trial: Feasibility and Activity of AZD9291 (Osimertinib) Treatment on Positive PLasma T790M in EGFR -mutant NSCLC Patients. EORTC 1613. Clinical Lung Cancer, 2017, 18, 583-588.	2.6	84
11	The Neurofibromatosis Type 2 Gene Is Mutated in Perineurial Cell Tumors. American Journal of Pathology, 2001, 158, 1223-1229.	3.8	70
12	Fumarase-deficient Uterine Leiomyomas. American Journal of Surgical Pathology, 2016, 40, 1661-1669.	3.7	67
13	Evaluation of NF2 and NF1 Tumor Suppressor Genes in Distinctive Gastrointestinal Nerve Sheath Tumors Traditionally Diagnosed as Benign Schwannomas: A Study of 20 Cases. Laboratory Investigation, 2003, 83, 1361-1371.	3.7	65
14	The kinase inhibitor TKI258 is active against the novel CUX1-FGFR1 fusion detected in a patient with T-lymphoblastic leukemia/lymphoma and t(7;8)(q22;p11). Haematologica, 2011, 96, 922-926.	3.5	59
15	Molecular characterization of Polish patients with familial hypercholesterolemia: novel and recurrentLDLR mutations. Journal of Applied Genetics, 2010, 51, 95-106.	1.9	58
16	Colonic Adenocarcinomas Harboring NTRK Fusion Genes. American Journal of Surgical Pathology, 2020, 44, 162-173.	3.7	56
17	Association of the ScaI atrial natriuretic peptide gene polymorphism with nonfatal myocardial infarction and extent of coronary artery disease. American Heart Journal, 2003, 145, 125-131.	2.7	55
18	Detection of the BRAF V600E Mutation in Colon Carcinoma. American Journal of Surgical Pathology, 2014, 38, 1235-1241.	3.7	55

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19	A case of mast cell leukaemia with exon 9 KIT mutation and good response to imatinib. European Journal of Haematology, 2011, 86, 531-535.	2.2	46
20	Novel, activating KIT-N822I mutation in familial cutaneous mastocytosis. Experimental Hematology, 2011, 39, 859-865.e2.	0.4	42
21	Frequency and clinicopathologic profile of PIK3CA mutant GISTs: molecular genetic study of 529 cases. Modern Pathology, 2016, 29, 275-282.	5.5	42
22	Multiple pilomatricomas with somatic CTNNB1 mutations in children with constitutive mismatch repair deficiency. Genes Chromosomes and Cancer, 2013, 52, 656-664.	2.8	40
23	Molecular characterization of two novel intronic variants of NIPBL gene detected in unrelated Cornelia de Lange syndrome patients. BMC Medical Genetics, 2019, 20, 1.	2.1	37
24	Detection of somatic BRCA 1/2 mutations in ovarian cancer â€“ nextâ€generation sequencing analysis of 100 cases. Cancer Medicine, 2016, 5, 1640-1646.	2.8	36
25	Butyrylcholinesterase Protein Ends in the Pathogenesis of Alzheimerâ€™s Diseaseâ€”Could BCHE Genotyping Be Helpful in Alzheimerâ€™s Therapy?. Biomolecules, 2019, 9, 592.	4.0	35
26	Loss of heterozygosity on chromosome 22q in gastrointestinal stromal tumors (GISTs): a study on 50 cases. Laboratory Investigation, 2005, 85, 237-247.	3.7	34
27	The efficacy of EGFR gene mutation testing in various samples from non-small cell lung cancer patients: a multicenter retrospective study. Journal of Cancer Research and Clinical Oncology, 2015, 141, 61-68.	2.5	32
28	Detection of BRCA1/2 mutations in circulating tumor DNA from patients with ovarian cancer. Oncotarget, 2017, 8, 101325-101332.	1.8	32
29	New Insights into Butyrylcholinesterase Activity Assay: Serum Dilution Factor as a Crucial Parameter. PLoS ONE, 2015, 10, e0139480.	2.5	31
30	Spectrum and Prevalence of Pathogenic Variants in Ovarian Cancer Susceptibility Genes in a Group of 333 Patients. Cancers, 2018, 10, 442.	3.7	30
31	The Role of Butyrylcholinesterase and Iron in the Regulation of Cholinergic Network and Cognitive Dysfunction in Alzheimerâ€™s Disease Pathogenesis. International Journal of Molecular Sciences, 2021, 22, 2033.	4.1	22
32	A single-arm phase II trial of afatinib in pretreated patients with advanced NSCLC harboring a HER2 mutation: The ETOP NICHE trial.. Journal of Clinical Oncology, 2017, 35, 9070-9070.	1.6	21
33	Diagnosis of Mastocytosis in Children and Adults in Daily Clinical Practice. Acta Dermato-Venereologica, 2016, 96, 292-297.	1.3	20
34	Mutational analysis of BRCA1/2 in a group of 134 consecutive ovarian cancer patients. Novel and recurrent BRCA1/2 alterations detected by next generation sequencing. Journal of Applied Genetics, 2015, 56, 193-198.	1.9	19
35	Efficacy of clinical diagnostic criteria for familial hypercholesterolemia genetic testing in Poland. Atherosclerosis, 2016, 249, 52-58.	0.8	19
36	Colorectal Adenocarcinomas Harboring ALK Fusion Genes. American Journal of Surgical Pathology, 2020, 44, 1224-1234.	3.7	19

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37	The oncogene AAMDC links PI3K-AKT-mTOR signaling with metabolic reprograming in estrogen receptor-positive breast cancer. Nature Communications, 2021, 12, 1920.	12.8	19
38	Cancer predisposing BARD1 mutations affect exon skipping and are associated with overexpression of specific BARD1 isoforms. Oncology Reports, 2015, 34, 2609-2617.	2.6	18
39	SP174 Antibody Lacks Specificity for NRAS Q61R and Cross-Reacts With HRAS and KRAS Q61R Mutant Proteins in Malignant Melanoma. Applied Immunohistochemistry and Molecular Morphology, 2018, 26, 40-45.	1.2	18
40	The algorithm for Alzheimer risk assessment based on APOE promoter polymorphisms. Alzheimer's Research and Therapy, 2016, 8, 19.	6.2	17
41	A unique occurrence of a cerebral atypical teratoid/rhabdoid tumor in an infant and a spinal canal primitive neuroectodermal tumor in her father. Journal of Neuro-Oncology, 2003, 61, 219-225.	2.9	16
42	Association between the PlA platelet glycoprotein GPIIIa polymorphism and extent of coronary artery disease. International Journal of Cardiology, 2003, 88, 229-237.	1.7	15
43	Synergy between the alteration in the N-terminal region of butyrylcholinesterase K variant and apolipoprotein E4 in late-onset Alzheimerâ€™s disease. Scientific Reports, 2019, 9, 5223.	3.3	14
44	New Approach to Paediatric Mastocytosis: Implications of KIT D816V Mutation Detection in Peripheral Blood. Acta Dermato-Venereologica, 2020, 100, adv00149.	1.3	14
45	Does the Aberrant Expression of CD2 and CD25 by Skin Mast Cells Truly Correlate with Systemic Involvement in Patients Presenting with Mastocytosis in the Skin?. International Archives of Allergy and Immunology, 2014, 165, 104-110.	2.1	13
46	Assessment of Subclinical Atherosclerosis Using Computed Tomography Calcium Scores in Patients with Familial and Nonfamilial Hypercholesterolemia. Journal of Atherosclerosis and Thrombosis, 2016, 23, 588-595.	2.0	13
47	Cell-free DNA BRAF V600E measurements during BRAF inhibitor therapy of metastatic melanoma: long-term analysis. Tumori, 2020, 106, 241-248.	1.1	13
48	Activity and polymorphisms of butyrylcholinesterase in a Polish population. Chemico-Biological Interactions, 2016, 259, 70-77.	4.0	12
49	Concurrent DNA Copy-Number Alterations and Mutations in Genes Related to Maintenance of Genome Stability in Uninvolved Mammary Glandular Tissue from Breast Cancer Patients. Human Mutation, 2015, 36, 1088-1099.	2.5	11
50	The genome of Dasychira pudibunda nucleopolyhedrovirus (DapuNPV) reveals novel genetic connection between baculoviruses infecting moths of the Lymantriidae family. BMC Genomics, 2015, 16, 759.	2.8	11
51	An alphabaculovirus isolated from dead Lymantria dispar larvae shows high genetic similarity to baculovirus previously isolated from Lymantria monacha â€“ An example of adaptation to a new host. Journal of Invertebrate Pathology, 2016, 139, 56-66.	3.2	11
52	Severe acute toxicity following gemcitabine administration: A report of four cases with cytidine deaminase polymorphisms evaluation. Oncology Letters, 2017, 15, 1912-1916.	1.8	11
53	Genetic Mosaicism in a Group of Patients With Cornelia de Lange Syndrome. Frontiers in Pediatrics, 2019, 7, 203.	1.9	11
54	Long-term lipoprotein apheresis in the treatment of severe familial hypercholesterolemia refractory to high intensity statin therapy: Three year experience at a lipoprotein apheresis centre. Cardiology Journal, 2020, 26, 669-679.	1.2	11

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55	Improved Detection of KIT Exon 11 Duplications in Formalin-Fixed, Paraffin-Embedded Gastrointestinal Stromal Tumors. Journal of Molecular Diagnostics, 2007, 9, 89-94.	2.8	10
56	Risk factors for anaphylaxis in patients with mastocytosis. Polish Archives of Internal Medicine, 2015, 125, 46-53.	0.4	10
57	The Role of TRAF4 and B3GAT1 Gene Expression in the Food Hypersensitivity and Insect Venom Allergy in Mastocytosis. Archivum Immunologiae Et Therapiae Experimentalis, 2016, 64, 497-503.	2.3	9
58	Carotid intimaâ€“media thickness (IMT) in patients with severe familial and non-familial hypercholesterolemia: The effect of measurement site on the IMT correlation with traditional cardiovascular risk factors and calcium scores. Cardiology Journal, 2021, 28, 271-278.	1.2	9
59	Frequency of BCRâ€'ABL gene mutations in Polish patients with chronic myeloid leukemia treated with imatinib. A final report of the MAPTEST study. Polish Archives of Internal Medicine, 2009, 119, 789-794.	0.4	9
60	Higher Responsiveness to Rosuvastatin in Polygenic versus Monogenic Hypercholesterolemia: A Propensity Score Analysis. Life, 2020, 10, 73.	2.4	9
61	Left Ventricular Size, Mass and Function in Relation to Angiotensin-Converting Enzyme Gene and Angiotensin-II Type 1 Receptor Gene Polymorphisms in Patients with Coronary Artery Disease. Clinical Chemistry and Laboratory Medicine, 2003, 41, 522-8.	2.3	8
62	Mosaic Intronic NIPBL Variant in a Family With Cornelia de Lange Syndrome. Frontiers in Genetics, 2018, 9, 255.	2.3	8
63	Butyrylcholinesteraseâ€“Protein Interactions in Human Serum. International Journal of Molecular Sciences, 2021, 22, 10662.	4.1	8
64	Noninvasive assessment of endothelial function and vascular parameters in patients with familial and nonfamilial hypercholesterolemia. Polish Archives of Internal Medicine, 2014, 124, 516-524.	0.4	7
65	Haplotypes of butyrylcholinesterase K-variant and their influence on the enzyme activity. Chemico-Biological Interactions, 2019, 307, 154-157.	4.0	5
66	Intrasalivary Thymic Carcinoma: A Case Report and Literature Review. Head and Neck Pathology, 2022, 16, 857-864.	2.6	5
67	Molecular characterization of two novel KIT mutations in patients with piebaldism. Journal of Dermatological Science, 2012, 66, 78-79.	1.9	4
68	Aortic valve calcium score in hypercholesterolemic patients with and without low-density lipoprotein receptor gene mutation. PLoS ONE, 2018, 13, e0209229.	2.5	4
69	Zalecenia metodyczne dotyczÄ…ce oceny mutacji genu EGFR oraz rearanÅ¼acji genu ALK w kwalifikacji chorych na niedrobnokomÃ³rkowego raka pÅ‚uca do terapii ukierunkowanych molekularnie. Pneumonologia I Alergologia Polska, 2014, 82, 437-444.	0.6	2
70	Variant Identification in BARD1, PRDM9, RCC1, and RECQL in Patients with Ovarian Cancer by Targeted Next-generation Sequencing of DNA Pools. Cancer Prevention Research, 2022, 15, 151-160.	1.5	2
71	An A1166C polymorphism of the angiotensin II AT1 receptor gene does not influence the diagnosis of arterial hypertension during 7 years follow up. American Journal of Hypertension, 2005, 18, A100-A100.	2.0	1
72	Molecular basis of familial hypercholesterolemia in Poland â€“ update from the Polish national centre of diagnostics and treatment of familial hypercholesterolemia. Atherosclerosis, 2016, 252, e38.	0.8	1

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73	Monitoring the Effects of Hypolipidemic Treatment in Children with Familial Hypercholesterolemia in Poland. Life, 2020, 10, 270.	2.4	1
74	The Kinase Inhibitor TKI258 Is Active Against the Novel CUX1-FGFR1 Fusion Detected In a Patient with T-Lymphoblastic Leukemia/Lymphoma and t(7;8)(q22;p11). Blood, 2010, 116, 2715-2715.	1.4	1
75	Impact of Activation of EGFL7 within Microenvironment of High Grade Ovarian Serous Carcinoma on Infiltration of CD4+ and CD8+ Lymphocytes. Medicina (Lithuania), 2022, 58, 588.	2.0	1
76	Title is missing!. Journal of Neuro-Oncology, 2003, 64, 284-284.	2.9	0
77	The role of KIT gene mutations in pathogenesis of pediatric mastocytosis. Przeglad Dermatologiczny, 2015, 1, 37-44.	0.1	0
78	Screening for heterozygous familial hypercholesterolemia in Poland â€“ The diagnostic cut-off points for clinical criteria and LDL-cholesterol, validated by age. Atherosclerosis, 2015, 241, e110.	0.8	0
79	Transient improvement of skin symptoms in an adult patient with pediatricâ€onset cutaneous mastocytosis treated with interferonâ€Î±. International Journal of Dermatology, 2018, 57, 1237-1241.	1.0	0
80	Activity of Dasatinib Against Novel KIT-N822I Mutation In Familial Cutaneous Mastocytosis. Blood, 2010, 116, 4088-4088.	1.4	0
81	Zalecenia metodyczne dotyczÄ…ce oceny mutacji genu EGFR oraz rearanÅ¼acji genu ALK w kwalifikacji chorych na niedrobnokomÃ³rkowego raka pÅ‚uca do terapii ukierunkowanych molekularnie. Nowotwory, 2014, 64, 336-342.	0.3	0
82	EGFR mutation diagnostic program for NSCLC patients in Poland between 2011-2014. , 2015, , .		0
83	Genetics and genetic testing in pulmonary arterial hypertension (RCD code: II-1A.2). Journal of Rare Cardiovascular Diseases, 2018, 3, .	0.0	0
84	Significance of the PIK3CA mutations in the differential diagnosis of ovarian epithelial carcinoma.. European Journal of Translational and Clinical Medicine, 2018, 1, 23-30.	0.1	0
85	When do paediatric patients with familial hypercholesterolemia need statin therapy?. Medycyna Wieku Rozwojowego, 2017, 21, 43-50.	0.2	0
86	Secondary chronic myeloid leukemia in a patient with CALR and ASXL1-mutated primary myelofibrosis. International Journal of Hematology, 2022, , 1.	1.6	0