Tomasz StokÅ‚osa

List of Publications by Year
in descending order

105	2,865	218677	175258
papers	citations	26 h-index	52 g-index

110	110	110	4305
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	BCR/ABL kinase induces self-mutagenesis via reactive oxygen species to encode imatinib resistance. Blood, 2006, 108, 319-327.	1.4	271
2	BCR/ABL oncogenic kinase promotes unfaithful repair of the reactive oxygen speciesâ€“dependent DNA double-strand breaks. Blood, 2004, 104, 3746-3753.	1.4	252
3	Direct tumor damage mechanisms of photodynamic therapy.. Acta Biochimica Polonica, 2005, 52, 339-352.	0.5	222
4	Heme oxygenase-1 protects tumor cells against photodynamic therapy-mediated cytotoxicity. Oncogene, 2006, 25, 3365-3374.	5.9	163
5	Rac2-MRC-cIIIâ€“generated ROS cause genomic instability in chronic myeloid leukemia stem cells and primitive progenitors. Blood, 2012, 119, 4253-4263.	1.4	147
6	Statins Impair Antitumor Effects of Rituximab by Inducing Conformational Changes of CD20. PLoS Medicine, 2008, 5, e64.	8.4	115
7	Genomic instability may originate from imatinib-refractory chronic myeloid leukemia stem cells. Blood, 2013, 121, 4175-4183.	1.4	105
8	Proteasome Inhibition Potentiates Antitumor Effects of Photodynamic Therapy in Mice through Induction of Endoplasmic Reticulum Stress and Unfolded Protein Response. Cancer Research, 2009, 69, 4235-4243.	0.9	96
9	BCR/ABL Inhibits Mismatch Repair to Protect from Apoptosis and Induce Point Mutations. Cancer Research, 2008, 68, 2576-2580.	0.9	92
10	The influence of photodynamic therapy on the immune response. Photodiagnosis and Photodynamic Therapy, 2005, 2, 283-298.	2.6	83
11	Synthesis and Optical Properties of Tetraarylâ€1,4â€dihydropyrrolo[3,2â€‹i>b</i>]pyrroles. Asian Journal of Organic Chemistry, 2013, 2, 411-415.	2.7	80
12	Bright, Color-Tunable Fluorescent Dyes Based on Ï€-Expanded Diketopyrrolopyrroles. Organic Letters, 2012, 14, 2670-2673.	4.6	79
13	Gene expression and mutation-guided synthetic lethality eradicates proliferating and quiescent leukemia cells. Journal of Clinical Investigation, 2017, 127, 2392-2406.	8.2	64
14	Antitumor effects of the combination immunotherapy with interleukin-12 and tumor necrosis factor Î± in mice. Cancer Immunology, Immunotherapy, 1997, 45, 100-108.	4.2	63
15	Titin Truncating Variants in Dilated Cardiomyopathy â€“ Prevalence and Genotype-Phenotype Correlations. PLoS ONE, 2017, 12, e0169007.	2.5	63
16	Direct tumor damage mechanisms of photodynamic therapy. Acta Biochimica Polonica, 2005, 52, 339-52.	0.5	63
17	Zinc protoporphyrin IX, a heme oxygenase-1 inhibitor, demonstrates potent antitumor effects but is unable to potentiate antitumor effects of chemotherapeutics in mice. BMC Cancer, 2008, 8, 197.	2.6	59
18	The PERK-eIF2Î± phosphorylation arm is a pro-survival pathway of BCR-ABL signaling and confers resistance to imatinib treatment in chronic myeloid leukemia cells. Cell Cycle, 2012, 11, 4069-4078.	2.6	58

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19	Tyrosine kinase inhibitorâ€“induced defects in DNA repair sensitize FLT3(ITD)-positive leukemia cells to PARP1 inhibitors. Blood, 2018, 132, 67-77.	1.4	54
20	ATR-Chk1 Axis Protects BCR/ABL Leukemia Cells from the Lethal Effect of DNA Double-Strand Breaks. Cell Cycle, 2006, 5, 994-1000.	2.6	53
21	Separation of cathepsin A-like enzyme and the proteasome: evidence that lactacystin/Î²-lactone is not a specific inhibitor of the proteasome. International Journal of Biochemistry and Cell Biology, 2000, 32, 747-757.	2.8	45
22	Lovastatin and simvastatin are modulators of the proteasome. International Journal of Biochemistry and Cell Biology, 2000, 32, 957-965.	2.8	40
23	Effective chemo-immunotherapy of L1210 leukemiain vivo using interleukin-12 combined with doxorubicin but not with cyclophosphamide, paclitaxel or cisplatin. International Journal of Cancer, 1998, 77, 720-727.	5.1	39
24	BCR-ABL1 kinase inhibits uracil DNA glycosylase UNG2 to enhance oxidative DNA damage and stimulate genomic instability. Leukemia, 2013, 27, 629-634.	7.2	36
25	Normal ABL1 is a tumor suppressor and therapeutic target in human and mouse leukemias expressing oncogenic ABL1 kinases. Blood, 2016, 127, 2131-2143.	1.4	32
26	BCR/ABL Recruits p53 Tumor Suppressor Protein to Induce Drug Resistance. Cell Cycle, 2004, 3, 1463-1472.	2.6	28
27	Enhanced phosphorylation of Nbs1, a member of DNA repair/checkpoint complex Mre11-RAD50-Nbs1, can be targeted to increase the efficacy of imatinib mesylate against BCR/ABL-positive leukemia cells. Blood, 2007, 110, 651-660.	1.4	28
28	A study in Polish patients with cardiomyopathy emphasizes pathogenicity of phospholamban (PLN) mutations at amino acid position 9 and low penetrance of heterozygous null PLN mutations. BMC Medical Genetics, 2015, 16, 21.	2.1	28
29	Potentiation of the anti-tumor effect of actinomycin D by tumor necrosis factor Î± in mice: Correlation betweenin vitro andin vivo results. , 1996, 66, 374-379.		27
30	BRAF â€" A new player in hematological neoplasms. Blood Cells, Molecules, and Diseases, 2014, 53, 77-83.	1.4	26
31	PPARÎ³ ligands increase antileukemic activity of second- and third-generation tyrosine kinase inhibitors in chronic myeloid leukemia cells. Blood Cancer Journal, 2016, 6, e377-e377.	6.2	26
32	Mitochondrial Respiratory Chain Complex III Causes Genomic Instability In CML-CP.. Blood, 2010, 116, 1211-1211.	1.4	24
33	Lactacystin Inhibits Cathepsin A Activity in Melanoma Cell Lines. Tumor Biology, 2001, 22, 211-215.	1.8	22
34	Statins inhibit ABCB1 and ABCG2 drug transporter activity in chronic myeloid leukemia cells and potentiate antileukemic effects of imatinib. Experimental Hematology, 2014, 42, 439-447.	0.4	21
35	Impaired homologous recombination DNA repair and enhanced sensitivity to DNA damage in prostate cancer cells exposed to anchorage-independence. Oncogene, 2005, 24, 3748-3758.	5.9	18
36	ARMS-PCR for detection of BRAF V600E hotspot mutation in comparison with Real-Time PCR-based techniques.. Acta Biochimica Polonica, 2013, 60, .	0.5	16

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37	Erythropoietin Prevents the Development of Interleukin-12â€“Induced Anemia and Thrombocytopenia But Does Not Decrease Its Antitumor Activity in Mice. Blood, 1998, 91, 4387-4388.	1.4	14
38	Interleukin 12 and indomethacin exert a synergistic, angiogenesis-dependent antitumor activity in mice. Life Sciences, 2000, 66, 1223-1230.	4.3	13
39	DNA methylation signature in blood does not predict calendar age in patients with chronic lymphocytic leukemia but may alert to the presence of disease. Forensic Science International: Genetics, 2018, 34, e15-e17.	3.1	13
40	Imatinib Sensitivity in BCR-ABL1â€“Positive Chronic Myeloid Leukemia Cells Is Regulated by the Remaining Normal ABL1 Allele. Cancer Research, 2011, 71, 5381-5386.	0.9	10
41	Differential Regulation of Telomeric Complex by BCR-ABL1 Kinase in Human Cellular Models of Chronic Myeloid Leukemiaâ€”From Single Cell Analysis to Next-Generation Sequencing. Genes, 2020, 11, 1145.	2.4	10
42	The potentiated antileukemic effects of doxorubicin and interleukin-12 combination are not dependent on nitric oxide production. Cancer Letters, 1999, 147, 67-75.	7.2	9
43	Anti-oxidant vitamin E prevents accumulation of imatinib-resistant BCR-ABL1 kinase mutations in CML-CP xenografts in NSG mice. Leukemia, 2013, 27, 2253-2254.	7.2	9
44	Differential expression of <scp>BIRC</scp> family genes in chronic myeloid leukaemia â€“ <scp>BIRC3</scp> and <scp>BIRC8</scp> as potential new candidates to identify disease progression. British Journal of Haematology, 2014, 164, 740-742.	2.5	9
45	Mutational Analysis of Recurrent Meningioma Progressing From Atypical to Rhabdoid Subtype. World Neurosurgery, 2017, 97, 754.e1-754.e6.	1.3	9
46	A single injection of immature dendritic cells is able to induce antitumour response against a murine colon adenocarcinoma with a low apoptotic index. Oncology Reports, 2002, 9, 991-4.	2.6	9
47	A rare mutation in a rare tumorâ€”<scp>SMARCB</scp>1â€deficient malignant glomus tumor. Genes Chromosomes and Cancer, 2016, 55, 107-109.	2.8	8
48	Epithelial Cells of Deep Infiltrating Endometriosis Harbor Mutations in Cancer Driver Genes. Cells, 2021, 10, 749.	4.1	8
49	Potentiated antitumor effects of the combination treatment with statins and pamidronate in vitro and in vivo. International Journal of Oncology, 2007, 30, 1413-25.	3.3	8
50	Decreased natural killer cell activity in whole-blood donors does not seem to result in increased cancer incidence. Transfusion, 1994, 34, 359-360.	1.6	7
51	Prospects for p53-based cancer therapy. Acta Biochimica Polonica, 2005, 52, 321-8.	0.5	7
52	A Combination of Retinoic Acid and Proteasome Inhibitors for the Treatment of Leukemias Is Potentially Dangerous. Blood, 1999, 94, 1827-1828.	1.4	6
53	Potentiated antitumor effects of the combination treatment with statins and pamidronate in vitro and in vivo. International Journal of Oncology, 2007, , .	3.3	6
54	Diverse mechanisms of mTOR activation in chronic and blastic phase of chronic myelogenous leukemia. Experimental Hematology, 2013, 41, 462-469.	0.4	6

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55	BCR/ABL Kinase Inhibits Mismatch Repair To Reduce Apoptosis and Induce Point Mutations.. Blood, 2007, 110, 32-32.	1.4	6
56	Technology evaluation: SB-485232, GlaxoSmithKline. Current Opinion in Molecular Therapeutics, 2005, 7, 85-93.	2.8	6
57	Increased local vascular endothelial growth factor expression associated with antitumor activity of proteasome inhibitor. Apoptosis: an International Journal on Programmed Cell Death, 2004, 9, 193-204.	4.9	5
58	Monoubiquitinated Fanconi anemia D2 (FANCD2-Ub) is required for BCR-ABL1 kinase-induced leukemogenesis. Leukemia, 2011, 25, 1259-1267.	7.2	5
59	Germline missense NF1 mutation in an elderly patient with a blastic plasmacytoid dendritic cell neoplasm. International Journal of Hematology, 2019, 110, 102-106.	1.6	5
60	In vivo, ex vivo and in vitro dasatinib activity in chronic lymphocytic leukemia. Oncology Letters, 2021, 21, 285.	1.8	4
61	ASXL1 Mutations Detectable at Diagnosis May Predict Response to Imatinib in Patients with Chronic Myeloid Leukemia. Blood, 2019, 134, 4148-4148.	1.4	4
62	Erythropoietin reduces cisplatin-induced neurotoxicity without impairment of cytotoxic effects against tumor cells. International Journal of Oncology, 2007, 31, 1547-52.	3.3	3
63	Genomic landscape of human erythroleukemia K562 cell line, as determined by next-generation sequencing and cytogenetics. Acta Haematologica Polonica, 2017, 48, 343-349.	0.3	3
64	Tracking Clonal Evolution of Multiple Myeloma Using Targeted Next-Generation DNA Sequencing. Biomedicines, 2022, 10, 1674.	3.2	3
65	Ciglitazone, an agonist of peroxisome proliferator-activated receptor Î³, exerts potentiated cytostatic/cytotoxic effects against tumor cells when combined with lovastatin. International Journal of Oncology, 2008, , .	3.3	2
66	Whole-exome sequencing in patients with protein aggregate myopathies reveals causative mutations associated with novel atypical phenotypes. Neurological Sciences, 2021, 42, 2819-2827.	1.9	2
67	Predictive significance of selected gene mutations in relapsed and refractory chronic lymphocytic leukemia patients treated with ibrutinib. European Journal of Haematology, 2021, 106, 320-326.	2.2	2
68	BCR/ABL Oncogenic Kinase Promotes Unfaithful Repair of the Reactive Oxygen Species - Dependent DNA Double-Strand Breaks.. Blood, 2004, 104, 712-712.	1.4	2
69	Effects of First and Next-Generation Tyrosine Kinase Inhibitors on Telomere-Mediated Chromosomal Instability in Chronic Myeloid Leukemia Cells. Blood, 2014, 124, 5510-5510.	1.4	2
70	The Clinical Tumor Lysis Syndrome in a Patient with Mixed Phenotype Acute Leukemia Undergoing Induction with Venetoclax and Azacitidine â€“ a Case Report. Chemotherapy, 2022, , .	1.6	2
71	Co-occurrence of unclassified myeloproliferative neoplasm and giant cell arteritis in a patient treated with allogeneic hematopoietic stem cell transplantation: a case report and literature review. Central-European Journal of Immunology, 2021, 46, 121-126.	1.2	1
72	Enhanced Phosphorylation of Nbs1, a Member of DNA Repair/Checkpoint Complex RAD50-Mre11-Nbs1, Can Be Targeted Simultaneously with BCR/ABL Kinase To Eliminate Leukemia Cells.. Blood, 2006, 108, 2127-2127.	1.4	1

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73	Somatic Mutations in Commonly Mutated Genes in Myeloid Malignancies May Preexist or Arise in the Course of Chronic Myeloid Leukemia - Different Scenarios of Progression Revealed By Targeted Next-Generation Sequencing. Blood, 2015, 126, 2771-2771.	1.4	1
74	Enhanced Phosphorylation of Nbs1, a Member of the DNA Repair/Checkpoint Activation Complex Rad50/Mre11/Nbs1, Prolongs Cell Cycle S Phase and Contributes to Drug Resistance in BCR/ABL-Positive Leukemias.. Blood, 2005, 106, 2867-2867.	1.4	1
75	ATR-Chk1 Axis Is Activated, but the Function of Chk1 Is Disrupted in BCR/ABL Leukemia Cells Responding to DNA Damage.. Blood, 2005, 106, 2883-2883.	1.4	1
76	ROS-Induced DNA Damage Causing Genomic Instability in CML Stem and/or Progenitor Cells and in Quiescent and/or Proliferating Cells: Role of Mitochondrial Respiratory Chain Complex III.. Blood, 2009, 114, 3268-3268.	1.4	1
77	BCR-ABL1 Kinase Inhibits DNA Glycosylases to Enhance Oxidative DNA Damage and Stimulate Genomic Instability. Blood, 2012, 120, 520-520.	1.4	1
78	Terapia przewlekÅ‚ej biaÅ‚aczki szpikowej â€“ teraÅºniejszoÅ›Ä‡ i wyzwania na przyszÅ‚oÅ›Ä‡. Acta Haematologica Polonica, 2012, 43, 249-257.	0.3	0
79	Imatinib in the treatment of chronic myeloid leukemia: current perspectives on optimal dose. Blood and Lymphatic Cancer: Targets and Therapy, 2015, , 101.	2.7	0
80	Next Generation Sequencing in Oncology. , 2016, , 63-74.		0
81	BCR/ABL Kinase Disrupts Formation of Mismatch Repair Complex To Induce Genomic Instability.. Blood, 2005, 106, 2864-2864.	1.4	0
82	BCR/ABL Kinase Elevates ROS-Mediated Oxidative DNA Damage in CML Stem/Progenitor Cells and Affects the Efficiency and Fidelity of DNA Repair To Induce Genetic Instability.. Blood, 2007, 110, 34-34.	1.4	0
83	Statins Impair Antitumor Effects of CD20 mAb by Inducing Conformational Changes of CD20.. Blood, 2007, 110, 2341-2341.	1.4	0
84	Monoubiquitination of the Fanconi Anemia D2 (FANCD2) Protein Regulates the Transforming Potential of BCR/ABL. Blood, 2008, 112, 3189-3189.	1.4	0
85	BCR/ABL Requires Fanconi Anemia D2 (FANCD2) Protein to Transform Hematopoetic Stem Cells.. Blood, 2009, 114, 3249-3249.	1.4	0
86	Potentiation of the Antileukemic Effects of Imatinib through the Modulation of BCRP/ABCG2 Activity.. Blood, 2010, 116, 3400-3400.	1.4	0
87	Sorafenib Affects Membrane Complement Inhibitors and Improves Antitumor Activity of Rituximab,. Blood, 2011, 118, 3723-3723.	1.4	0
88	Targeting Rac2 - Mitochondrial Respiratory Chain Complex III Signaling to Prevent Genomic Instability in Leukemia Stem and Progenitor Cells. Blood, 2011, 118, 2736-2736.	1.4	0
89	Statins Increase Antileukemic Potency of Imatinib Through the Inhibition of MDR/ABCB1 and BCRP/ABCG2 Drug Transporters Activity. Blood, 2011, 118, 2742-2742.	1.4	0
90	Prenyl Transferases Are Involved in the Regulation of CD20 Levels and Influence Anti-CD20 Monoclonal Antibody-Mediated Activation of Complement-Dependent Cytotoxicity,. Blood, 2011, 118, 3722-3722.	1.4	0

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91	Src Family Tyrosine Kinases Are Involved in the Transcriptional Regulation of CD20 Levels. Blood, 2011, 118, 1661-1661.	1.4	0
92	Normal ABL1 Is a Tumor Suppressor and Therapeutic Target In BCR-ABL1â€“positive Leukemias. Blood, 2013, 122, 1466-1466.	1.4	0
93	Differential Expression of BIRC Family Genes In The Course Of Chronic Myeloid Leukemia â€“ BIRC3 and BIRC8 As Potential New Candidates To Identify Disease Progression. Blood, 2013, 122, 2718-2718.	1.4	0
94	HDAC Inhibitors As Potential New Agents Improving the Efficacy of Monoclonal Antibodies. Blood, 2014, 124, 3641-3641.	1.4	0
95	Gene Expression and Mutation Analysis (GEMA) â€“Guided Precision Medicine Targeting PARP1 to Induce Synthetic Lethality in DNA-PK â€“Deficient Quiescent and BRCA-Deficient Proliferating Leukemia Stem and Progenitor Cells. Blood, 2014, 124, 480-480.	1.4	0
96	HIF1-Alpha and MYC Transcription Factor Signatures in B-Cell Acute Lymphoblastic Leukemia Are Associated with Positive Minimal Residual Disease Status: Therapeutic Implications. Blood, 2015, 126, 1436-1436.	1.4	0
97	Role of Shelterin Complex and Alternative Telomere Lengthening in Genomic Instability and Disease Progression in Chronic Myeloid Leukemia. Blood, 2016, 128, 1880-1880.	1.4	0
98	Detailed Clinical, Immunological and Molecular Analysis of NOTCH1, SF3B1 and MYD88 mutations in Chronic Lymphocytic Leukemia Patients Reveals Accumulation of Negative Prognostic Features in NOTCH1 and SF3B1 mutated Individuals. Blood, 2016, 128, 5570-5570.	1.4	0
99	The Role of Shelterin Complex and Post-Translational Non-Enzymatic Modification in Telomere Maintenance in Chronic Myeloid Leukemia. Blood, 2018, 132, 5426-5426.	1.4	0
100	Predictive Significance of Selected Gene Mutations Identified Using Next Generation Sequencing in Relapsed and Refractory Chronic Lymphocytic Leukemia Patients Treated with Ibrutinib. Blood, 2019, 134, 5456-5456.	1.4	0
101	First familial cases of type 2 congenital erythrocytosis (ECYT2) with a Chuvash pathogenic variant in VHL gene in Poland: example of the clinical utility of next-generation sequencing in diagnostics of orphan diseases. Acta Haematologica Polonica, 2020, 51, 220-225.	0.3	0
102	Gene Expression Profiling Predicts Sensitivity of Chronic Lymphocytic Leukemia Cells to Dasatinib. HemaSphere, 2021, 5, e514.	2.7	0
103	Wenetoklaks w monoterapii przewlekÅ‚ej biaÅ‚aczki limfocytowej przed powtÃ³rnym przeszczepieniem allogenicznych krwiotwÃ³rczych komÃ³rek macierzystych. Hematologia, 2020, 11, 95-100.	0.0	0
104	Clonal Hematopoiesis with Somatic Mutations in "AYA" Generation of Patients with Chronic Myeloid Leukemia. Blood, 2020, 136, 23-24.	1.4	0
105	Results of Polish Adult Leukemia Study Group (PALG) project assessing TP53 mutations with next-generation sequencing technology in relapsed and refractory chronic lymphocytic leukemia patients â€” an 18-month update. Acta Haematologica Polonica, 2021, 52, 94-102.	0.3	0