Ewa Bartnik

List of Publications by Year in descending order

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Version: 2024-02-01

81 papers	2,113 citations	236833 25 h-index	265120 42 g-index
92 all docs	92 docs citations	92 times ranked	3083 citing authors

#	Article	IF	Citations
1	Molecular Biology of Osteosarcoma. Cancers, 2020, 12, 2130.	1.7	198
2	Human mitochondrial RNA turnover caught in flagranti: involvement of hSuv3p helicase in RNA surveillance. Nucleic Acids Research, 2010, 38, 279-298.	6.5	111
3	Targeted Therapy in Melanoma and Mechanisms of Resistance. International Journal of Molecular Sciences, 2020, 21, 4576.	1.8	107
4	Investigation of a pathogenic mtDNA microdeletion reveals a translation-dependent deadenylation decay pathway in human mitochondria. Human Molecular Genetics, 2003, 12, 2341-2348.	1.4	93
5	The role of the cellâ€“cell interactions in cancer progression. Journal of Cellular and Molecular Medicine, 2015, 19, 283-296.	1.6	89
6	Localisation of the human hSuv3p helicase in the mitochondrial matrix and its preferential unwinding of dsDNA. Nucleic Acids Research, 2002, 30, 5074-5086.	6.5	81
7	Mitochondrial DNA mutations in human neoplasia. Journal of Applied Genetics, 2006, 47, 67-78.	1.0	75
8	Resistance to tyrosine kinase inhibitors in clear cell renal cell carcinoma: From the patient's bed to molecular mechanisms. Biochimica Et Biophysica Acta: Reviews on Cancer, 2014, 1845, 31-41.	3.3	73
9	The Role of Hypoxia and Cancer Stem Cells in Renal Cell Carcinoma Pathogenesis. Stem Cell Reviews and Reports, 2015, 11, 919-943.	5.6	72
10	Mitochondrial NADH-dehydrogenase subunit 3 (ND3) polymorphism (A10398G) and sporadic breast cancer in Poland. Breast Cancer Research and Treatment, 2010, 121, 511-518.	1.1	70
11	Nuclear genes involved in mitochondrial diseases caused by instability of mitochondrial DNA. Journal of Applied Genetics, 2018, 59, 43-57.	1.0	62
12	Organization of the ribosomal RNA gene cluster in Aspergillus nidulans. Gene, 1982, 17, 147-152.	1.0	57
13	Current approaches in identification and isolation of human renal cell carcinoma cancer stem cells. Stem Cell Research and Therapy, 2015, 6, 178.	2.4	57
14	The S. cerevisiae nuclear gene SUV3 encoding a putative RNA helicase is necessary for the stability of mitochondrial transcripts containing multiple introns. Current Genetics, 1995, 28, 217-224.	0.8	43
15	Genotypeâ€“phenotype correlations in Leber hereditary optic neuropathy. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 1119-1123.	0.5	38
16	Fostering responsible research with genome editing technologies: a European perspective. Transgenic Research, 2017, 26, 709-713.	1.3	36
17	Vitamin D receptor gene polymorphisms in breast and renal cancer: Current state and future approaches. International Journal of Oncology, 2014, 44, 349-363.	1.4	35
18	Choosing The Right Animal Model for Renal Cancer Research. Translational Oncology, 2020, 13, 100745.	1.7	35

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19	Homoplasmic MELAS A3243G mtDNA mutation in a colon cancer sample. Mitochondrion, 2003, 3, 119-124.	1.6	34
20	Down-regulation of human RNA/DNA helicase SUV3 induces apoptosis by a caspase- and AIF-dependent pathway. Biology of the Cell, 2007, 99, 323-332.	0.7	34
21	Interaction of human SUV3 RNA/DNA helicase with BLM helicase; loss of the SUV3 gene results in mouse embryonic lethality. Mechanisms of Ageing and Development, 2007, 128, 609-617.	2.2	29
22	Differential stability of mitochondrial mRNA in HeLa cells. Acta Biochimica Polonica, 2006, 53, 157-68.	0.3	29
23	l-Ergothioneine Protects Skin Cells against UV-Induced Damageâ€"A Preliminary Study. Cosmetics, 2014, 1, 51-60.	1.5	28
24	Mitochondrial genotype and breast cancer predisposition. Oncology Reports, 2010, 24, 1521-34.	1.2	26
25	TP53 in Biology and Treatment of Osteosarcoma. Cancers, 2021, 13, 4284.	1.7	26
26	The suv3 nuclear gene product is required for the in vivo processing of the yeast mitochondrial 21s rRNA transcripts containing the r1 intron. Current Genetics, 1995, 27, 234-238.	0.8	25
27	Drug resistance in papillary RCC: from putative mechanisms to clinical practicalities. Nature Reviews Urology, 2019, 16, 655-673.	1.9	24
28	Common mitochondrial polymorphisms as risk factor for endometrial cancer. International Archive of Medicine, 2009, 2, 33.	1.2	23
29	Mitochondrial DNA Polymerase Î³ Mutations and Their Implications in mtDNA Alterations in Colorectal Cancer. Annals of Human Genetics, 2015, 79, 320-328.	0.3	21
30	Investigation of whole mitochondrial genome variation in normal tension glaucoma. Experimental Eye Research, 2019, 178, 186-197.	1.2	20
31	Neoadjuvant Treatment Options in Soft Tissue Sarcomas. Cancers, 2020, 12, 2061.	1.7	20
32	Merkel Cell Carcinoma from Molecular Pathology to Novel Therapies. International Journal of Molecular Sciences, 2021, 22, 6305.	1.8	20
33	Mitochondrial DNA levels in Huntington disease leukocytes and dermal fibroblasts. Metabolic Brain Disease, 2017, 32, 1237-1247.	1.4	19
34	Breast cancer as a mitochondrial disorder (Review). Oncology Reports, 2009, 21, 845-51.	1.2	17
35	Yeast model analysis of novel polymerase gamma variants found in patients with autosomal recessive mitochondrial disease. Human Genetics, 2015, 134, 951-966.	1.8	17
36	Mitochondrial NADH-dehydrogenase polymorphisms as sporadic breast cancer risk factor. Oncology Reports, 2010, 23, 531-5.	1.2	17

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37	A family with 3460G>A and 11778G>A mutations and haplogroup analysis of Polish Leber hereditary optic neuropathy patients. Mitochondrion, 2008, 8, 383-388.	1.6	16
38	Leber hereditary optic neuropathy â€" Historical report in comparison with the current knowledge. Gene, 2015, 555, 41-49.	1.0	16
39	Investigating Leber's hereditary optic neuropathy: Cell models and future perspectives. Mitochondrion, 2017, 32, 19-26.	1.6	16
40	Mitochondrial DNA in pediatric leukemia patients. Acta Biochimica Polonica, 2017, 64, 183-187.	0.3	15
41	Nuclear and mitochondrial genome responses in HeLa cells treated with inhibitors of mitochondrial DNA expression. Acta Biochimica Polonica, 2006, 53, 485-95.	0.3	15
42	Molecular cloning of the 4.2 Md EcoRI fragment of Aspergillus nidulans mitochondrial DNA. Molecular Genetics and Genomics, 1979, 171, 75-78.	2.4	14
43	Aspergillus nidulans 5S rRNA genes and pseudogenes. Current Genetics, 1986, 10, 453-457.	0.8	14
44	Cloning and analysis of recombinant plasmids containing genes for Aspergillus nidulans 5 S rRNA. Current Genetics, 1981, 4, 173-176.	0.8	13
45	Review Biology of renal tumour cancer stem cells applied in medicine. Wspolczesna Onkologia, 2015, 1A, 44-51.	0.7	12
46	Metastatic renal cell carcinoma cells growing in 3D on polyâ€'Dâ€'lysine or laminin present a stemâ€'like phenotype and drug resistance. Oncology Reports, 2019, 42, 1878-1892.	1.2	12
47	New mtDNA Association Model, MutPred Variant Load, Suggests Individuals With Multiple Mildly Deleterious mtDNA Variants Are More Likely to Suffer From Atherosclerosis. Frontiers in Genetics, 2018, 9, 702.	1.1	12
48	Leber hereditary optic neuropathy--a disease with a known molecular basis but a mysterious mechanism of pathology. Journal of Applied Genetics, 2003, 44, 529-38.	1.0	12
49	The cloning of Aspergillus nidulans mitochondrial DNA in Escherichia coli on plasmid pBR322. Molecular Genetics and Genomics, 1981, 182, 332-335.	2.4	11
50	Mitochondrial DNA from lupine: restriction analysis and cloning of fragments coding for tRNA. Gene, 1983, 22, 69-74.	1.0	10
51	Molecular investigations of mitochondrial deletions: Evaluating the usefulness of different genetic tests. Gene, 2012, 506, 161-165.	1.0	10
52	Metastatic Tumor Burden and Loci as Predictors of First Line Sunitinib Treatment Efficacy in Patients with Renal Cell Carcinoma. Scientific Reports, 2019, 9, 7754.	1.6	10
53	The TBP gene from Aspergillus nidulans -structure and expression in Saccharomyces cerevisiae. Microbiology (United Kingdom), 1997, 143, 1263-1270.	0.7	9
54	G8363A mitochondrial DNA mutation is not a rare cause of Leigh syndrome - clinical, biochemical and pathological study of an affected child. Folia Neuropathologica, 2007, 45, 187-91.	0.5	9

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55	Unusual evolutionary conservation of 5S rRNA pseudogenes inAspergillus nidulans: Similarity of the DNA sequence associated with the pseudogenes with the mouse immunoglobulin switch region. Journal of Molecular Evolution, 1988, 28, 125-130.	0.8	8
56	Thyroid Hormones as Renal Cell Cancer Regulators. Journal of Signal Transduction, 2016, 2016, 1-8.	2.0	8
57	Testosterone increases apoptotic cell death and decreases mitophagy in Leberâ€™s hereditary optic neuropathy cells. Journal of Applied Genetics, 2020, 61, 195-203.	1.0	8
58	Molecular biology of sarcoma. Oncology in Clinical Practice, 2019, 14, 307-330.	0.1	8
59	Clinicoprognostical features of endometrial cancer patients with somatic mtDNA mutations. Oncology Reports, 2006, 16, 1041-5.	1.2	7
60	Microheterogeneity in Aspergillus nidulans 5S rRNA genes. Current Genetics, 1987, 11, 571-573.	0.8	6
61	An easy way of obtainingAspergillus nidulanshaploids in the parasexual cycle usingN-glycosyl polifungin. Genetical Research, 1975, 25, 249-252.	0.3	5
62	m.3635G>A mutation as a cause of Leber hereditary optic neuropathy. Journal of Clinical Pathology, 2014, 67, 639-641.	1.0	5
63	Effects of cell-cell crosstalk on gene expression patterns in a cell model of renal cell carcinoma lung metastasis. International Journal of Oncology, 2017, 52, 768-786.	1.4	5
64	Analysis of BNIP3 and BNIP3L/Nix expression in cybrid cell lines harboring two LHON-associated mutations.. Acta Biochimica Polonica, 2019, 66, 427-435.	0.3	5
65	Sensitive detection of tritium in Southern blot and plaque hybridizations. Analytical Biochemistry, 1981, 116, 237-240.	1.1	4
66	Transcription of the rRNA gene cluster in Aspergillus nidulanss. Current Genetics, 1983, 7, 113-115.	0.8	4
67	The frequency of mitochondrial polymerase gamma related disorders in a large Polish population cohort. Mitochondrion, 2019, 47, 179-187.	1.6	4
68	Mitochondrial genome variation in male LHON patients with the m.11778Gâ€‰›â€‰A mutation. Metabolic Brain Disease, 2020, 35, 1317-1327.	1.4	4
69	Mitochondrial transfer RNA genes from fungi (Aspergillus nidulans) and plants (Lupinus luteus) are transcribed in Xenopus laevis oocyte nuclei. Journal of Molecular Biology, 1983, 168, 439-444.	2.0	3
70	Mitochondrial cytopathies: clinical, morphological and genetic characteristics. Neurologia I Neurochirurgia Polska, 2009, 43, 216-27.	0.6	3
71	Mitochondrial DNA in Tumors. Toxicology Mechanisms and Methods, 2004, 14, 85-90.	1.3	2
72	Identification of the first in Poland CACNA1A gene mutation in familial hemiplegic migraine. Case report. Neurologia I Neurochirurgia Polska, 2017, 51, 184-189.	0.6	2

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73	Mechanisms of melanoma resistance to treatment with BRAF and MEK inhibitors. Nowotwory, 2019, 69, 133-141.	0.1	2
74	Molecular Cloning of the Restriction Fragments Derived from Double EcoRI/PstI Digestion of the Calf Satellite I DNA and Their Restriction Analysis. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1979, 34, 1151-1155.	0.6	1
75	Mitochondrial DNA in Polish Centenarians. Toxicology Mechanisms and Methods, 2004, 14, 91-95.	1.3	1
76	Mitochondrial encephalomyopathy: Towards diagnosis. A case report. Neurologia I Neurochirurgia Polska, 2014, 48, 76-80.	0.6	1
77	Progressive External Ophthalmoplegia in Polish Patientsâ€"From Clinical Evaluation to Genetic Confirmation. Genes, 2021, 12, 54.	1.0	1
78	A computer program for modelling a genetics experiment. ACM SIGCUE Outlook, 1976, 10, 21-24.	0.1	1
79	B26â€...Differential mitochondrial DNA levels in HD patients depending on the cell type. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, A18.1-A18.	0.9	0
80	The Long-Term Outcomes of Intensive Combined Therapy of Adult Patients with Localised Synovial Sarcoma. Journal of Clinical Medicine, 2020, 9, 3129.	1.0	0
81	Heteroplasmy analysis in the Polish patients with 11778A mutation responsible for Leber hereditary optic neuropathy. Acta Biochimica Polonica, 2002, 49, 257-62.	0.3	0