Agnieszka Karkucinska-Wieckowska

List of Publications by Year
in descending order

33 papers	1,135 citations	471061 17 h-index	454577 30 g-index
34 all docs	34 docs citations	34 times ranked	2375 citing authors

#	Article	IF	Citations
1	Mitochondria and Reactive Oxygen Species in Aging and Age-Related Diseases. International Review of Cell and Molecular Biology, 2018, 340, 209-344.	1.6	208
2	New perspective in diagnostics of mitochondrial disorders: two yearsâ€™ experience with whole-exome sequencing at a national paediatric centre. Journal of Translational Medicine, 2016, 14, 174.	1.8	176
3	PGC-1 family coactivators and cell fate: Roles in cancer, neurodegeneration, cardiovascular disease and retrograde mitochondriaâ€“nucleus signalling. Mitochondrion, 2012, 12, 86-99.	1.6	115
4	Role of Mitochondria-Associated ER Membranes in Calcium Regulation in Cancer-Specific Settings. Neoplasia, 2018, 20, 510-523.	2.3	96
5	Oxidative stress-dependent p66Shc phosphorylation in skin fibroblasts of children with mitochondrial disorders. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 952-960.	0.5	65
6	Post mortem identification of deoxyguanosine kinase (DGUOK) gene mutations combined with impaired glucose homeostasis and iron overload features in four infants with severe progressive liver failure. Journal of Applied Genetics, 2011, 52, 61-66.	1.0	40
7	Cardiac mitochondrial dysfunction during hyperglycemiaâ€”The role of oxidative stress and p66Shc signaling. International Journal of Biochemistry and Cell Biology, 2013, 45, 114-122.	1.2	33
8	Molecular identification of CNS NB-FOXR2, CNS EFT-CIC, CNS HGNET-MN1 and CNS HGNET-BCOR pediatric brain tumors using tumor-specific signature genes. Acta Neuropathologica Communications, 2020, 8, 105.	2.4	33
9	A homozygous mutation in the SCO2 gene causes a spinal muscular atrophy like presentation with stridor and respiratory insufficiency. European Journal of Paediatric Neurology, 2010, 14, 253-260.	0.7	28
10	The interplay between p66Shc, reactive oxygen species and cancer cell metabolism. European Journal of Clinical Investigation, 2015, 45, 25-31.	1.7	28
11	A Diet Induced Maladaptive Increase in Hepatic Mitochondrial DNA Precedes OXPHOS Defects and May Contribute to Non-Alcoholic Fatty Liver Disease. Cells, 2019, 8, 1222.	1.8	28
12	Methods to Monitor and Compare Mitochondrial and Glycolytic ATP Production. Methods in Enzymology, 2014, 542, 313-332.	0.4	27
13	Western Diet Causes Obesity-Induced Nonalcoholic Fatty Liver Disease Development by Differentially Compromising the Autophagic Response. Antioxidants, 2020, 9, 995.	2.2	27
14	The Alterations of Mitochondrial Function during NAFLD Progressionâ€”An Independent Effect of Mitochondrial ROS Production. International Journal of Molecular Sciences, 2021, 22, 6848.	1.8	24
15	Left ventricular noncompaction (LVNC) and low mitochondrial membrane potential are specific for Barth syndrome. Journal of Inherited Metabolic Disease, 2013, 36, 929-937.	1.7	23
16	p66Shc Aging Protein in Control of Fibroblasts Cell Fate. International Journal of Molecular Sciences, 2011, 12, 5373-5389.	1.8	19
17	The natural history of SCO2 deficiency in 36 Polish children confirmed the genotypeâ€“phenotype correlation. Mitochondrion, 2013, 13, 810-816.	1.6	19
18	Disrupted ATP synthase activity and mitochondrial hyperpolarisation-dependent oxidative stress is associated with p66Shc phosphorylation in fibroblasts of NARP patients. International Journal of Biochemistry and Cell Biology, 2013, 45, 141-150.	1.2	18

#	Article	IF	Citations
19	Medulloblastoma with transitional features between Group 3 and Group 4 is associated with good prognosis. Journal of Neuro-Oncology, 2018, 138, 231-240.	1.4	16
20	ALK Expression Is a Novel Marker for the WNT-activated Type of Pediatric Medulloblastoma and an Indicator of Good Prognosis for Patients. American Journal of Surgical Pathology, 2017, 41, 781-787.	2.1	14
21	Modulation of mitochondrial dysfunction-related oxidative stress in fibroblasts of patients with Leigh syndrome by inhibition of prooxidative p66Shc pathway. Mitochondrion, 2017, 37, 62-79.	1.6	14
22	Mitochondria-targeted anti-oxidant AntiOxCIN4 improved liver steatosis in Western diet-fed mice by preventing lipid accumulation due to upregulation of fatty acid oxidation, quality control mechanism and antioxidant defense systems. Redox Biology, 2022, 55, 102400.	3.9	12
23	Increased reactive oxygen species (ROS) production and low catalase level in fibroblasts of a girl with MEGDEL association (Leigh syndrome, deafness, 3-methylglutaconic aciduria). , 2011, 49, 56-63.		11
24	Leigh disease due toSCO2mutations revealed at extended autopsy. Journal of Clinical Pathology, 2015, 68, 397-399.	1.0	10
25	Constitutional mosaicism of a de novo TP53 mutation in a patient with bilateral choroid plexus carcinoma. Cancer Genetics, 2017, 216-217, 79-85.	0.2	10
26	Identification of a novel inherited ALK variant M1199L in the WNT type of medulloblastoma. Folia Neuropathologica, 2016, 1, 23-30.	0.5	9
27	â€œDrop attacksâ€•as first clinical symptoms in a child carrying MTTK m.8344A>G mutation. Folia Neuropathologica, 2013, 4, 347-354.	0.5	8
28	of an adolescent girl with limb-girdle muscular dystrophy type 2B â€“ the usefulness of muscle protein immunostaining in the diagnosis of dysferlinopathies. Folia Neuropathologica, 2014, 4, 452-456.	0.5	6
29	Immunohistochemical detection of ALK protein identifies APC mutated medulloblastoma and differentiates the WNT-activated medulloblastoma from other types of posterior fossa childhood tumors. Brain Tumor Pathology, 2019, 36, 1-6.	1.1	6
30	Histoenzymatic Methods for Visualization of the Activity of Individual Mitochondrial Respiratory Chain Complexes in the Muscle Biopsies from Patients with Mitochondrial Defects. Methods in Molecular Biology, 2015, 1241, 85-93.	0.4	6
31	Differential Expression of Mitochondrial Biogenesis Markers in Mouse and Human SHH-Subtype Medulloblastoma. Cells, 2019, 8, 216.	1.8	4
32	Recovering Mitochondrial Function in Patientsâ€™ Fibroblasts. , 2018, , 359-378.		2
33	Ras, TrkB, and ShcA Protein Expression Patterns in Pediatric Brain Tumors. Journal of Clinical Medicine, 2021, 10, 2219.	1.0	0