Nana-Maria GrÃ¼ning

List of Publications by Year
in descending order

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19 papers	2,171 citations	623734 14 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	4015 citing authors

#	Article	IF	Citations
1	The return of metabolism: biochemistry and physiology of the pentose phosphate pathway. Biological Reviews, 2015, 90, 927-963.	10.4	908
2	No evidence for a shift in pyruvate kinase PKM1 to PKM2 expression during tumorigenesis. Oncotarget, 2011, 2, 393-400.	1.8	216
3	A Synthetic Sandalwood Odorant Induces Wound-Healing Processes in Human Keratinocytes via the Olfactory Receptor OR2AT4. Journal of Investigative Dermatology, 2014, 134, 2823-2832.	0.7	190
4	Pyruvate Kinase Triggers a Metabolic Feedback Loop that Controls Redox Metabolism in Respiring Cells. Cell Metabolism, 2011, 14, 415-427.	16.2	185
5	The Pentose Phosphate Pathway Is a Metabolic Redox Sensor and Regulates Transcription During the Antioxidant Response. Antioxidants and Redox Signaling, 2011, 15, 311-324.	5.4	135
6	A time-resolved proteomic and prognostic map of COVID-19. Cell Systems, 2021, 12, 780-794.e7.	6.2	125
7	Regulatory crosstalk of the metabolic network. Trends in Biochemical Sciences, 2010, 35, 220-227.	7.5	94
8	Inhibition of triosephosphate isomerase by phosphoenolpyruvate in the feedback-regulation of glycolysis. Open Biology, 2014, 4, 130232.	3.6	83
9	SCUBE3 loss-of-function causes a recognizable recessive developmental disorder due to defective bone morphogenetic protein signaling. American Journal of Human Genetics, 2021, 108, 115-133.	6.2	37
10	Sacrifice for survival. Nature, 2011, 480, 190-191.	27.8	35
11	A proteomic survival predictor for COVID-19 patients in intensive care. , 2022, 1, e0000007.		28
12	Pyruvate kinase is a dosage-dependent regulator of cellular amino acid homeostasis. Oncotarget, 2012, 3, 1356-1369.	1.8	25
13	The difference between rare and exceptionally rare: molecular characterization of ribose 5-phosphate isomerase deficiency. Journal of Molecular Medicine, 2010, 88, 931-939.	3.9	23
14	Biallelic inactivating variants in the GTPBP2 gene cause a neurodevelopmental disorder with severe intellectual disability. European Journal of Human Genetics, 2018, 26, 592-598.	2.8	22
15	Warburg effect and translocation-induced genomic instability: two yeast models for cancer cells. Frontiers in Oncology, 2012, 2, 212.	2.8	21
16	Dyskeratosis congenita with a novel genetic variant in the DKC1 gene: a case report. BMC Medical Genetics, 2018, 19, 85.	2.1	16
17	Low catalytic activity is insufficient to induce disease pathology in triosephosphate isomerase deficiency. Journal of Inherited Metabolic Disease, 2019, 42, 839-849.	3.6	13
18	Glycolysis: How a 300yr long research journey that started with the desire to improve alcoholic beverages kept revolutionizing biochemistry. Current Opinion in Systems Biology, 2021, 28, 100380.	2.6	8

#	Article	IF	Citations
19	A novel POC1A variant in an alternatively spliced exon causes classic SOFT syndrome: clinical presentation of seven patients. Journal of Human Genetics, 2020, 65, 193-197.	2.3	7