

# Gang Peng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7327963/publications.pdf>

Version: 2024-02-01

35  
papers

1,103  
citations

471509

17  
h-index

414414

32  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2217  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene and pathway-based second-wave analysis of genome-wide association studies. <i>European Journal of Human Genetics</i> , 2010, 18, 111-117.	2.8	228
2	Genome-wide gene and pathway analysis. <i>European Journal of Human Genetics</i> , 2010, 18, 1045-1053.	2.8	99
3	A Branched-Chain Amino Acid-Related Metabolic Signature Characterizes Obese Adolescents with Non-Alcoholic Fatty Liver Disease. <i>Nutrients</i> , 2017, 9, 642.	4.1	92
4	A Novel Statistic for Genome-Wide Interaction Analysis. <i>PLoS Genetics</i> , 2010, 6, e1001131.	3.5	64
5	Multifactor Effects and Evidence of Potential Interaction between Complement Factor H Y402H and LOC387715 A69S in Age-Related Macular Degeneration. <i>PLoS ONE</i> , 2008, 3, e3833.	2.5	64
6	Rare variant detection using family-based sequencing analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3985-3990.	7.1	54
7	Prevalence of Corneal Astigmatism in Patients before Cataract Surgery in Northern China. <i>Journal of Ophthalmology</i> , 2014, 2014, 1-7.	1.3	51
8	Trophoblast-secreted soluble-PD-L1 modulates macrophage polarization and function. <i>Journal of Leukocyte Biology</i> , 2020, 108, 983-998.	3.3	45
9	Machine learning selected smoking-associated DNA methylation signatures that predict HIV prognosis and mortality. <i>Clinical Epigenetics</i> , 2018, 10, 155.	4.1	37
10	Reducing False-Positive Results in Newborn Screening Using Machine Learning. <i>International Journal of Neonatal Screening</i> , 2020, 6, 16.	3.2	33
11	IL-10 to TNF- $\alpha$ ratios throughout early first trimester can discriminate healthy pregnancies from pregnancy losses. <i>American Journal of Reproductive Immunology</i> , 2020, 83, e13195.	1.2	32
12	Combining newborn metabolic and DNA analysis for second-tier testing of methylmalonic acidemia. <i>Genetics in Medicine</i> , 2019, 21, 896-903.	2.4	31
13	Epigenetic age acceleration, fatigue, and inflammation in patients undergoing radiation therapy for head and neck cancer: A longitudinal study. <i>Cancer</i> , 2021, 127, 3361-3371.	4.1	28
14	Next-Generation Molecular Testing of Newborn Dried Blood Spots for Cystic Fibrosis. <i>Journal of Molecular Diagnostics</i> , 2016, 18, 267-282.	2.8	26
15	The role of the gut microbiome in cancer-related fatigue: pilot study on epigenetic mechanisms. <i>Supportive Care in Cancer</i> , 2021, 29, 3173-3182.	2.2	26
16	Ethnic variability in newborn metabolic screening markers associated with false-positive outcomes. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 934-943.	3.6	23
17	Penetrance of Different Cancer Types in Families with Li-Fraumeni Syndrome: A Validation Study Using Multicenter Cohorts. <i>Cancer Research</i> , 2020, 80, 354-360.	0.9	22
18	Data-Independent Acquisition and Parallel Reaction Monitoring Mass Spectrometry Identification of Serum Biomarkers for Ovarian Cancer. <i>Biomarker Insights</i> , 2017, 12, 117727191771094.	2.5	21

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19	Association of Epigenetic Age Acceleration With Risk Factors, Survival, and Quality of Life in Patients With Head and Neck Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 157-167.	0.8	18
20	Molecular and clinicopathologic characterization of intravenous leiomyomatosis. <i>Modern Pathology</i> , 2020, 33, 1844-1860.	5.5	16
21	Human Chorionic Gonadotropin modulates CXCL10 Expression through Histone Methylation in human decidua. <i>Scientific Reports</i> , 2020, 10, 5785.	3.3	15
22	FamSeq: A Variant Calling Program for Family-Based Sequencing Data Using Graphics Processing Units. <i>PLoS Computational Biology</i> , 2014, 10, e1003880.	3.2	14
23	Estimating TP53 Mutation Carrier Probability in Families with "Fraumeni Syndrome Using LFSPRO. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 837-844.	2.5	14
24	Timing of Newborn Blood Collection Alters Metabolic Disease Screening Performance. <i>Frontiers in Pediatrics</i> , 2020, 8, 623184.	1.9	14
25	A Class II-Restricted CD8 <sup>+</sup> 13 T-Cell Clone Protects During <i>Chlamydia muridarum</i> Genital Tract Infection. <i>Journal of Infectious Diseases</i> , 2020, 221, 1895-1906.	4.0	7
26	Elevated methylmalonic acidemia (MMA) screening markers in Hispanic and preterm newborns. <i>Molecular Genetics and Metabolism</i> , 2019, 126, 39-42.	1.1	6
27	Differential Protein Expression in Striatal D1- and D2-Dopamine Receptor-Expressing Medium Spiny Neurons. <i>Proteomes</i> , 2020, 8, 27.	3.5	6
28	Correlating genomic copy number alterations with clinicopathologic findings in 75 cases of hepatocellular carcinoma. <i>BMC Medical Genomics</i> , 2021, 14, 150.	1.5	5
29	Peri-implantation cytokine profile differs between singleton and twin IVF pregnancies. <i>American Journal of Reproductive Immunology</i> , 2021, 85, e13348.	1.2	4
30	Efficient computation of the joint probability of multiple inherited risk alleles from pedigree data. <i>Genetic Epidemiology</i> , 2018, 42, 528-538.	1.3	3
31	Genome-Wide Association Studies of Copy Number Variation in Glioblastoma. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	2
32	ProteomicsBrowser: MS/proteomics data visualization and investigation. <i>Bioinformatics</i> , 2019, 35, 2313-2314.	4.1	2
33	Cytogenomic Abnormalities in 19 Cases of Salivary Gland Tumors of Parotid Gland Origin. <i>Case Reports in Genetics</i> , 2020, 2020, 1-6.	0.2	1
34	The Results on the Stability of Glycolytic Metabolic Networks in Different Cells. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2009, , 536-540.	0.3	0
35	Determining concordance of LFSPRO TP53 germline carrier risk predictions to standard genetic counseling practice.. <i>Journal of Clinical Oncology</i> , 2022, 40, 10593-10593.	1.6	0