

# (人體生物資料庫核心實驗室)

## 人體生物資料庫研究成果一覽表

2019.01.01至2021.12.01 人體生物資料庫協助論文發表狀況(共計52篇)

(其中Impact Factor >5分有24篇)

發表年月	論文名稱	作者	期刊名稱	卷數	期數	頁數 (起)	頁數 (迄)	Impact Factor	致謝
2021.10	The Role of Phosphatidylinositol 3-Kinase Catalytic Subunit Type 3 in the Pathogenesis of Human Cancer.	Chu CA, Wang YW, Chen YL, Chen HW, Chuang JJ, Chang HY, Ho CL, Chang C, Chow NH, Lee CT.	Int J Mol Sci.	22	20	doi: 10.3390/ijms222010964		5.923	是
2021.10	Disulfiram Sensitizes a Therapeutic-Resistant Glioblastoma to the TGF-β Receptor Inhibitor.	Liu CC, Wu CL, Lin MX, Sze CI, Gean PW.	Int J Mol Sci.	22	19	doi: 10.3390/ijms221910496		5.923	是
2021.09	Serine/threonine-protein kinase 24 is an inhibitor of gastric cancer metastasis through suppressing <i>CDH1</i> gene and enhancing stemness.	Chen YL, Wang CY, Fang JH, Hsu HP.	Am J Cancer Res.	11	9	427 7	4293	5.177	是
2021.04	Epstein-Barr virus latent membrane protein-1 upregulates autophagy and promotes viability in Hodgkin lymphoma: Implications for targeted therapy.	Lin HC, Chang Y, Chen RY, Hung LY, Chen CH, Chen YP, Medeiros LJ, Chiang PM, Chang KC.	Cancer Sci.	112	4	158 9	1602	4.966	否
2021.04	Cilostazol eliminates radiation-resistant glioblastoma by re-evoking big conductance calcium-activated potassium channel activity.	Liu CC, Wu CL, Yeh IC, Wu SN, Sze CI, Gean PW.	Am J Cancer Res.	11	4	694	709	5.177	是
2021.03	Sequential and co-occurring DNA damage response genetic mutations impact survival in stage III colorectal cancer patients receiving adjuvant oxaliplatin-based chemotherapy.	Lin CP, Yeh YM, Chan RH, Lin BW, Chen PC, Pan CC, Shen MR.	BMC Cancer.	21	217	doi: 10.1186/s12885-021-07926-1		3.15	否
2021.03	Targeting lysosomal cysteine protease cathepsin S reveals immunomodulatory therapeutic strategy for oxaliplatin-induced peripheral neuropathy.	Chen SJ, Chen LH, Yeh YM, Lin CC, Lin CP, Huang HW, Shen MR, Lin BW, Lee JC, Lee CC, Lee YF, Chiang HC, Chang LY.	Theranostics.	11	10	4672	4687	8.712	否

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2021.03	1550 nm excitation-responsive upconversion nanoparticles to establish dual-photodynamic therapy against pancreatic tumors.	Pham KY, Wang LC, Hsieh CC, Hsu YP, Chang LC, Su WP, Chien YH and Yeh CS	J Mater Chem B.	9		694	709	5.344	否
2021.03	Insulin-like growth factor binding protein 3 promotes radiosensitivity of oral squamous cell carcinoma cells via positive feedback on NF-κB/IL-6/ROS signaling.	Wang SH, Chen YL, Hsiao JR, Tsai FY, Jiang SS, Lee YL, Tsai HJ, Chen YW.	J Exp Clin Cancer Res.	40	1	doi: 10.1186/s13046-021-01898-7.		7.068	是
2021.02	Interleukin-24 protects against liver injury in mouse models.	Wang HH, Huang JH, Sue MH, Ho WC, Hsu YH, Chang KC, Chang MS.	EBioMedicine	64	103213	doi: 10.1016/j.ebiom.2021.103213		5.736	否
2021.01	Ephrin A4-ephrin receptor A10 signaling promotes cell migration and spheroid formation by upregulating <i>NANOG</i> expression in oral squamous cell carcinoma cells.	Chen YL, Yen YC, Jang CW, Wang SH, Huang HT, Chen CH, Hsiao JR, Chang JY, Chen YW.	Sci Rep.	11	644	doi: 10.1038/s41598-020-80060-3		3.998	是
2021.01	Upregulation of peroxisome proliferator-activated receptor-α and the lipid metabolism pathway promotes carcinogenesis of ampullary cancer.	Wang CY, Chao YJ, Chen YL, Wang TW, Phan NN, Hsu HP, Shan YS, Lai MD.	Int J Med Sci.	18	1	256	269	2.523	是
2021.01	Comprehensive assessments of germline deletion structural variants reveal the association between prognostic MUC4 and CEP72 deletions and immune response gene expression in colorectal cancer patients.	Lin PC, Chen HO, Lee CJ, Yeh YM, Shen MR, Chiang JH.	Hum Genomics.	15	3	doi: 10.1186/s14024-020-00302-3		3.351	否

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2020.12	Stem cell characteristics promote aggressiveness of diffuse large B-cell lymphoma.	Chang KC, Chen RY, Wang YC, Hung LY, Medeiros LJ, Chen YP, Chen TY, Yang JC, Chiang PM.	Sci Rep.	10	1	DOI: 10.1038/s41598-020-78508-7		3.998	否
2020.11	Gene signatures of SARS-CoV/SARS-CoV-2-infected ferret lungs in short- and long-term models.	Liu HL, Yeh JJ, Phan NN, Wu YH, Yen MC, Hung JH, Chiao CC, Chen CF, Sun Z, Jiang JZ, Hsu HP, Wang CY, and Lail MD.	Infect Genet Evol.	85		doi: 10.1016/j.meegid.2020.104438		2.773	是 IPA
2020.11	MiR-944/CISH mediated inflammation via STAT3 is involved in oral cancer malignance by cigarette smoking.	Peng HY, Hsiao JR, Chou ST, Hsu YM, Wu GH, Shieh YS, Shiah SG.	Neoplasia.	22	11	554	565	5.646	是
2020.11	USP24 stabilizes bromodomain containing proteins to promote lung cancer malignancy.	Wang SA, Young MJ, Jeng WY, Liu CY, Hung JJ.	Sci Rep.	10	1	DOI: 10.1038/s41598-020-78000-2		3.998	是
2020.11	Anti-Cancer Effect of Cordycepin on FGF9-Induced Testicular Tumorigenesis.	Chang MM, Hong SY, Yang SH, Wu CC, Wang CY, Huang BM.	Int J Mol Sci.	21	21	DOI: 10.3390/ijms21218336		4.653	是
2020.10	Genomic amplification of chromosome 20q13.33 is the early biomarker for the development of sporadic colorectal carcinoma.	Vo-Minh-Hoang Bui, Clément Mettling, Jonathan Jou, H. Sunny Sun.	BMC Med Genomics.	13	149	doi: 10.1186/s12920-020-00776-z		3.969	否
2020.10	Intratumor Heterogeneity of MYO18A and FBXW7 Variants Impact the Clinical Outcome of Stage III Colorectal Cancer.	Lin PC, Yeh YM, Lin BW, Lin SC, Chan RH, Chen PC, Shen MR.	Front Oncol.	10	5885 57	Doi: 10.3389/fonc.2020.588557		4.848	否
2020.09	Higher infiltration of intratumoral CD25+FOXP3+ lymphocytes correlates with a favorable prognosis in patients with diffuse large B-cell lymphoma	Chang C, Chen YP, Medeiros LJ, Chen TY, Chang KC.	Leuk Lymphoma.	-	-	DOI: 10.1080/10428194.2020.1817438		2.969	是

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2020.08	Plasma proteome atlas for differentiating tumor stage and post-surgical prognosis of hepatocellular carcinoma and cholangiocarcinoma.	Chang TT, Ho CH	PLoS One.	15	8	e0238251.		2.740	是
2020.08	Dysregulated Kras/YY1/ZNF322A/Shh transcriptional axis enhances neo-angiogenesis to promote lung cancer progression.	Lin CC, Kuo IY, Wu LT, Kuan WH, Liao SY, Jayu Jen, Yang YE, Tang CW, Chen YR, Wang YC	Theranostics.	10	22	10001	10015	8.579	是
2020.08	Increased expression of secreted frizzled related protein 1 (SFRP1) predicts ampullary adenocarcinoma recurrence.	Cheng IC, Chao YJ, Michael J. Overman, Wang CY, Phan NN, Chen YL, Wang TW, Hsu HP, Shan YS, Lai MD	Sci Rep.	10		DOI: 10.1038/s41598-020-69899-8		3.998	是
2020.08	Cancer-Derived Transforming Growth Factor- $\beta$ Modulates Tumor-Associated Macrophages in Ampullary Cancer.	Cheng LC, Chao YJ, Wang CY, Phan NN, Chen YL, Wang TW, Hsu HP, Lin YJ, Shan YS, Lai MD	Onco Targets Ther.	13		7503	7516	3.337	是
2020.06	PODXL2 maintains cellular stemness and promotes breast cancer development through the Rac1/Akt Pathway.	Lin YY, Wang CY, Nam Nhut Phan, Chiao CC, Li CY, Zhengda Sun, Hung JH, Chen YL, Yen MC, Weng TY, Hsu HP, Lai MD	Int. J. Med. Sci.	17	11	1639	1651	2.523	是
2020.06	Epidermal Growth Factor-Induced COX-2 Regulates Metastasis of Head and Neck Squamous Cell Carcinoma Through Upregulation of Angiopoietin-Like 4.	Chiang KH, Shieh JM, Shen CJ, Chang TW, Wu PT, Hsu JY, Tsai JP, Chang WC, Chen BK.	Cancer Sci.	111	6	2004	2015	4.751	否

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2020.06	Targeting interleukin-20 alleviates paclitaxel-induced peripheral neuropathy.	Chen LH, Yeh YM, Chen YF, Hsu YH, Wang HH, Lin PC, Chang LY, Lin CC, Chang MS, Shen MR.	Pain.	161	6	1237	1254	5.483	否
2020.06	Circulating Plasma Gelsolin: A Predictor of Favorable Clinical Outcomes in Head and Neck Cancer and Sensitive Biomarker for Early Disease Diagnosis Combined With Soluble Fas Ligand.	Chiu CT, Wang PW, Meshach Asare-Werehene, Tsang Benjamin K, Shieh DB	Cancers (Basel).	12	6	DOI: 10.3390/cancers12061569		6.126	是
2020.06	Epigenetic Silencing of AATK in Acinar to Ductal Metaplasia in Murine Model of Pancreatic Cancer.	Ding LY, Hou YC, Kuo IY, Hsu TY, Tsai TC, Chang HW, Hsu WY, Tsao CC, Tian CC, Wang PS, Wang HC, Lee CT, Wang YC, Lin SH, Hughes MW, Chuang WJ, Lu PJ, Shan YS, Huang PH.	Clin Epigenetics.	12	1	DOI: 10.1186/s13148-020-00878-6		5.496	是
2020.04	The <i>c-KIT</i> Exon 11 Deletions Cause Resistant to Imatinib Treatment of GISTs through Induction of ULK1-SRC related Autophagy.	Wang HC, Chen YT, Hou YC, Wang CJ, Chao YJ, Lee YT, Shan YS.	BMC Cancer.			DOI: 10.21203/rs.3.rs-22031/v1		2.933	否
2020.04	MiR-30a and miR-379 Modulate Retinoic Acid Pathway by Targeting DNA Methyltransferase 3B in Oral Cancer.	Shiah SG, Hsiao JR, Chang HJ, Hsu YM, Wu GH, Peng HY, Chou ST, Kuo CC, Chang JY.	J Biomed Sci.	27	1	DOI: 10.1186/s12929-020-00644-z		5.203	否 2014 有致 謝
2020.03	Programmed Cell Death-1: Programmed Cell Death-Ligand 1 Interaction Protects Human Cardiomyocytes Against T-Cell Mediated Inflammation and Apoptosis Response In Vitro.	Tay WT, Fang YH, Suet Theng Beh, Liu YW, Hsu LW, Yen CJ, Liu PY	Int J Mol Sci	21	7	DOI: 10.3390/ijms21072399		4.183	否
2020.03	Comparing PI3K/Akt Inhibitors Used in Ovarian Cancer Treatment.	Wu YH, Huang YF, Chen CC, Huang CY, Chou CY.	Front Pharmacol.			doi: 10.3389/fphar.2020.00206		4.40	否

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2020.01	Gene signatures and potential therapeutic targets of amino acid metabolism in estrogen receptor-positive breast cancer.	Wang CY, Chiao CC, Phan NN, Li CY, Sun ZD, Jiang JZ, Hung JH, Chen YL, Yen MC, Weng TY, Chen WC, Hsu HP, Lai MD.	Am J Cancer Res.	10	1	95	113	4.737	是
2020.01	Knockdown of serine/threonine-protein kinase 24 promotes tumorigenesis and myeloid-derived suppressor cell expansion in an orthotopic immunocompetent gastric cancer animal model.	Hsu HP, Wang CY, Hsieh PY, Fang JH, Chen YL	J Cancer.	11	1	213	228	3.182	是
2019.11	Mutation of the PTCH1 gene predicts recurrence of breast cancer.	Wang CY, Chang YC, Kuo YL, Lee KT, Chen PS, Cheung CHA, Chang CP, Phan NN, Shen MR, Hsu HP.	Sci Rep.	9	1	16359	16363	4.011	是
2019.10	AKT-mediated phosphorylation enhances protein stability and transcription activity of ZNF322A to promote lung cancer progression.	Liao SY, Kuo IY, Chen YT, Liao PC, Liu YF, Wu HY, Lai WW, Wang YC.	Oncogene	38	41	6723	6736	6.634	是
2019.9	Nuclear KIT induces a NFKBIB-RELA-KIT autoregulatory loop in imatinib-resistant gastrointestinal stromal tumors.	Hsueh YS, Chang HH, Shan YS, Sun HS, Fletcher JA, Li CF, Chen LT.	Oncogene	38	38	6550	6565	6.634	是
2019.7	Combination of inductive effect of lipopolysaccharide and in situ mechanical conditioning for forming an autologous vascular graft in vivo.	Chen CL, Guo HR, Wang YJ, Chang HT, Pan CY, Tuan-Mu HY, Lin HC, Chen CY, Hu JJ.	Sci Rep.	9	1	10616	10633	4.011	是

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2019.7	LncRNA <i>NORAD</i> is repressed by the YAP pathway and suppresses lung and breast cancer metastasis by sequestering S100P.	Tan BS, Yang MC, Shaifali Singh, Chou YC, Chen HY, Wang MY, Wang YC, Chen RH	Oncogene	38	28	5612	5626	6.634	是
2019.7	Cordycepin-induced unfolded protein response-dependent cell death, and AKT/MAPK-mediated drug resistance in mouse testicular tumor cells.	Chang MM, Pan BS, Wang CY, Huang BM.	Cancer Med.	8	8	3949	3964	3.357	是
2019.7	Plasma proteome plus site-specific N-glycoprofiling for hepatobiliary carcinomas.	Chang TT, Cheng JH, Tsai HW, Young KC, Hsieh SY, Ho CH.	J Pathol Clin Res.	5	3	199	212	6.253	是
2019.7	Sp1 in Astrocyte Is Important for Neurite Outgrowth and Synaptogenesis.	Hung CY, Hsu TI, Chuang JY, Su TP, Chang WC, Hung JJ.	Mol Neurobiol.	doi: 10.1007/s12035-019-01694-7.			4.586	是	
2019.6	Hepatitis B virus X protein (HBx) enhances centrosomal P4.1-associated protein (CPAP) expression to promote hepatocarcinogenesis.	Yen CJ, Yang ST, Chen RY, Huang WY, Kazuaki Chayama, Lee MH, Yang SJ, Lai HS, Yen HY, Hsiao YW, Wang JM, Lin YJ, Hung LY	J Biomed Sci.	DOI: 10.1186/s12929-019-0534-9			5.762	否	



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2019.5	MiR-338-5p promotes metastasis of colorectal cancer by inhibition of phosphatidylinositol 3-kinase, catalytic subunit type 3-mediated autophagy pathway.	Chu CA, Lee CT, Lee JC, Wang YW, Huang CT, Lan SH, Lin PC, Lin BW, Tian YF, Liu HS, Chow NH.	EBioMedicine	43		270	281	6.183	否
2019.5	hnRNPM induces translation switch under hypoxia to promote colon cancer development.	Chen TM, Lai MC, Li YH, Chan YL, Wu Ch, Wang YM, Chien CW, Huang SY, H. Sunny Sun, Tsai SJ.	EBioMedicine	41		299	309	6.183	否
2019.4	Low CD8 <sup>+</sup> T Cell Infiltration and High PD-L1 Expression Are Associated with Level of CD44 <sup>+</sup> /CD133 <sup>+</sup> Cancer Stem Cells and Predict an Unfavorable Prognosis in Pancreatic Cancer.	Hou YC, Chao YJ, Hsieh MH, Tung HL, Wang HC, Shan YS	Cancers	11	4	pii: E541		5.326	否
2019.4	Glycoproteomic identification of novel plasma biomarkers for oral cancer.	Chang SC, Lin WL, Chang YF, Lee CT, Wu JS, Hsu PH, Chang CF.	JFDA	27	2	483	493	2.852	是
2019.03	Germline susceptibility variants impact clinical outcome and therapeutic strategies for stage III colorectal cancer.	Lin PC, Yeh YM, Wu PY, Hsu KF, Chang JY, Shen MR.	Sci Rep.	9	39 31	doi: 10.1038/s41598-019-40571-0		3.998	否

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2019.1	Pancreatic stellate cells activated by mutant KRAS-mediated PAI-1 upregulation foster pancreatic cancer progression via IL-8.	Wang HC, Lin YL, Hsu CC, Chao YJ, Hou YC, Chiu TJ, Huang PH, Tang MJ, Chen LT, Shan YS.	Theranostics.	9	24	7168	7183	8.063	否
2019.1	$\beta$ -catenin-activated autocrine PDGF/Src signaling is a therapeutic target in pancreatic cancer.	Kuo TL, Cheng KH, Shan YS, Chen LT, Hung WC.	Theranostics	9	2	324	336	8.063	否