2018年重点室PI发表标注重点室文章共计124篇，（被SCI收录101篇，IF>="10" 为11篇、IF 5-10为38篇、IF 3-5为34篇、IF<3为18篇、总IF 586.790，平均5.810/篇。）

1. Sun L#, Xie C#, Wang G#, Wu Y#, Wu Q, Wang X, Liu J, Deng Y, Xia J, Chen B, Zhang S, Yun C, Lian G, Zhang X, Zhang H, Bisson WH, Shi J, Gao X, Ge P, Liu C, Krausz KW, Nichols RG, Cai J, Rimal B, Patterson AD, Wang X, Gonzalez FJ, Jiang CT\*. Gut microbiota and intestinal FXR mediate the clinical benefits of metformin. Nat Med. 2018 Dec;24(12):1919-1929. （**IF :32.6**）
2. Xiao H#, Li H#, Wang J, Zhang J, Shen J, An X, Zhang C, Wu J, Song Y, Wang X, Yu H, Deng X, Li Z, Xu M, Lu Z, Du J, Gao W, Zhang A, Feng Y, Zhang Y\*. IL-18 cleavage triggers cardiac inflammation and fibrosis upon β-adrenergic insult. European Heart Journal. 2018; 39(1):60-69. doi: 10.1093/eurheartj/ （**IF: 23.4**）
3. Xiangning Deng, Xinyu Wang, Haiyi Yu, Shaomin Chen, Xinye Xu, Wei Huai, Guihua Liu, Qingbian Ma, Youyi Zhang, Anthony M. Dart\*, Xiaojun Du\*, Wei Gao\*. Admission macrophage migration inhibitory factor predicts long-term prognosis in patients with ST-elevation myocardial infarction. [European Heart Journal- Quality of Care & Clinical Outcomes](http://www.baidu.com/link?url=192BoH_bXXxoQGsTQGbSLOb-C30EHHsXzkGuumgUjM3ONk3JvilNUAawLuqPIQxx). 2018; 4(3):208-219.
4. Gonzalez FJ\*, Xie C, Jiang CT\*. The role of hypoxia-inducible factors in metabolic diseases. Nat Rev Endocrinol. 2018 Dec;15(1):21-32. (review) (**IF :20.3**)
5. Wang Y, Chen D, Zhang Y, Wang P, Zheng C, Zhang S, Yu B, Zhang L, Zhao G, Ma B, Cai Z, Xie N, Huang S, Liu Z, Mo X, Guan Y, Wang X, Fu Y, Ma D, Wang Y\*, Kong W\*. Novel Adipokine, FAM19A5, Inhibits Neointima Formation After Injury Through Sphingosine-1-Phosphate Receptor 2. Circulation. 2018 Jul 3;138(1):48-63. (**IF :18.88**)
6. Yang F, Xiao P, Qu CX, Liu Q, Wang LY, Liu ZX, He QT, Liu C, Xu JY, Li RR, Li MJ, Li Q, Guo XZ, Yang ZY, He DF, Yi F, Ruan K, Shen YM, Yu X, Sun JP\*, Wang JY\*. Allosteric mechanisms underlie GPCR signaling to SH3-domain proteins through arrestin. Nat Chem Biol 2018 Sep;14(9):876-886. （合作）（**IF :13.6**）
7. Yang J\*, Zhang LJ, Wang F, Hong T\*, Liu Z\*. Molecular imaging diabetes and diabetic complications beyond targeting pancreatic beta cells. [Advanced Drug Delivery Reviews](https://www.journals.elsevier.com/advanced-drug-delivery-reviews/) 2018 Dec 5. pii: S0169-409X(18)30302-8. doi: 10.1016/j.addr.2018.11.007. (**IF: 13.4**)
8. Wenjing Wang, Yunhui Qiao, Zijian Li\*. New Insights into modes of GPCR activation. Trends in Pharmacological Sciences. 2018; 39(4):367-386. (**IF: 12.797**).
9. He R, Yin Y, Yin W, Li Y, Zhao J, Zhang W. Prevention of pancreatic acinar cell carcinoma by Roux-en-Y Gastric Bypass Surgery. Nat Commun 2018;9(1):4183. (**IF:12.353**)
10. Li T, Yu B, Liu Z, Li J, Ma M, Wang Y, Zhu M, Yin H, Wang X, Fu Y, Yu F, Wang X, Fang X, Sun J\*, Kong W\*. Homocysteine directly interacts and activates the angiotensin II type I receptor to aggravate vascular injury. Nat Commun. 2018 Jan 2;9(1):11. (**IF :12.35**)
11. Huang Z, Shi J, Gao Y, Cui C, Zhang S, Li J, Zhou Y, and Cui Q. HMDD v3.0: a database for experimentally supported human microRNA-disease associations. Nucleic Acids Research 2018 (accepted). （**IF : 11.561**）
12. Bao Z, Yang Z, Huang Z, Zhou Y, Zhao Z, Ren Y, Cui Q, and Dong D. LncRNADisease 2.0: an updated database of long non-coding RNA-associated diseases. Nucleic Acids Research. 2018 Oct 4. doi: 10.1093/nar/gky905. （**IF : 11.561**）
13. Liu W., B. Chen, H. Huang, Y. Wang, X. Huang, J. Qin, A. Qiu, B. Yang, G. J. Freeman, H. J. Lu, H. Y. Lin, H. Lan, Y. Huang, Y. Xia. (2018) RGMb protects against acute kidney injury by inhibiting tubular cell necroptosis via an MLKL-dependent mechanism. PNAS, Published online January 30, 2018 | E1475–E1484 /doi:10.1073/pnas.1716959115 (**IF :9.423**)
14. Xie SA, Zhang T, Wang J, Zhao F, Zhang YP, Yao WJ, Hur SS, Yeh YT, Pang W, Zheng LS, Fan YB, Kong W, Wang X, Chiu JJ, Zhou J\*. Matrix stiffness determines the phenotype of vascular smooth muscle cell in vitro and in vivo: Role of DNA methyltransferase 1. Biomaterials. 155:203-216. 2018 （**IF: 8.806**）
15. Wang J, Yang W, Chen Z, Chen J, Meng Y, Feng B, Sun L, Dou L, Li J, Cui Q\*, Yang J\*. Long nocoding RNA LncSHGL recruits hnRNPA1 to suppress gluconeogenesis and lipogenesis. Diabetes. 2018, 67(4):581-593. （**IF:8.8**）
16. Li L, Zhao Q, Kong W\*. Extracellular matrix remodeling and cardiac fibrosis. Matrix Biol. 2018 Aug;68-69:490-506. （**IF :8.14**）
17. Lv Z, Man Z, Xu Z, Feng C, Yang Y, Liao Q, Wang X, Zheng L, \*Hongbing Fu. Intracellular Near-Infrared Microlaser Probes Based on Organic Microsphere-SiO2 Core-Shell Structures for Cell Tagging and Tracking. ACS Appl Mater Interfaces. 2018 Aug 6. doi: 10.1021/acsami.8b09380.（**IF:8.097**）
18. Li D, Ke Y, Zhan R, Liu C, Zhao M, Zeng A, Shi X, Ji L, Cheng S, Pan B, \*Lemin Zheng, \*Hong H. Trimethylamine-N-oxide promotes brain aging and cognitive impairment in mice. Aging Cell. 2018 May 10:e12768.（**IF:7.627**）
19. Guo, Shuyuan; Lu, Jianhong; Zhuo, Yujuan; Xiao, Mengqing; Xue, Xinli; Zhong, Shanshan; Shen, Xia; Yin, Chunzhao; Li, Luxiao; Chen, Qun; Zhu, Mingjiang; Chen, Buxing; Zhao, Mingming; Zheng, Lemin; Tao, Yongzhen; Yin, Huiyong. Endogenous cholesterol ester hydroperoxides modulate cholesterol levels and inhibit cholesterol uptake in hepatocytes and macrophages. 2018 Dec 12;21:101069. doi: 10.1016/j.redox.2018.101069. [Epub ahead of print]. (**IF:7.13)**
20. Huang T, Wang T, Heianza Y, Zheng Y, Sun D, Kang JH8, Pasquale LR, Rimm EB, Manson JE, Hu FB, Qi L Habitual consumption of long-chain n-3 PUFAs and fish attenuates genetically associated long-term weight gain. Am J Clin Nutr. 2019 Mar 1;109(3):665-673. doi: 10.1093/ajcn/nqy238. （**IF:6.9）**
21. Fu Y, Wang X, Kong W\*. Hyperhomocysteinaemia and vascular injury: advances in mechanisms and drug targets. Br J Pharmacol. 2018 Apr;175(8):1173-1189.（**IF :6.81**）
22. Chen R, Feng Y, Wu J, Song Y, Li H, Shen Q, Li D, Zhang J, Lu Z, Xiao H\*, Zhang Y\*. Metformin attenuates angiotensin II-induced TGFbeta1 expression by targeting hepatocyte nuclear factor-4-alpha. British Journal of Pharmacology. 2018; 175(8):1217-1229. doi: 10.1111/bph.13753. (**IF: 6.8**)
23. Yu W, Jin H, Tang C, Du J\*, Zhang Z\*. Sulfur-containing gaseous signal molecules, ion channels and cardiovascular diseases.Br J Pharmacol. 2018 Apr;175(8):1114-1125. (**IF:6.81**)
24. Wang YX(#), Chen C, Wang QY, Cao YN, Xu L, Qi R\*. Inhibitory Effects of Cycloastragenol on Abdominal Aortic Aneurysm and its Related Mechanisms. Br J Pharmacol. 2018 Oct 10. doi: 10.1111/bph.14515. (**IF:6.81**)
25. Cui C, Yang W, Shi J, Zhou Y, Yang J, Cui Q, and Zhou Y. Identification and Analysis of Human Sex-biased MicroRNAs. Genomics Proteomics Bioinformatics. 2018 Jul 11. pii: S1672-0229(18)30130-X. doi: 10.1016/j.gpb.2018.03.004. [Epub ahead of print] （**IF : 6.615**）
26. Cao YN, Xu L, Han YC, Wang YN, Liu G, Qi R. Recombinant high-density lipoproteins and their use in cardiovascular diseases. Drug Discov Today. 2017 Jan;22(1):180-185 （**IF：6.369**）
27. Sisi Guo, Yuan Zhou, Pan Zeng, Guoheng Xu\*, Guoqing Wang\*, Qinghua Cui\*. Identification and analysis of the human sex-biased genes. Briefings in Bioinformatics. 2018;19(2):188-198 (**IF:6.302**)
28. Zhang SY#, Dong YQ#, Wang P, Zhang X, Yan Y, Sun L, Liu B, Zhang D, Zhang H, Liu H, Kong W, Hu G, Shah YM, Gonzalez FJ, Wang X\*, Jiang CT\*. Adipocyte-derived lysophosphatidylcholine activates adipocyte and adipose tissue macrophage nod-like receptor protein 3 inflammasomes mediating homocysteine-induced insulin resistance. EBioMedicine. 2018 May;31:202-216. (**IF :6.2**)
29. Guo X, Gao M, Wang Y, Lin X, Yang L, Cong N, An X, Wang F, Qu K, Yu L, Wang Y, Wang J, Zhu H, Xian X, Liu G. LDL Receptor Gene-ablated Hamsters: A Rodent Model of Familial Hypercholesterolemia With Dominant Inheritance and Diet-induced Coronary Atherosclerosis. EBioMedicine. 2018 Jan;27:214-224. Epub 2017 Dec 15 .(**IF:6.183**)
30. He L, Fu Y, Deng J, Shen Y, Wang Y, Yu F, Xie N, Chen Z, Hong T, Peng X, Li Q, Zhou J, Han J\*, Wang Y\*, Xi J\*, Kong W\*. Deficiency of FAM3D (Family With Sequence Similarity 3, Member D), A Novel Chemokine, Attenuates Neutrophil Recruitment and Ameliorates Abdominal Aortic Aneurysm Development. Arterioscler Thromb Vasc Biol. 2018 Jul;38(7):1616-1631. (**IF: 6.09**)
31. Ke Y, Li D, Zhao M, Liu C, Liu J, Zeng A, Shi X, Cheng S, Pan B, \*Lemin Zheng, \*Hong H. Gut flora-dependent metabolite Trimethylamine-N-oxide accelerates endothelial cell senescence and vascular aging through oxidative stress. Free Radic Biol Med. 2018 Jan 8;116:88-100.（**IF:6.020**）
32. Mu H., Q. Li, J. Fan, C. Pan, Y. Liu, L. Li, K. Sun, B. Hu, D. Huang, X. Zhao, X. Chang, C. Wang, S. He, K. He, B. Yang\*, and J. Han\*. (2018) Caffeic acid attenuates rat liver injury after transplantation involving PDIA3-dependent regulation of NADPH oxidase. Free Radical Biology and Medicine 129: 202-214. (**IF :6.020**)
33. Zhang M, Zhang Z, He K, Wu J, Li N, Zhao R, Yuan J, Xiao H, Zhang Y\*, Fang X\*.Quantitative Characterization of the Membrane Dynamics of Newly Delivered TGF-β Receptors by Single-Molecule Imaging. Analytical Chemistry. 2018; 90(7):4282-4287. doi: 10.1021/acs.analchem.7b03448. **(IF: 6.0**)
34. Zhang X, Yang W, Wang J, Guan Y\* and Yang J\*. FAM3 gene family: a promising therapeutical target for NAFLD and type 2 diabetes. Metabolism. 2018, 81:71-82（**IF:6.0**）
35. Li J，Zhang Y, Zhang Y, Lü S, Miao Y, Yang J, Huang S, Ma X, Han L, Deng J, Fan F, Liu B, Huo Y, Xu Q, Chen C\*, Wang X\*, Feng J\*. GSNOR modulates hyperhomocysteinemia-induced T cell activation and atherosclerosis by switching Akt S-nitrosylation to phosphorylation. Redox Biol. 2018 May 1; 17: 386-399.（**IF:6**)
36. Zhang SY, Dong YQ, Wang P, Zhang X, Yan Y, Sun L, Liu B, Zhang D, Zhang H, Liu H, Kong W, Hu G, Shah YM, Gonzalez FJ, Wang X\*, Jiang C\*. Adipocyte-derived Lysophosphatidylcholine Activates Adipocyte and Adipose Tissue Macrophage Nod-Like Receptor Protein 3 Inflammasomes Mediating Homocysteine-Induced Insulin Resistance. EBioMedicine. 2018;31:202-216 (**IF:6**)
37. Jia Y, Wang M, Mao C, Yu F, Wang Y, Xiao R, Jiang C, Zheng L, Xu Q, Zheng M, Fu Y, Hu Q, Kong W\*. COMP-prohibitin 2 interaction maintains mitochondrial homeostasis and controls smooth muscle cell identity. Cell Death Dis. 2018 Jun 4;9(6):676. (**IF :5.64**)
38. Weng L, Jia S, Xu C, Ye J, Cao Y, Liu Y, [Zheng M](http://www.ncbi.nlm.nih.gov/pubmed?term=Zheng%20M%5BAuthor%5D&cauthor=true&cauthor_uid=23386722)\*. Nogo-C regulates post myocardial infarction fibrosis through the interaction with ER Ca2+ leakage channel Sec61α in mouse hearts. Cell Death & Disease. 2018, 9(6): 612. (**IF:5.638**)
39. Zhan R, Zhao M, Zhou T, Chen Y, Yu W, Zhao L, Zhang T, Wang H, Yang H, Jin Y, He Q, Yang X, Guo X, Willard B, Pan B, Huang Y, Chen Y, \*Chui D, \*Lemin Zheng. Dapsone protects brain microvascular integrity from high-fat diet induced LDL oxidation. Cell Death Dis. 2018 Jun 7;9(6):683. （**IF:5.638**）
40. Shen J#, Zhang JH#, Xiao H#, Wu JM, He KM, Lv ZZ, Li ZJ, Xu M, Zhang Y\*. Mitochondria are transported along microtubules in membrane nanotubes to rescue distressed cardiomyocytes from apoptosis. Cell Death & Disease. 2018; 9(2):81. doi: 10.1038/s41419-017-0145-x. (**IF: 5.6**)
41. Zhang D, Wang X, Tian X, Zhang L, Yang G, Tao Y, Liang C, Li K, Yu X, Tang X, Tang C, Zhou J, Kong W, Du J, Huang Y\*, Jin H\*. The Increased Endogenous Sulfur Dioxide Acts as a Compensatory Mechanism for the Downregulated Endogenous Hydrogen Sulfide Pathway in the Endothelial Cell Inflammation. Front Immunol. 2018 Apr 30;9:882. (**IF:5.511**)
42. Song F, Cui C, Gao L, and Cui Q. miES: predicting the essentiality of miRNAs with machine learning and sequence features. Bioinformatics. 2018 Aug 28. doi: 10.1093/bioinformatics/bty738. （**IF : 5.481**）
43. Ma B, Yao F, Xie N, Mao C, Liu F, Gong Z, Zhao G, Liu Z, Cai Z, Yu F, Dai R, Chen Z, Wang L, Xu Q\*, Kong W\*, Fu Y\*. Cartilage oligomeric matrix protein is a novel notch ligand driving embryonic stem cell differentiation towards the smooth muscle lineage. J Mol Cell Cardiol. 2018 Aug;121:69-80. (**IF :5.30**)
44. Na Zhao, Lan Mi, Xunjun Zhang, Minyao Xu, Haiyi Yu, Zhongwei Liu, Xiaojun Liu, Gongchang Guan, Wei Gao\*, Junkui Wang\*. Enhanced MiR-711 transcription by PPAR gamma induces endoplasmic reticulum stress-mediated apoptosis targeting calnexin in rat cardiomyocytes after myocardial infarction. J Mol Cell Cardiol. 2018, 118: 36-45. (**IF:5.296**)
45. Liu D, Ji L, Zhao M, Wang Y, Guo Y, Li L, Zhang D, Xu L, Pan B, Su J, Xiang S, Pennathur S, Li J, Gao J, Liu P, \*Willard B, \*Lemin Zheng. Lysine glycation of apolipoprotein A-I impairs its anti-inflammatory function in type 2 diabetes mellitus. J Mol Cell Cardiol. 2018 Sep;122:47-57.（**IF:5.148**）
46. Zhong D., Z. Xie, B. Huang, S. Zhu, G. Wang, H. Zhou, S. Lin, Z. Lin, and B. Yang\*. (2018) Ganoderma Lucidum Polysaccharide Peptide Alleviates Hepatoteatosis via Modulating Bile Acid Metabolism Dependent on FXR-SHP/FGF. Cell Physiol Biochem 49: 1204-1220. (**IF :5.103**)
47. Jia Y., J. He, L. Wang, L. Su, L. Lei, W. Huang, X. Geng, S. Zhang, H. Zhou\*, and B. Yang\*. (2018) Dapagliﬂozin Aggravates Renal Injury via Promoting Gluconeogenesis in db/db Mice. Cell Physiol Biochem 45:1747-1758. (**IF :5.103**)
48. Fengjiao Zheng; Jingnan Han; Haocheng Lu; Changting Cui; Jichun Yang; Qinghua Cui; Jun Cai; Yong Zhou; Chaoshu Tang; Guoheng Xu; Bin Geng. Cystathionine beta synthase-hydrogen sulfide system in paraventricular nucleus reduced high fatty diet induced obesity and insulin resistance by brain-adipose axis. Biochimica et Biophysica Acta –Molecular Basis of Disease. 2018;1864(10):3281-3291.(**IF:5.1**)
49. Lü S， Deng J, Liu H, Liu B, Yang J, Miao Y, Li J, Wang N, Jiang C, Xu Q, Wang X\*, Feng J\*. PKM2-dependent metabolic reprogramming in CD4+ T cells is crucial for hyperhomocysteinemia- accelerated atherosclerosis. J Mol Med (Berl). (**IF: 5**)
50. Zhang S, Xu M\*, WANG X. Adrenomedullin 2/intermedin: a putative drug candidate for treatment of cardiometabolic diseases. Br J Pharmacol, 2018,175:1230-40 (**IF:5**)
51. Wu RS, Zhong LJ, Huang XL, Song XM, Bai YC, Xu HB, Liu S, Feng BH, Wang T, Wu FC, Wang XM, Huang W\*. Temporal variations in short-term mortality risks associated with particulate matter reduction in Guangzhou, China (2006-2016). Science of the Total Environment. 2018. 645: 491-498.（**IF:4.610**）
52. Dolatabad MR, Guo LL, Xiao P, Zhu Z, He QT, Yang DX, Qu CX, Guo SC, Fu XL, Li RR, Ge L, Hu KJ, Liu HD, Shen YM, Yu X, Sun JP\*, Zhang PJ\*. Crystal structure and catalytic activity of the PPM1K N94K mutant. J Neurochem. 2019 Feb;148(4):550-560. doi: 10.1111/jnc.14631. （合作） （**IF :4.6**）
53. Cao YN(#), Baiyisaiti A, Wong CW, Hsu SH\*, Qi R\*. Polyurethane Nanoparticle-Loaded Fenofibrate Exerts Inhibitory Effects on Nonalcoholic Fatty Liver Disease in Mice. Mol Pharm. 2018 Oct 1;15(10):4550-4557. doi: 10.1021/acs.molpharmaceut.8b00548. （合作）(**IF:4.56**)
54. Tuerdi N (#), Anwaier G (#), Zhang X (#) , Liu S, Shen WL, Liu W, Shen Q, Qi R\*. Simvastatin nanoliposome induces myocardial and hepatic toxicities due to its absorption enhancement in mice. AJPS. 2018 accepted. (**IF:4.56**)
55. Chi Y, Meng Y, Wang J, Wu Z, Li M, Wang D, Gao F, Geng B, Zhang W, Yang J\*. FAM3B (PANDER) functions as a co-activator of FOXO1 to promote gluconeogenesis in hepatocytes. 2018 J Cell Mol Med 2018 Nov 28. doi: 10.1111/jcmm.14073. [Epub ahead of print] (**IF:4.3**)
56. Feng B, Meng Y, Yang W, Geng B, Cui Q, Zhang H\*, Yang Y\* and Yang J\*. YY1-HSF1 axis is essential for FAM3C (ILEI)- and TGFβ-promoted proliferation and migration of breast cancer cells. 2018 J Cell Mol Med (in revision, IF:4.3)
57. Pan Y, Li Y, Gao L, Tong Z, Ye B, Liu S, Li B, Chen Y, Yang Q, Meng L, Wang Y, Liu G, Lu G, Li W, Li J. Development of a novel model of hypertriglyceridemic acute pancreatitis in mice. Sci Rep. 2017 Jan 12;7:40799 （**IF：4.259**）
58. Changting Cui; Chuanbo Huang; Kejia Liu; Guoheng Xu; Jichun Yang; Yong Zhou; Yingmei Feng; Georgios Kararigas; Bin Geng; Qinghua Cui. Large-scale in-silico identification of drugs exerting sex-specific effects in the heart. Journal of Translational Medicine. 2018; 16(1): 236. doi: 10.1186/s12967-018-1612-6.(**IF:4.197**)
59. Cui C, Huang C, Liu K, Xu G, Yang J, Zhou Y, Feng Y, Kararigas G, Geng B, and Cui Q. Large-scale in-silico identification of drugs exerting sex-specific effects in the heart. Journal of Translational Medicine. 2018 Aug 29;16(1):236. （**IF : 4.197**）
60. Shen Q, Yu C, Guo Y, Bian Z, Zhu N, Yang L, Chen Y, Luo G, Li J, Qin Y, Chen J, Chen Z, Lv J\*, Li L. Habitual Tea Consumption and Risk of Fracture in 0.5 Million Chinese Adults: A Prospective Cohort Study. Nutrients. 2018;10:1633.（**IF:4.196**）
61. Zeng P, Chen J, Meng Y, Zhou Y, Yang J\*, Cui Q\*. Defining essentiality score of protein-coding genes and long noncoding RNAs. 2018, Front Genet. 2018 Oct 9;9:380. Doi(**IF:4.151**)
62. Zeng P, Chen J, Meng Y, Zhou Y, Yang J, and Cui Q. Defining essentiality score of protein-coding genes and long noncoding RNAs. Frontiers in Genetics. 2018, 9:380. （**IF : 4.151**）
63. Tao CY, Liu XQ, Zhang CY, Chen YH\*, Huang YQ\*. Comments on 2018 CPCS guideline for diagnosis and treatment of syncope in children and adolescents. Sci Bull, 2019, 64(5): 291-292. (**IF:4.136**)
64. Huang C, Yang W, Wang J, Zhou Y, Geng B, Kararigas G, Yang J\*, and Cui Q\*. The DrugPattern tool for drug set enrichment analysis reveals beneficial effects of oxLDL on type 2 diabetes. J Genet Genomics. 2018 Jul 24. pii: S1673-8527(18)30122-X.(**IF:4.066**)
65. Huang C, Yang W, Wang J, Zhou Y, Geng B, Kararigas G, Yang J, and Cui Q. The DrugPattern tool for drug set enrichment analysis and its prediction for beneficial effects of oxLDL on type 2 diabetes. J Genet Genomics. 2018 Jul 24. pii: S1673-8527(18)30122-X. doi: 10.1016/j.jgg.2018.07.002. [Epub ahead of print] （**IF : 4.066**）
66. Yang DX, Xiao P, Li Q, Fu XL, Pan C, Lu D, Wen SS, Xia WY, He DF, Li H, Fang H, Shen YM, Xu ZG, Lin A, Yu X, Wu JW\*, Sun JP\*. Allosteric modulation of the catalytic VYD loop in Slingshot by its N-terminal domain underlies both Slingshot autoinhibition and activation. J Biol Chem. 2018 Oct 19;293(42):16226-16241.（**IF :4.0**）
67. Chen N, Liu J, Qiao Z, Liu Y, Yang Y, Jiang C, WANG X, Wang C\*..Chemical proteomic profiling of protein N-homocysteinylation with a thioester probe. Chem Sci. 2018;9:2826-2830. （**IF :4**)
68. Sun R, Cui C, Zhou Y, and Cui Q. AGD: Aneurysm Gene Database. DATABASE. 2018, 1-6. doi: 10.1093/database/bay100. （**IF : 3.978**）
69. Liu, Jia; Zhao, Mingming; Zhu, Yizhang; Wang, Xu; Zheng, Lemin; Yin, Yuxin. LC-MS-Based Metabolomics and Lipidomics Study of High-Density-Lipoprotein-Modulated Glucose Metabolism with an apoA-I Knockout Mouse Model. Journal of proteome research. 2018 Dec 13. doi: 10.1021/acs.jproteome.8b00290. [Epub ahead of print]. (**IF:3.95**)
70. Fangyuan Li, Jiang Zhou\*, Ming Xu, Gu Yuan\*，Exploration of G-quadruplex function in c-Myb gene and its transcriptional regulation by topotecan, International Journal of Biological Macromolecules 107 (2018) 1474–79. (**IF:3.909**)
71. Wang Y, Wang XL, Chen S, Tian XY, Zhang LL, Huang YQ, Tang CS, Du JB, Jin HF\*. Sulfur dioxide activates Cl-/HCO3- exchanger via sulphenylating AE2 to reduce intracellular ph in vascular smooth muscle cells. Front Pharmacol. 2019, 10:313. (**IF:3.831**)
72. Yang W, Chen J, Meng Y, Chen Z, Yang J\*. Novel targets for treating ischemia reperfusion injury in the liver. Int J Mol Sci. 2018 Apr 26;19(5). pii: E1302. doi: 10.3390/ijms19051302. **(IF:3.8**)
73. Zhang Z, H. Zhang, D. Liu, Y. Lu, X. Wang, P. Li, Y. Lou, B. Yang, Y. Lou, C. Lu, Q. Zhang, and G. Zhang (2018) Pharmacokinetics, Tissue Distribution and Excretion of a Novel Diuretic (PU-48) in Rats. Pharmaceutics 2018 Aug 8;10(3). pii: E124. doi: 10.3390/pharmaceutics10030124. (**IF: 3.746)**
74. Wang Q, Yin Y, Zhang W. Ghrelin Restores the Disruption of the Circadian Clock in Steatotic Liver. Int J Mol Sci. 2018 Oct 12;19(10). pii: E3134. doi: 10.3390/ijms19103134. （**IF:3.69**）
75. Wang J, He L, Huwatibieke B, Liu L, Lan H, Zhao J, Li Y, Zhang W. Ghrelin Stimulates Endothelial Cells Angiogenesis through Extracellular Regulated Protein Kinases (ERK) Signaling Pathway. Int J Mol Sci 2018;19: E2530 （**IF:3.69**）
76. Tao CY, Li XY, Tang CS, Jin HF, Du JB\*. Acceleration Index Predicts Efficacy of Orthostatic Training on Vasovagal Syncope in Children. J Pediatr. 2019 Apr;207:54-58. (**IF:3.667**)
77. Wang YY, Zhang CY, Chen S, Li XY, Jin H, Du J\*. Frequency Domain Indices of Heart Rate Variability are Useful for Differentiating Vasovagal Syncope and Postural Tachycardia Syndrome in Children. J Pediatr. 2019 Apr;207:59-63. (**IF:3.667**)
78. Zhou B\*, Li W\*, Zhao G, Yu B, Ma B, Liu Z, Xie N, Fu Y, Gong Z, Dai R, Zhang X#, Kong W#.Rapamycin prevents thoracic aortic aneurysm and dissection in mice. J Vasc Surg. 2018 Sep 22 online. (**IF:3.43**)
79. Ni XQ, Lu WW, Zhang JS, Zhu Q, Ren JL, Yu YR, Liu XY, Wang XJ, Han M, Jing Q, Du J, Tang CS, Qi YF\*. Inhibition of endoplasmic reticulum stress by intermedin1-53 attenuates angiotensin II–induced abdominal aortic aneurysm in ApoE KO Mice. Endocrine. 2018;62(1):90-106.131.(**IF:3.179**)
80. Quan W, Wang Y, Chen S, Du J\*. Orthostatic intolerance and coagulation abnormalities: an update. Neurosci Bull. 2019 Feb;35(1):171-177. (**IF:3.155** )
81. Wu RS, Song XM, Bai YC, Chen J, Liu S, Xu HB, Wang T, Feng BH, Zhang Y, Zhong LJ, Wang XM, Wu FC, Huang W\*. Are current Chinese national ambient air quality standards on 24-hour averages for particulate matters sufficient to protect public health? Journal of Environmental Sciences. 2018. 71:67-75. （**IF:3.120**）
82. Feng Y, Zhang Y, Xiao H. AMPK and cardiac remodeling. Science China-Life Sciences. 2018; 61(1):14-23. doi: 10.1007/s11427-017-9197-5 (Review). (IF: 3.1)
83. Huang W, Wang L, Li J, Liu M, Xu H, Liu S, Chen J, Zhang Y, Morishita M, Bard RL, Harkema JR, Rajagopalan S, Brook RD. Short-term blood pressure responses to ambient fine particulate matter exposures at the extremes of global air pollution concentrations. American Journal of Hypertension 2018; 31: 590-599. （**IF:3.046**）
84. Wan Y(#), Xu L(#), Wang YX, Tuerdi N, Ye M, Qi R\*. Preventive effects of astragaloside IV and its active sapogenin cycloastragenol on cardiac fibrosis of mice by inhibiting the NLRP3 inflammasome. Eur J Pharmacol. 2018 Aug 15;833:545-554. doi: 10.1016/j.ejphar.2018.06.016. (**IF:3.04**)
85. Wu D, Shi L, Li P, Ni X, Zhang J, Zhu Q, Qi Y\*, Wang B\*. Intermedin1-53 Protects Cardiac Fibroblasts by Inhibiting NLRP3 Inflammasome Activation During Sepsis. Inflammation. 2018; 41(2):505-514. (**IF:2.884**)
86. Zhang X, Wang Y, Shen W, Ma S, Chen W, Qi R. Rosa Rugosa Flavonoids Alleviate Myocardial Ischemia Reperfusion Injury in Mice by Suppressing JNK and p38 MAPK. Microcirculation. 2017 Oct , 24(7) (**IF:2.797**)
87. Wei LL, Chen Y, Yu QY, Wang Y, Liu G. Patchouli alcohol protects against ischemia/reperfusion-induced brain injury via inhibiting neuroinflammation in normal and obese mice. Brain Res. 2018 Mar 1;1682:61-70. Epub 2017 Dec 30 （**IF：2.746**）
88. Xue Y, Zhou Y, Zhang K, Li L, Kayoumu A, Chen L, Wang Y, Lu Z. Compound heterozygous mutations in electron transfer flavoprotein dehydrogenase identified in a young Chinese woman with late-onset glutaric aciduria type II. Lipids Health Dis. 2017 Sep , 26;16(1):185. (**IF:2.663**)
89. Xu Z, Wu J, Xin J, Feng Y, Hu G, Shen J, Li M, Zhang Y, Xiao H\*, Wang L\*.β3-adrenergic receptor activation induces TGFβ1 expression in cardiomyocytes via the PKG/JNK/c-Jun pathway. Biochem Biophys Res Commun. 2018 Sep 3;503(1):146-151. doi: 10.1016/j.bbrc.2018.05.200 (**IF: 2.6**)
90. Yuan F, Ma J, Xiang X, Lan H, Xu Y, Zhao J, Li Y, Zhang W. Improvement of Adipose Macrophage Polarization in High Fat Diet-Induced Obese GHSR Knockout Mice. Biomed Res Int 2018:4924325（**IF:2.58**）
91. Guo X, Liao J, Huang X, Wang Y, Huang W, Liu G. Reversal of adipose tissue loss by probucol in mice with deficiency of both scavenger receptor class B type 1 and LDL receptor on high fat diet. Biochem Biophys Res Commun. 2018 Mar 11;497(3):930-936. Epub 2017 May 15 （**IF：2.466**）
92. Liao J, Guo X, Wang M, Dong C, Gao M, Wang H, Kayoumu A, Shen Q, Wang Y, Wang F, Huang W, Liu G. Scavenger Receptor Class B Type 1 Deletion Led to Coronary Atherosclerosis and Ischemic Heart Disease in Low-density Lipoprotein Receptor Knockout Mice on Modified Western-type Diet. J Atheroscler Thromb. 2017 Feb 1;24(2):133-146 （**IF：2.442**）
93. Liao J, Guo X, Wang M, Gao M, Shen Q, Wang Y, Huang W, Liu G. Deficiency of scavenger receptor class B type 1 leads to increased atherogenesis with features of advanced fibroatheroma and expansive arterial remodeling. Cardiovasc Pathol. 2017 Mar - Apr;27:26-30 （**IF：2.359**）
94. Chen Y, Hua Y, Zhang C, Chen S, Zhang Q, Liao Y, Yan H, Wang Y, Liu P, Qi J, Liu X, Chen Y, Tang C, Jin H, Du J\*. Neutrophil-to-lymphocyte ratio predicts intravenous immunoglobulin-resistance in infants under 12-months old with Kawasaki disease. Front Pediatr. 2019,7:81. (**IF:2.335**)
95. Tao C, Chen S, Li H, Wang Y, Wang Y, Liu P, Liao Y, Zhang C, Tang C, Jin H, Du J\*. Value of immediate heart rate alteration from supine to upright in differential diagnosis between vasovagal syncope and postural tachycardia syndrome in children. Front Pediatr. 2018 Nov 19;6:343. (**IF:2.335**)
96. Aiju Tian, Chengzhi Yang, Baoling Zhu, Wenjing Wang，Kai Liu，Yunqi Jiang， Yuhui Qiao，Haian Fu, Zijian Li\*. PEG-coated gold nanoparticles improve cardiac function after myocardial infarction in mice. Can J Physiol Pharmacol. 2018, 96(12): 1318-1327, (**IF: 2.210**)
97. Juan Gao, Min Zhu, Rui‑Feng Liu, Jian‑Shu Zhang, Ming Xu\*. Cardiac hypertrophy is positively regulated by microRNA‑24 in rats, Chin Med J 2018; 131:1333-41. (**IF:1.596**)
98. Juan Gao, Min Zhu, Hai‑Yi Yu, Shi‑Qiang Wang, Xin‑Heng Feng, Ming Xu\*. Excitation‑Contraction coupling time is more sensitive in evaluating cardiac systolic function, Chin Med J 2018;131:1834-9. (**IF:1.596**)
99. Zhang QY, Jin HF, Chen S, Chen QH, Tang CS, Du JB, Huang YQ\*. Hydrogen sulfide regulating myocardial structure and function by targeting cardiomyocyte autophagy. Chin Med J (Engl). 2018 Apr 5;131(7):839-844. (IF:1.596)
100. Li HX, Zheng XC, Chen SY, Liao Y, Han ZH, Huang P, Sun CF, Liu J, Song JY, Tang CS, Du JB, Chen YH\*, Jin HF. Increased Endogenous Sulfur Dioxide Involved in the Pathogenesis of Postural Tachycardia Syndrome in Children: A Case-Control Study. Chin Med J (Engl). 2018 Feb 20;131(4):435-439. **(IF:1.596**)
101. Zhang LL, Du JB, Tang CS, Jin HF, Huang YQ\*. Inhibitory effects of sulfur dioxide on rat myocardial fibroblast proliferation and migration. Chin Med J (Engl). 2018 Jul 20;131(14):1715-1723. **(IF:1.596)**
102. Song J, Li H, Wang Y, Liu P, Li X, Tang C, Jin H\*, Du J\*. Left ventricular ejection fraction and fractional shortening are useful for the prediction of the therapeutic response to metoprolol in children with vasovagal syncope. Pediatr Cardiol. 2018 Oct;39(7):1366-1372. (**IF:1.54**)
103. Liu ZH, Li K, Ding YS, Qiu JX, Meng SS, Momin M, Liu SC, Yi TC, Li JP. Normalization ofplasma growth hormone alleviated malignant ventricular tachycardia in acromegaly.2018;15:547-550.
104. Huang W, Wang L, Li J, Liu M, Xu H, Liu S, Chen J, Zhang Y, Morishita M, Bard RL, Harkema JR, Rajagopalan S,Brook RD. Short-term Blood Pressure Responses to Ambient Fine Particulate Matter Exposures at the Extremes of Global Air Pollution Concentrations. Am J Hypertemsion 2018;31:590-599.
105. Ma X, Lu R, Gu N, Wei X, Bai G, Zhang J, Deng R, Feng N, Li J, Guo X. Polymorphisms in the Glucagon-Like Peptide 1 Receptor (GLP-1R) Gene Are Associated withthe Risk of Coronary Artery Disease in Chinese Han Patients with Type 2 Diabetes Mellitus: A Case-Control Study 2018;1054192
106. Yang MT (#), Yuan Y (#), Liu YH (#), Chen C, Cao YN, Qi R\*. Probucol nanostructured lipid carrier ameliorates elastase-induced abdominal aortic aneurysm in mice，Iran J Pharm Sci, 2018 accepted.
107. Shen WL(#), Yu F(#), Xu L, Chen C, Cao YN, Liu S, Han NY, Wang C, Qi R\*. Protective effects of tanshinone IIA derivative on myocardial ischemia/reperfusion injury in rats. J Chin Pharm Sci, 2018, 27 (1), 1–13.
108. Song Y, Feng W, Shi GM, Chen C, Zhang Y\*. RNA-binding protein HuR regulates hsa-let-7c expression by its RNA recognition motif. 生理学报. 2018; 70(1):1-8 PMID: 29492508.
109. 邵钫钰 冯娟\* 王宪. 抗磷脂抗体引起血管内皮细胞功能紊乱的机制及其病理生理意义. 生理科学进展. 2018; 49: 172-176.
110. 刘显平 冯娟\* 王宪. 线粒体心磷脂合成与转运及相关疾病. 生理科学进展. 2018; 49: 92-95.
111. 白瑾, 赵威, 刘燕娥, 徐昕晔, 徐维, 祖凌云, 徐顺霖, 高炜. 急性ST段抬高型心肌梗死患者直接经皮冠状动脉介入治疗运动后心率恢复与运动耐量及远期预后相关. 中国介入心脏病学杂志. 2018; (02)：74-79.
112. 丁蕾, 汪宇鹏\*, 郭丽君. 腔内影像技术指导支架内血栓预防及机制评价的研究进展. 中国心血管杂志. 2018，(05)：421-424.
113. 刘艳艳, 汪宇鹏\*, 祖凌云, 郑康, 李楠, 赵一鸣, 郑亚安. 高炜危重症患者建立骨髓腔内通路和中心静脉通路随机对照研究. 中华急诊医学杂志. 2018,27( 8):901-904.
114. 沈涛, 杨佩雷, 阿克胡·阿勒马斯, 李丹, 赵威\*, 高炜. 肌肉减少症与心血管疾病相关研究进展.中华心血管病杂志. 2018, 46(2):168-170.
115. 邢星, 何立芸, 李昭屏\*.冠状动脉微血管疾病对心室复极的影响.心血管病学进展.2018,39(5):717-720.
116. 王方芳, 韩江莉\*, 霍刚, 高炜. 浅谈医学研究生纵向班班主任管理经验与体会. 中国高等医学教育. 2018 ,3:130-131.
117. 赵梦林, 于婕, 祖凌云\*. 经鼻导管高流量氧疗应用于心力衰竭的研究进展.中国循环杂志. 2018, 33(4):407-410.
118. 胡希, 高炜\*. MiR-711的表达和功能研究进展. 生理科学进展. 2018，(03)：177-181.
119. 李莹, 徐伟仙\*, 郭丽君. 职业紧张与冠心病发病和预后的相关研究进展. 中国心血管杂志. 2018，(01)：77-80.
120. 王新宇, 王莹, 王晓华, 祖凌云\*, 高炜. 心脏磁共振成像技术评价完全性左束支传导阻滞对收缩性心力衰竭患者左心室的影响. 中国介入心脏病学杂志. 2018，(06)：325-329.
121. 温宁馨, 祖凌云\*, 王贵松, 牛杰, 张永珍, 韩江莉, 崔鸣, 高炜. 急性心肌梗死行血栓抽吸患者冠状动脉内微粒与外周血微粒中microRNA基因芯片的差异性表达分析. 中国介入心脏病学杂志. 2018，(01)：41-47.
122. 杨林承, 祖凌云\*, 高炜. PCSK9基因突变与冠心病. 中国介入心脏病学杂志. 2018，(08)：457-461.
123. 汪宇鹏, 徐顺霖\*, 姚思华, 刘丹, 沈涛, 赵威, 高炜. 老年冠心病患者骨骼肌质量比重与心肺耐力的相关性. 中华医学杂志. 2018，98(11)：831-836.
124. 白瑾, 刘书旺, 曾辉\*, 冯杰莉, 崔鸣, 郭丽君, 高炜. 心房颤动射频消融术后致急性肺水肿1 例.中国介入心脏病学杂志.2018,26( 6 ):352-354