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2006/09–2011/06
 2011/09–2014/06
 2014/09–2017/06

2017/07-2018/04	2017/07
2018/05-2020/12	2018/05
2021/01-	2021/01
2022/11-	2022/11

1. TLR4/MYD88/NF-50 U2004102 NSFC-
2. HPT PM_{2.5} SD 202300410312 5
3. “ - ” SCFAs 10 232102311071
4. PM_{2.5} XYBSKYZZ201806 20
5. Ras/Akt/TRHr PM_{2.5} THs 1
6. 218 U1904209 -
7. 20 51608155 -

8.	V2O5-WO3/TiO2 SCR		
	222102320316		
9.			212102311072
10.		CVD	
11.	PM _{2.5}		2019
	xyxskyz201930		
12.	PI3K/AKT	PM _{2.5}	2020
		xyxskyz202003	
13.	Nrf2/HO-1		2021
		xyxskyz202125	
14.	Ras/Akt/TRHr	PM _{2.5}	2021
		xyxskyz202132	
15.			
16.	“	”	

1. **Xinwen Dong** *, Sanqiao Yao, Lvfei Deng, Haibin Li, Fengquan Zhang, Jie Xu, Zhichun Li, Li Zhang, Jing Jiang, Weidong Wu *. Alterations in the gut microbiota and its metabolic profile of PM_{2.5} exposure-induced thyroid dysfunction rats [published online ahead of print, 2022 Jun 2]. *Sci Total Environ.* 2022;156402. doi:10.1016/j.scitotenv.2022.156402 IF:10.753
2. **Xinwen Dong***, Weidong Wu, Sanqiao Yao, Haibin Li, Zhichun Li, Li Zhang, Jing Jiang, Jie Xu, Fengquan Zhang. PM_{2.5} disrupts thyroid hormone homeostasis through activation of the hypothalamic-pituitary-thyroid (HPT) axis and induction of hepatic transthyretin in female rats. *Ecotoxicology and environmental safety.* 2021; 208:111720. IF:7.129
3. **Xinwen Dong**, Lvfei Deng, Sanqiao Yao, Weidong Wu, Jia Cao, Lei Sun, Yichun Bai, Haibin Li, Xiaogang Weng, Houcheng Ren, Wenjie Ren*. Protective effects of curcumin against thyroid hormone imbalance after gas explosion-induced traumatic brain injury. *Journal of Toxicology and Environmental Health - Part A*. 2021; 99(11):1117-1128. doi:10.1080/10807039.2021.1981172 IF:1.7

Rats: A UPLC-MS-based Serum Metabolomics Analysis. *Biomedical and environmental sciences*, 2021 Apr, 25.

11. Xinwen Dong, Lvfei Deng, Yaguang Su, Xiaofeng Han, Sanqiao Yao, Weidong Wu, Jia Cao, Linqiang Tian, Yichun Bai, Guizhi Wang, Wenjie Ren. Curcumin alleviates traumatic brain injury induced by gas explosion through modulating gut microbiota and suppressing the LPS/TLR4/MyD88/NF- κ B pathway. *Environ Sci Pollut Res Int.* 2024;31(1):1094-1113.

12. , , , , , , , . *

[J]. . 2021; 39(02): 137-142.

13. , , , , , , , , . *

[J]. . 2020.11.27

14. , *. [J]. ,2013,35(06):554-558.

15. , , , , , , , , . PM_{2.5} [A].

[C]. : ,2023:84-85.

16. , , , , , , , , , , , .

TLR4/MyD88/NF-

, 0 0 1 231.6075 582.259 Tm ([C]Tj 0 Tc 0 T T