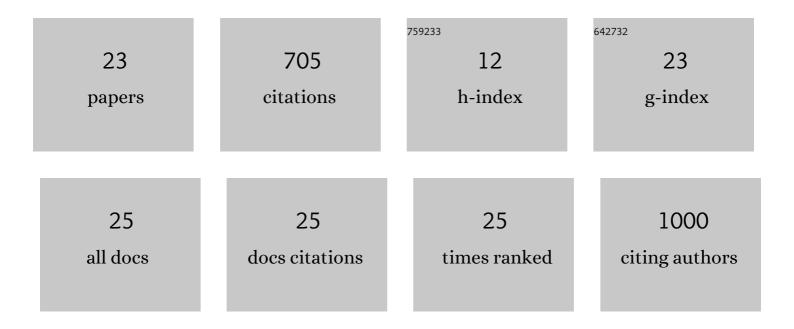
## Bei Liu

## List of Publications by Year in descending order

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RELLU

#	Article	IF	CITATIONS
1	Exosomes from nicotine-stimulated macrophages accelerate atherosclerosis through miR-21-3p/PTEN-mediated VSMC migration and proliferation. Theranostics, 2019, 9, 6901-6919.	10.0	245
2	Detection of the human prostate-specific antigen using an aptasensor with gold nanoparticles encapsulated by graphitized mesoporous carbon. Mikrochimica Acta, 2012, 178, 163-170.	5.0	95
3	Nicotine-mediated autophagy of vascular smooth muscle cell accelerates atherosclerosis via nAChRs/ROS/NF-κB signaling pathway. Atherosclerosis, 2019, 284, 1-10.	0.8	73
4	Rutin attenuates H 2 O 2 -induced oxidation damage and apoptosis in Leydig cells by activating PI3K/Akt signal pathways. Biomedicine and Pharmacotherapy, 2017, 88, 500-506.	5.6	51
5	Label-free sandwich type of immunosensor for hepatitis C virus core antigen based on the use of gold nanoparticles on a nanostructured metal oxide surface. Mikrochimica Acta, 2012, 178, 331-340.	5.0	37
6	Improved electrochemical immunosensor for myeloperoxidase in human serum based on nanogold/cerium dioxide-BMIMPF6/I-Cysteine composite film. Colloids and Surfaces B: Biointerfaces, 2011, 86, 339-344.	5.0	33
7	Preimplantation genetic diagnosis and screening (PGD/S) using a semiconductor sequencing platform. Human Genomics, 2019, 13, 1.	2.9	24
8	Disposable electrochemical immunosensor for myeloperoxidase based on the indium tin oxide electrode modified with an ionic liquid composite film containing gold nanoparticles, poly(o-phenylenediamine) and carbon nanotubes. Mikrochimica Acta, 2011, 173, 513-520.	5.0	21
9	Electrochemical mixed aptamer-antibody sandwich assay for mucin protein 16 detection through hybridization chain reaction amplification. Analytical and Bioanalytical Chemistry, 2020, 412, 7169-7178.	3.7	17
10	Amperometric Immunosensor for Myeloperoxidase in Human Serum Based on a Multi-wall Carbon Nanotubes-Ionic Liquid-Cerium Dioxide Film-modified Electrode. Bulletin of the Korean Chemical Society, 2010, 31, 3259-3264.	1.9	15
11	Electrochemical sandwich immunoassay for human epididymis-specific protein 4 using a screen-printed electrode modified with graphene sheets and gold nanoparticles, and applying a modular magnetic detector device produced by 3D laser sintering. Mikrochimica Acta, 2016, 183, 837-843.	5.0	14
12	Identification of a likely pathogenic structural variation in the LAMA1 gene by Bionano optical mapping. Npj Genomic Medicine, 2020, 5, 31.	3.8	14
13	Comprehensive genetic diagnosis of patients with Duchenne/Becker muscular dystrophy (DMD/BMD) and pathogenicity analysis of splice site variants in the DMD gene. Journal of Zhejiang University: Science B, 2019, 20, 753-765.	2.8	12
14	A feasible diagnostic approach for the translocation carrier from the indication of products of conception. Molecular Cytogenetics, 2018, 11, 12.	0.9	10
15	Detection of fetal subchromosomal aberration with cell-free DNA screening led to diagnosis of parental translocation: Review of 11344 consecutive cases in a university hospital. European Journal of Medical Genetics, 2019, 62, 115-123.	1.3	10
16	Amperometric sandwich immunoassay for determination of myeloperoxidase by using gold nanoparticles encapsulated in graphitized mesoporous carbon. Mikrochimica Acta, 2019, 186, 262.	5.0	10
17	Electrochemical determination of the activity of DNA methyltransferase based on the methyl binding domain protein and a customized modular detector. Mikrochimica Acta, 2019, 186, 229.	5.0	9
18	Gastroscopic Panoramic View: Application to Automatic Polyps Detection under Gastroscopy. Computational and Mathematical Methods in Medicine, 2019, 2019, 1-8.	1.3	4

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19	Modulation of Ca <sup>2+</sup> -induced Ca <sup>2+</sup> release by ubiquitin protein ligase E3 component n-recognin UBR3 and 6 in cardiac myocytes. Channels, 2020, 14, 326-335.	2.8	4
20	Novel deep intronic and frameshift mutations causing a TRIP11 â€related disorder. American Journal of Medical Genetics, Part A, 2021, 185, 2482-2487.	1.2	2
21	Expressions of TGF-β2, bFGF and ICAM-1 in lens epithelial cells of complicated cataract with silicone oil tamponade. International Journal of Ophthalmology, 2017, 10, 1034-1039.	1.1	2
22	Association between delayed transthoracic echocardiography and in-hospital mortality in type A acute aortic dissection-associated ST-segment elevated myocardial infarction. Journal of Thoracic Disease, 2021, 13, 2923-2932.	1.4	1
23	The association between the two more common genetic causes of spermatogenic failure: a 7-year retrospective study. Asian Journal of Andrology, 2020, 22, 642.	1.6	1