

# Fuqiang Wang

## List of Publications by Year in descending order

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38  
papers

1,048  
citations

393982

19  
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433756

31  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1920  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Lysosome-Targeted and Fluorescence-Turned On-Cytotoxicity Induced by Alkaline Phosphatase-Triggered Self-Assembly. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101346.  | 3.9  | 17        |
| 2  | Rab31, a receptor of advanced glycation end products (RAGE) interacting protein, inhibits AGE induced pancreatic $\beta$ -cell apoptosis through the pAKT/BCL2 pathway. <i>Endocrine Journal</i> , 2022, 69, 1015-1026.                                    | 0.7  | 3         |
| 3  | Receptor tyrosine kinases-instructed release of its inhibitor from hydrogel to delay ovarian aging. <i>Biomaterials</i> , 2021, 269, 120536.   | 5.7  | 11        |
| 4  | A supramolecular protein chaperone for vaccine delivery. <i>Theranostics</i> , 2020, 10, 657-670.  | 4.6  | 29        |
| 5  | $\beta$ -Galactosidase instructed supramolecular hydrogelation for selective identification and removal of senescent cells. <i>Chemical Communications</i> , 2019, 55, 7175-7178.  | 2.2  | 44        |
| 6  | Using Bioluminescence Turn-On To Detect Cysteine in Vitro and in Vivo. <i>Analytical Chemistry</i> , 2018, 90, 4951-4954.  | 3.2  | 63        |
| 7  | Immune Responsive Release of Tacrolimus to Overcome Organ Transplant Rejection. <i>Advanced Materials</i> , 2018, 30, e1805018.  | 11.1 | 58        |
| 8  | Supramolecular Nanofibers of Drug-Peptide Amphiphile and Affibody Suppress HER2+ Tumor Growth. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800899.   | 3.9  | 29        |
| 9  | Bioinformatics Analysis of Transcriptomic Data Reveals Refined Functional Networks for the Self-Renewal of Mouse Spermatogonial Stem Cells. <i>Stem Cells International</i> , 2018, 2018, 1-9.   | 1.2  | 2         |
| 10 | Bioluminescent Turn-On Probe for Sensing Hypochlorite in Vitro and in Tumors. <i>Analytical Chemistry</i> , 2017, 89, 5693-5696.   | 3.2  | 79        |
| 11 | Boronic Acid-Modified Magnetic Fe <sub>3</sub> O <sub>4</sub> @mTiO <sub>2</sub> Microspheres for Highly Sensitive and Selective Enrichment of N-Glycopeptides in Amniotic Fluid. <i>Scientific Reports</i> , 2017, 7, 4603.                               | 1.6  | 16        |
| 12 | Identification of novel biomarker and therapeutic target candidates for acute intracerebral hemorrhage by quantitative plasma proteomics. <i>Clinical Proteomics</i> , 2017, 14, 14.   | 1.1  | 16        |
| 13 | Mechanistic study of CBT-Cys click reaction and its application for identifying bioactive N-terminal cysteine peptides in amniotic fluid. <i>Chemical Science</i> , 2017, 8, 214-222.  | 3.7  | 40        |
| 14 | Nanocomputed Tomography Imaging of Bacterial Alkaline Phosphatase Activity with an Iodinated Hydrogelator. <i>Analytical Chemistry</i> , 2016, 88, 11982-11985.  | 3.2  | 27        |
| 15 | Mass Spectrometry-Based Protein Quantification. <i>Advances in Experimental Medicine and Biology</i> , 2016, 919, 255-279.   | 0.8  | 11        |
| 16 | Comparative proteomics of umbilical vein blood plasma from normal and gestational diabetes mellitus patients reveals differentially expressed proteins associated with childhood obesity. <i>Proteomics - Clinical Applications</i> , 2016, 10, 1122-1131. | 0.8  | 11        |
| 17 | Intracellular Self-Assembly of Cyclic $\alpha$ -Luciferin Nanoparticles for Persistent Bioluminescence Imaging of Fatty Acid Amide Hydrolase. <i>ACS Nano</i> , 2016, 10, 7147-7153.   | 7.3  | 48        |
| 18 | MaxReport: An Enhanced Proteomic Result Reporting Tool for MaxQuant. <i>PLoS ONE</i> , 2016, 11, e0152067.   | 1.1  | 12        |

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|----|---|-----|-----------|
| 19 | Mitochondrial Proteomics Approach Reveals Voltage-Dependent Anion Channel 1 (VDAC1) as a Potential Biomarker of Gastric Cancer. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 2339-2354.                    | 1.1 | 26        |
| 20 | Plasma membrane proteomic analysis of human Gastric Cancer tissues: revealing flotillin 1 as a marker for Gastric Cancer. <i>BMC Cancer</i> , 2015, 15, 367.  | 1.1 | 26        |
| 21 | Early second-trimester plasma protein profiling using multiplexed isobaric tandem mass tag (TMT) labeling predicts gestational diabetes mellitus. <i>Acta Diabetologica</i> , 2015, 52, 1103-1112.                    | 1.2 | 26        |
| 22 | MicroRNA-874 inhibits cell proliferation and induces apoptosis in human breast cancer by targeting CDK9. <i>FEBS Letters</i> , 2014, 588, 4527-4535.  | 1.3 | 56        |
| 23 | Maternal caffeine exposure impairs insulin secretion by pancreatic $\beta$ cells and increases the risk of type II diabetes mellitus in offspring. <i>Cell Biology International</i> , 2014, 38, 1183-1193.           | 1.4 | 7         |
| 24 | Lamin A/C proteins in the spermatid acroplaxome are essential in mouse spermiogenesis. <i>Reproduction</i> , 2014, 148, 479-487.  | 1.1 | 19        |
| 25 | Analysis of Genes and Proteins in <i>Acidithiobacillus ferrooxidans</i> During Growth and Attachment on Pyrite Under Different Conditions. <i>Geomicrobiology Journal</i> , 2013, 30, 255-267.                        | 1.0 | 9         |
| 26 | Tuning of Ti-doped mesoporous silica for highly efficient enrichment of phosphopeptides in human placenta mitochondria. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 1683-1693.                         | 1.9 | 13        |
| 27 | Comparative Proteome Profile of Human Placenta from Normal and Preeclamptic Pregnancies. <i>PLoS ONE</i> , 2013, 8, e78025.   | 1.1 | 22        |
| 28 | Comparative N-Glycoproteomic and Phosphoproteomic Profiling of Human Placental Plasma Membrane between Normal and Preeclampsia Pregnancies with High-Resolution Mass Spectrometry. <i>PLoS ONE</i> , 2013, 8, e80480. | 1.1 | 18        |
| 29 | Identification and Analysis of Multi-Protein Complexes in Placenta. <i>PLoS ONE</i> , 2013, 8, e62988.  | 1.1 | 18        |
| 30 | Comparative Proteomic Profiling of Human Bile Reveals SSP411 as a Novel Biomarker of Cholangiocarcinoma. <i>PLoS ONE</i> , 2012, 7, e47476.   | 1.1 | 65        |
| 31 | Epitope mapping of human VWF A3 recognized by monoclonal antibody SZ-123 and SZ-125 using MALDI mass spectrometry. <i>International Journal of Hematology</i> , 2011, 94, 241-247.                                    | 0.7 | 2         |
| 32 | Investigation of Human Testis Protein Heterogeneity Using 2-Dimensional Electrophoresis. <i>Journal of Andrology</i> , 2010, 31, 419-429.   | 2.0 | 32        |
| 33 | Comparative proteome profile during the early period of small-for-size liver transplantation in rats revealed the protective role of Prdx5. <i>Journal of Hepatology</i> , 2010, 53, 73-83.                           | 1.8 | 17        |
| 34 | Simultaneous detection of attomolar pathogen DNAs by Bio-MassCode mass spectrometry. <i>Chemical Communications</i> , 2010, 46, 8288.   | 2.2 | 18        |
| 35 | Evaluation of Blastomere Biopsy Using a Mouse Model Indicates the Potential High Risk of Neurodegenerative Disorders in the Offspring. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 1490-1500.                 | 2.5 | 50        |
| 36 | Comparative proteome profile of immature rat ovary during primordial follicle assembly and development. <i>Proteomics</i> , 2009, 9, 3425-3434.   | 1.3 | 16        |

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|----|---|-----|-----------|
| 37 | Proteomic Analysis of Changes Induced By Nonylphenol in Spragueâˆ™Dawley Rat Sertoli Cells. Chemical Research in Toxicology, 2009, 22, 668-675. | 1.7 | 36        |
| 38 | Protein Expression Profile of the Mouse Metaphase-II Oocyte. Journal of Proteome Research, 2008, 7, 4821-4830.                                  | 1.8 | 56        |