# Visith Thongboonkerd

List of Publications by Year
in descending order

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| 290 | 12,001 | 36271 | 37183 |
|---|---|---|---|
| papers | citations | 51 h-index | 96 g-index |

| 345 | 345 | 345 | 11543 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Assembly principles of the human R2TP chaperone complex reveal the presence of R2T and R2P complexes. Structure, 2022, 30, 156-171.e12. | 1.6 | 13 |
| 2 | ARID1A knockdown enhances carcinogenesis features and aggressiveness of Caco-2 colon cancer cells: An in vitro cellular mechanism study. Journal of Cancer, 2022, 13, 373-384. | 1.2 | 10 |
| 3 | Hyaluronic acid promotes calcium oxalate crystal growth, crystal-cell adhesion, and crystal invasion through extracellular matrix. Toxicology in Vitro, 2022, 80, 105320. | 1.1 | 3 |
| 4 | Gelâ€Based and Gelâ€Free Phosphoproteomics to Measure and Characterize Mitochondrial Phosphoproteins. Current Protocols, 2022, 2, e390. | 1.3 | 7 |
| 5 | Systematic analysis of modulating activities of native human urinary Tamm-Horsfall protein on calcium oxalate crystallization, growth, aggregation, crystal-cell adhesion and invasion through extracellular matrix. Chemico-Biological Interactions, 2022, 357, 109879. | 1.7 | 18 |
| 6 | Trigonelline prevents kidney stone formation processes by inhibiting calcium oxalate crystallization, growth and crystal-cell adhesion, and downregulating crystal receptors. Biomedicine and Pharmacotherapy, 2022, 149, 112876. | 2.5 | 16 |
| 7 | Induction of mesenchymal-epithelial transition (MET) by epigallocatechin-3-gallate to reverse epithelial-mesenchymal transition (EMT) in SNAI1-overexpressed renal cells: A potential anti-fibrotic strategy. Journal of Nutritional Biochemistry, 2022, 107, 109066. | 1.9 | 7 |
| 8 | Oxidized forms of uromodulin promote calcium oxalate crystallization and growth, but not aggregation. International Journal of Biological Macromolecules, 2022, 214, 542-553. | 3.6 | 6 |
| 9 | Persistent Escherichia coli infection in renal tubular cells enhances calcium oxalate crystalâ€“cell adhesion by inducing ezrin translocation to apical membranes via Rho/ROCK pathway. Cellular and Molecular Life Sciences, 2022, 79, . | 2.4 | 6 |
| 10 | The divergent roles of exosomes in kidney diseases: Pathogenesis, diagnostics, prognostics and therapeutics. International Journal of Biochemistry and Cell Biology, 2022, 149, 106262. | 1.2 | 9 |
| 11 | Exosome-inflammasome crosstalk and their roles in inflammatory responses. Theranostics, 2021, 11, 4436-4451. | 4.6 | 83 |
| 12 | What can urinary exosomes tell us?. Cellular and Molecular Life Sciences, 2021, 78, 3265-3283. | 2.4 | 26 |
| 13 | Optimization of artificial urine formula for in vitro cellular study compared with native urine. International Journal of Medical Sciences, 2021, 18, 3271-3279. | 1.1 | 4 |
| 14 | Exosome-Derived Mediators as Potential Biomarkers for Cardiovascular Diseases: A Network Approach. Proteomes, 2021, 9, 8. | 1.7 | 21 |
| 15 | Urinary extracellular vesicles: A position paper by the Urine Task Force of the International Society for Extracellular Vesicles. Journal of Extracellular Vesicles, 2021, 10, e12093. | 5.5 | 182 |
| 16 | ARID1A knockdown in human endothelial cells directly induces angiogenesis by regulating angiopoietin-2 secretion and endothelial cell activity. International Journal of Biological Macromolecules, 2021, 180, 1-13. | 3.6 | 14 |
| 17 | Kidney stone proteomics: an update and perspectives. Expert Review of Proteomics, 2021, 18, 557-569. | 1.3 | 12 |
| 18 | How can artificial intelligence be used for peptidomics?. Expert Review of Proteomics, 2021, 18, 527-556. | 1.3 | 7 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Effects of secretome derived from macrophages exposed to calcium oxalate crystals on renal fibroblast activation. Communications Biology, 2021, 4, 959. | 2.0 | 18 |
| 20 | Calcium oxalate monohydrate crystal disrupts tight junction via F-actin reorganization. Chemico-Biological Interactions, 2021, 345, 109557. | 1.7 | 8 |
| 21 | Dual modulatory effects of diosmin on calcium oxalate kidney stone formation processes: Crystallization, growth, aggregation, crystal-cell adhesion, internalization into renal tubular cells, and invasion through extracellular matrix. Biomedicine and Pharmacotherapy, 2021, 141, 111903. | 2.5 | 10 |
| 22 | Peptidomics and proteogenomics: background, challenges and future needs. Expert Review of Proteomics, 2021, 18, 643-659. | 1.3 | 6 |
| 23 | Oxidative Modifications Switch Modulatory Activities of Urinary Proteins From Inhibiting to Promoting Calcium Oxalate Crystallization, Growth, and Aggregation. Molecular and Cellular Proteomics, 2021, 20, 100151. | 2.5 | 13 |
| 24 | Caffeine prevents oxalate-induced epithelial-mesenchymal transition of renal tubular cells by its anti-oxidative property through activation of Nrf2 signaling and suppression of Snail1 transcription factor. Biomedicine and Pharmacotherapy, 2021, 141, 111870. | 2.5 | 13 |
| 25 | Epigallocatechin-3-gallate plays more predominant roles than caffeine for inducing actin-crosslinking, ubiquitin/proteasome activity and glycolysis, and suppressing angiogenesis features of human endothelial cells. Biomedicine and Pharmacotherapy, 2021, 141, 111837. | 2.5 | 10 |
| 26 | Application of tandem fast protein liquid chromatography to purify intact native monomeric/aggregated Tammâ€“Horsfall protein from human urine and systematic comparisons with diatomaceous earth adsorption and salt precipitation: yield, purity and time-consumption. Analytical Methods, 2021, 13, 3359-3367. | 1.3 | 5 |
| 27 | Editorial: Immunity and Inflammatory Response in Kidney Stone Disease. Frontiers in Immunology, 2021, 12, 795559. | 2.2 | 6 |
| 28 | Complex systems analysis by integrative omics. Blood, 2021, 138, 2448-2450. | 0.6 | 0 |
| 29 | Epigallocatechin-3-gallate prevents TGF-Î²1-induced epithelial-mesenchymal transition and fibrotic changes of renal cells via GSK-3Î²/Î²-catenin/Snail1 and Nrf2 pathways. Journal of Nutritional Biochemistry, 2020, 76, 108266. | 1.9 | 31 |
| 30 | Protective roles of trigonelline against oxalate-induced epithelial-to-mesenchymal transition in renal tubular epithelial cells: An in vitro study. Food and Chemical Toxicology, 2020, 135, 110915. | 1.8 | 25 |
| 31 | Highly effective methods for expression/purification of recombinant human HSP90 and its four distinct (N-LR-M-C) domains. Analytical Biochemistry, 2020, 590, 113518. | 1.1 | 3 |
| 32 | P0131HIGH-DOSE URIC ACID ALTERS CELLULAR PROTEOME, INCREASES INTRACELLULAR ATP, ENHANCES TISSUE REPAIR CAPABILITY AND INCREASES CALCIUM OXALATE CRYSTAL-BINDING CAPABILITY OF RENAL TUBULAR CELLS: IMPLICATIONS TO HYPERURICOSURIA-INDUCED KIDNEY STONE DISEASE. Nephrology Dialysis Transplantation, 2020, 35, . | 0.4 | 0 |
| 33 | Effects of high-dose uric acid on cellular proteome, intracellular ATP, tissue repairing capability and calcium oxalate crystal-binding capability of renal tubular cells: Implications to hyperuricosuria-induced kidney stone disease. Chemico-Biological Interactions, 2020, 331, 109270. | 1.7 | 17 |
| 34 | Effects of Hyaluronic Acid on Calcium Oxalate Crystallization, Growth, Aggregation, Adhesion on Renal Tubular Cells, and Invasion Through Extracellular Matrix. Current Developments in Nutrition, 2020, 4, nzaa040_013. | 0.1 | 2 |
| 35 | Mitochondrial Dysfunction and Kidney Stone Disease. Frontiers in Physiology, 2020, 11, 566506. | 1.3 | 39 |
| 36 | StoneMod: a database for kidney stone modulatory proteins with experimental evidence. Scientific Reports, 2020, 10, 15109. | 1.6 | 15 |

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| 37 | Differential bound proteins and adhesive capabilities of calcium oxalate monohydrate crystals with various sizes. International Journal of Biological Macromolecules, 2020, 163, 2210-2223. | 3.6 | 18 |
| 38 | High glucose induces phosphorylation and oxidation of mitochondrial proteins in renal tubular cells: A proteomics approach. Scientific Reports, 2020, 10, 5843. | 1.6 | 19 |
| 39 | Highly effective methods for expression/purification of recombinant human HSP90 and its four distinct (Nâ€LRâ€Mâ€C) domains. FASEB Journal, 2020, 34, 1-1. | 0.2 | 0 |
| 40 | High-glucose-induced changes in macrophage secretome: regulation of immune response. Molecular and Cellular Biochemistry, 2019, 452, 51-62. | 1.4 | 4 |
| 41 | ARID1A knockdown triggers epithelialâ€mesenchymal transition and carcinogenesis features of renal cells: role in renal cell carcinoma. FASEB Journal, 2019, 33, 12226-12239. | 0.2 | 30 |
| 42 | Cellular proteome datasets of human endothelial cells under physiologic state and after treatment with caffeine and epigallocatechin-3-gallate. Data in Brief, 2019, 25, 104292. | 0.5 | 6 |
| 43 | Protective effects of finasteride against testosterone-induced calcium oxalate crystallization and crystal-cell adhesion. Journal of Biological Inorganic Chemistry, 2019, 24, 973-983. | 1.1 | 21 |
| 44 | Caffeine inhibits hypoxia-induced renal fibroblast activation by antioxidant mechanism. Cell Adhesion and Migration, 2019, 13, 259-271. | 1.1 | 28 |
| 45 | Proteomic analysis of peripheral blood polymorphonuclear cells (PBMCs) reveals alteration of neutrophil extracellular trap (NET) components in uncontrolled diabetes. Molecular and Cellular Biochemistry, 2019, 461, 1-14. | 1.4 | 11 |
| 46 | Protective Cellular Mechanism of Estrogen Against Kidney Stone Formation: A Proteomics Approach and Functional Validation. Proteomics, 2019, 19, 1900095. | 1.3 | 25 |
| 47 | FP080Epigallocatechin-3-gallate prevents TGF-Î²1-induced epithelial-mesenchymal transition and fibrotic changes of renal cells via GSK-3Î²/Î²-catenin/Snail1 and Nrf2 pathways. Nephrology Dialysis Transplantation, 2019, 34, . | 0.4 | 0 |
| 48 | Flagellum Is Responsible for Promoting Effects of Viable Escherichia coli on Calcium Oxalate Crystallization, Crystal Growth, and Crystal Aggregation. Frontiers in Microbiology, 2019, 10, 2507. | 1.5 | 31 |
| 49 | Proteomics of Crystalâ€“Cell Interactions: A Model for Kidney Stone Research. Cells, 2019, 8, 1076. | 1.8 | 46 |
| 50 | Molecular Mechanisms of Epigallocatechin-3-Gallate for Prevention of Chronic Kidney Disease and Renal Fibrosis: Preclinical Evidence. Current Developments in Nutrition, 2019, 3, nzz101. | 0.1 | 25 |
| 51 | Modulatory effects of fibronectin on calcium oxalate crystallization, growth, aggregation, adhesion on renal tubular cells, and invasion through extracellular matrix. Journal of Biological Inorganic Chemistry, 2019, 24, 235-246. | 1.1 | 27 |
| 52 | Comparative proteomics reveals concordant and discordant biochemical effects of caffeine versus epigallocatechin-3-gallate in human endothelial cells. Toxicology and Applied Pharmacology, 2019, 378, 114621. | 1.3 | 13 |
| 53 | Proteomics in Psoriasis. International Journal of Molecular Sciences, 2019, 20, 1141. | 1.8 | 19 |
| 54 | Caffeine and Kidney Diseases. , 2019, , 235-256. | | 0 |

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| 55 | Protective Effects of Epigallocatechin-3-Gallate from Green Tea in Various Kidney Diseases. Advances in Nutrition, 2019, 10, 112-121. | 2.9 | 56 |
| 56 | Roles for Exosome in Various Kidney Diseases and Disorders. Frontiers in Pharmacology, 2019, 10, 1655. | 1.6 | 88 |
| 57 | Heat Shock Protein 90 in Kidney Stone Disease. Heat Shock Proteins, 2019, , 575-589. | 0.2 | 0 |
| 58 | Heat Shock Protein 60 in Skin Diseases. Heat Shock Proteins, 2019, , 347-359. | 0.2 | 0 |
| 59 | Modulatory effects of fibronectin on calcium oxalate crystallization, growth, aggregation, adhesion on renal tubular cells, and invasion through extracellular matrix. FASEB Journal, 2019, 33, 631.41. | 0.2 | 1 |
| 60 | Protein Network Analysis and Functional Studies of Calcium Oxalate Crystalâ€Induced Cytotoxicity in Renal Tubular Epithelial Cells. Proteomics, 2018, 18, e1800008. | 1.3 | 38 |
| 61 | Quantitative peptidomics of endogenous peptides involved in TGF-Î²1-induced epithelial mesenchymal transition of renal epithelial cells. Cell Death Discovery, 2018, 4, 9. | 2.0 | 13 |
| 62 | Differential proteomics of lesional vs. non-lesional biopsies revealed non-immune mechanisms of alopecia areata. Scientific Reports, 2018, 8, 521. | 1.6 | 19 |
| 63 | Heat Shock Protein 70 (HSP70) Family in Dengue Virus Infection. Heat Shock Proteins, 2018, , 395-409. | 0.2 | 4 |
| 64 | Lime powder treatment reduces urinary excretion of total protein and transferrin but increases uromodulin excretion in patients with urolithiasis. Urolithiasis, 2018, 46, 257-264. | 1.2 | 13 |
| 65 | K<sup>+</sup>deficiency caused defects in renal tubular cell proliferation, oxidative stress response, tissue repair and tight junction integrity, but enhanced energy production, proteasome function and cellular K<sup>+</sup>uptake. Cell Adhesion and Migration, 2018, 12, 247-258. | 1.1 | 12 |
| 66 | Characterizations of PMCA2-interacting complex and its role as a calcium oxalate crystal-binding protein. Cellular and Molecular Life Sciences, 2018, 75, 1461-1482. | 2.4 | 23 |
| 67 | Cell cycle shift from G0/G1 to S and G2/M phases is responsible for increased adhesion of calcium oxalate crystals on repairing renal tubular cells at injured site. Cell Death Discovery, 2018, 4, 106. | 2.0 | 25 |
| 68 | Characterizations of HSP90â€Interacting Complex in Renal Cells Using Tandem Affinity Purification and Its Potential Role in Kidney Stone Formation. Proteomics, 2018, 18, e1800004. | 1.3 | 8 |
| 69 | More complete polarization of renal tubular epithelial cells by artificial urine. Cell Death Discovery, 2018, 4, 47. | 2.0 | 20 |
| 70 | The humoral immunity to epidermal and dermal antigens in psoriasis: a downstream rather than an upstream event. Clinical and Experimental Medicine, 2018, 18, 453-456. | 1.9 | 2 |
| 71 | SP056ROLES OF MACROPHAGE EXOSOMES IN IMMUNE RESPONSE TO CALCIUM OXALATE MONOHYDRATE CRYSTALS IN KIDNEY STONE DISEASE. Nephrology Dialysis Transplantation, 2018, 33, i364-i364. | 0.4 | 0 |
| 72 | Exosomes derived from calcium oxalate-exposed macrophages enhance IL-8 production from renal cells, neutrophil migration and crystal invasion through extracellular matrix. Journal of Proteomics, 2018, 185, 64-76. | 1.2 | 54 |

| # | ARTICLE | IF | CITATIONS |
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| 73 | Roles of Macrophage Exosomes in Immune Response to Calcium Oxalate Monohydrate Crystals. Frontiers in Immunology, 2018, 9, 316. | 2.2 | 77 |
| 74 | Chaperonomics in leptospirosis. Expert Review of Proteomics, 2018, 15, 569-579. | 1.3 | 0 |
| 75 | Caffeine in Kidney Stone Disease: Risk or Benefit?. Advances in Nutrition, 2018, 9, 419-424. | 2.9 | 30 |
| 76 | Molecular functional analyses revealed essential roles of HSP90 and lamin A/C in growth, migration, and self-aggregation of dermal papilla cells. Cell Death Discovery, 2018, 4, 53. | 2.0 | 9 |
| 77 | Urinary Lipidomics. Translational Bioinformatics, 2018, , 97-111. | 0.0 | 1 |
| 78 | Prolonged K+ deficiency increases intracellular ATP, cell cycle arrest and cell death in renal tubular cells. Metabolism: Clinical and Experimental, 2017, 74, 47-61. | 1.5 | 17 |
| 79 | Prospects for proteomics in kidney stone disease. Expert Review of Proteomics, 2017, 14, 185-187. | 1.3 | 24 |
| 80 | Role of HSP60 (HSPD1) in diabetesâ€induced renal tubular dysfunction: regulation of intracellular protein aggregation, ATP production, and oxidative stress. FASEB Journal, 2017, 31, 2157-2167. | 0.2 | 38 |
| 81 | Response of renal tubular cells to differential types and doses of calcium oxalate crystals: Integrative proteome network analysis and functional investigations. Proteomics, 2017, 17, 1700192. | 1.3 | 31 |
| 82 | Differential colony size, cell length, and cellular proteome of Escherichia coli isolated from urine vs. stone nidus of kidney stone patients. Clinica Chimica Acta, 2017, 466, 112-119. | 0.5 | 22 |
| 83 | Physiologic changes of urinary proteome by caffeine and excessive water intake. Clinical Chemistry and Laboratory Medicine, 2017, 55, 993-1002. | 1.4 | 12 |
| 84 | Front Cover: Response of renal tubular cells to differential types and doses of calcium oxalate crystals: Integrative proteome network analysis and functional investigations. Proteomics, 2017, 17, 1770121. | 1.3 | 1 |
| 85 | Targeted functional investigations guided by integrative proteome network analysis revealed significant perturbations of renal tubular cell functions induced by high glucose. Proteomics, 2017, 17, 1700151. | 1.3 | 7 |
| 86 | Systematic evaluation for effects of urine pH on calcium oxalate crystallization, crystal-cell adhesion and internalization into renal tubular cells. Scientific Reports, 2017, 7, 1798. | 1.6 | 76 |
| 87 | Development and evaluation of an immunochromatographic assay to detect serum anti-leptospiral lipopolysaccharide IgM in acute leptospirosis. Scientific Reports, 2017, 7, 2309. | 1.6 | 10 |
| 88 | Elongation factor Tu on Escherichia coli isolated from urine of kidney stone patients promotes calcium oxalate crystal growth and aggregation. Scientific Reports, 2017, 7, 2953. | 1.6 | 52 |
| 89 | Microvillar injury in renal tubular epithelial cells induced by calcium oxalate crystal and the protective role of epigallocatechinâ€3â€gallate. FASEB Journal, 2017, 31, 120-131. | 0.2 | 30 |
| 90 | Hypobaric hypoxia down-regulated junctional protein complex: Implications to vascular leakage. Cell Adhesion and Migration, 2017, 11, 360-366. | 1.1 | 8 |

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| 91 | Heat Shock Proteins in Leptospirosis. Heat Shock Proteins, 2017, , 361-374. | 0.2 | 1 |
| 92 | Defining and Systematic Analyses of Aggregation Indices to Evaluate Degree of Calcium Oxalate Crystal Aggregation. Frontiers in Chemistry, 2017, 5, 113. | 1.8 | 23 |
| 93 | MP502TARGETED FUNCTIONAL INVESTIGATIONS GUIDED BY INTEGRATIVE PROTEOME NETWORK ANALYSIS REVEALED SIGNIFICANT PERTURBATIONS OF RENAL TUBULAR CELL FUNCTIONS INDUCED BY HIGH-GLUCOSE: IMPLICATIONS TO DIABETIC NEPHROPATHY. Nephrology Dialysis Transplantation, 2017, 32, iii613-iii613. | 0.4 | 0 |
| 94 | Differential human urinary lipid profiles using various lipid-extraction protocols: MALDI-TOF and LIFT-TOF/TOF analyses. Scientific Reports, 2016, 6, 33756. | 1.6 | 22 |
| 95 | Caffeine prevents kidney stone formation by translocation of apical surface annexin A1 crystal-binding protein into cytoplasm: In vitro evidence. Scientific Reports, 2016, 6, 38536. | 1.6 | 48 |
| 96 | Caveolae-mediated albumin transcytosis is enhanced in dengue-infected human endothelial cells: A model of vascular leakage in dengue hemorrhagic fever. Scientific Reports, 2016, 6, 31855. | 1.6 | 23 |
| 97 | Alpha-tubulin enhanced renal tubular cell proliferation and tissue repair but reduced cell death and cell-crystal adhesion. Scientific Reports, 2016, 6, 28808. | 1.6 | 27 |
| 98 | Surface heat shock protein 90 serves as a potential receptor for calcium oxalate crystal on apical membrane of renal tubular epithelial cells. Journal of Biological Inorganic Chemistry, 2016, 21, 463-474. | 1.1 | 31 |
| 99 | Cellufine sulfate column chromatography as a simple, rapid, and effective method to purify dengue virus. Journal of Virological Methods, 2016, 234, 174-177. | 1.0 | 8 |
| 100 | Phenotypic characteristics and comparative proteomics of Staphylococcus aureus strains with different vancomycin-resistance levels. Diagnostic Microbiology and Infectious Disease, 2016, 86, 340-344. | 0.8 | 7 |
| 101 | Alpha-enolase on apical surface of renal tubular epithelial cells serves as a calcium oxalate crystal receptor. Scientific Reports, 2016, 6, 36103. | 1.6 | 23 |
| 102 | Calcium oxalate crystals increased enolase-1 secretion from renal tubular cells that subsequently enhanced crystal and monocyte invasion through renal interstitium. Scientific Reports, 2016, 6, 24064. | 1.6 | 28 |
| 103 | Protective effect of epigallocatechin-3-gallate (EGCG) via Nrf2 pathway against oxalate-induced epithelial mesenchymal transition (EMT) of renal tubular cells. Scientific Reports, 2016, 6, 30233. | 1.6 | 86 |
| 104 | MP076AN IN VITRO EVIDENCE OF PROMOTING EFFECT OF TESTOSTERONE IN KIDNEY STONE DISEASE: A PROTEOMICS APPROACH AND FUNCTIONAL VALIDATION. Nephrology Dialysis Transplantation, 2016, 31, i368-i368. | 0.4 | 0 |
| 105 | In vitro evidence of the promoting effect of testosterone in kidney stone disease: A proteomics approach and functional validation. Journal of Proteomics, 2016, 144, 11-22. | 1.2 | 24 |
| 106 | Alterations of proteins in MDCK cells during acute potassium deficiency. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 683-696. | 1.1 | 2 |
| 107 | Characterizations of heparin-binding proteins in human urine by affinity purification-mass spectrometry and defining â€œL-x(2,3)-A-x(0,1)-Lâ€•as a novel heparin-binding motif. Journal of Proteomics, 2016, 142, 53-61. | 1.2 | 12 |
| 108 | EGCG decreases binding of calcium oxalate monohydrate crystals onto renal tubular cells via decreased surface expression of alpha-enolase. Journal of Biological Inorganic Chemistry, 2016, 21, 339-346. | 1.1 | 22 |

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| 109 | Characterization of calcium oxalate crystal-induced changes in the secretome of U937 human monocytes. Molecular BioSystems, 2016, 12, 879-889. | 2.9 | 11 |
| 110 | Calcium oxalate monohydrate crystals internalized into renal tubular cells are degraded and dissolved by endolysosomes. Chemico-Biological Interactions, 2016, 246, 30-35. | 1.7 | 28 |
| 111 | Lamin A/C in renal tubular cells is important for tissue repair, cell proliferation, and calcium oxalate crystal adhesion, and is associated with potential crystal receptors. FASEB Journal, 2016, 30, 3368-3377. | 0.2 | 32 |
| 112 | Unraveling epigenetic regulation of epithelial mesenchymal transition. Translational Cancer Research, 2016, 5, S1177-S1180. | 0.4 | 3 |
| 113 | SP094ROLES OF ALPHA-TUBULIN IN RENAL TUBULAR EPITHELIAL CELL FOR CELL VIABILITY, PROLIFERATION, TISSUE REPAIR AND CRYSTAL ADHESION IN CALCIUM OXALATE KIDNEY STONE DISEASE. Nephrology Dialysis Transplantation, 2015, 30, iii409-iii410. | 0.4 | 0 |
| 114 | Activated Status and Altered Functions of Neutrophils in Poorly Controlled Diabetes. Journal of the ASEAN Federation of Endocrine Societies, 2015, 30, 9-17. | 0.1 | 5 |
| 115 | Recent Advances of Proteomics Applied to Human Diseases. Journal of Proteome Research, 2014, 13, 4493-4496. | 1.8 | 9 |
| 116 | Genome-wide Proteomics, Chromosome-centric Human Proteome Project (C-HPP), Part II. Journal of Proteome Research, 2014, 13, 1-4. | 1.8 | 21 |
| 117 | Identification and Characterization of Proteins Encoded by Chromosome 12 as Part of Chromosome-centric Human Proteome Project. Journal of Proteome Research, 2014, 13, 3166-3177. | 1.8 | 11 |
| 118 | Chromosome-centric Human Proteome Project: Deciphering Proteins Associated with Glioma and Neurodegenerative Disorders on Chromosome 12. Journal of Proteome Research, 2014, 13, 3178-3190. | 1.8 | 23 |
| 119 | Chromosome-centric Human Proteome Project (C-HPP): Chromosome 12. Journal of Proteome Research, 2014, 13, 3160-3165. | 1.8 | 4 |
| 120 | Enamelâ€renalâ€gingival syndrome and FAM20A mutations. American Journal of Medical Genetics, Part A, 2014, 164, 1-9. | 0.7 | 47 |
| 121 | Profiling the Mitochondrial Proteome of Leberâ€™s Hereditary Optic Neuropathy (LHON) in Thailand: Down-Regulation of Bioenergetics and Mitochondrial Protein Quality Control Pathways in Fibroblasts with the 11778G>A Mutation. PLoS ONE, 2014, 9, e106779. | 1.1 | 16 |
| 122 | Secreted Products of Macrophages Exposed to Calcium Oxalate Crystals Induce Epithelial Mesenchymal Transition of Renal Tubular Cells via RhoA-Dependent TGF-Î²1 Pathway. Cell Biochemistry and Biophysics, 2013, 67, 1207-1215. | 0.9 | 26 |
| 123 | Macropinocytosis is the Major Mechanism for Endocytosis of Calcium Oxalate Crystals into Renal Tubular Cells. Cell Biochemistry and Biophysics, 2013, 67, 1171-1179. | 0.9 | 45 |
| 124 | Differential plasma proteome profiles of mild versus severe Î²-thalassemia/Hb E. Annals of Hematology, 2013, 92, 365-377. | 0.8 | 12 |
| 125 | Bacteria can promote calcium oxalate crystal growth and aggregation. Journal of Biological Inorganic Chemistry, 2013, 18, 299-308. | 1.1 | 65 |
| 126 | Cellular adaptive response of distal renal tubular cells to high-oxalate environment highlights surface alpha-enolase as the enhancer of calcium oxalate monohydrate crystal adhesion. Journal of Proteomics, 2013, 80, 55-65. | 1.2 | 31 |

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| 127 | Alterations in Macrophage Cellular Proteome Induced by Calcium Oxalate Crystals: The Association of HSP90 and F-Actin Is Important for Phagosome Formation. Journal of Proteome Research, 2013, 12, 3561-3572. | 1.8 | 24 |
| 128 | The promise and challenge of systems biology in translational medicine. Clinical Science, 2013, 124, 389-390. | 1.8 | 4 |
| 129 | Characterization of Monoclonal Antibodies Against a Human Chondrocyte Surface Antigen. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2013, 32, 180-186. | 0.8 | 5 |
| 130 | p38 MAPK mediates calcium oxalate crystal-induced tight junction disruption in distal renal tubular epithelial cells. Scientific Reports, 2013, 3, 1041. | 1.6 | 51 |
| 131 | Protective Effects of Mangosteen Extract on H2O2-Induced Cytotoxicity in SK-N-SH Cells and Scopolamine-Induced Memory Impairment in Mice. PLoS ONE, 2013, 8, e85053. | 1.1 | 39 |
| 132 | Human Body Fluid. BioMed Research International, 2013, 2013, 1-2. | 0.9 | 13 |
| 133 | Serum proteins in chronic hepatitis B patients treated with peginterferon alfa-2b. World Journal of Gastroenterology, 2013, 19, 5067. | 1.4 | 5 |
| 134 | Phosphate inhibits calcium oxalate crystal growth and crystallization through reducing free calcium ions: a morphological analysis and calcium consumption assay. Clinical Chemistry and Laboratory Medicine, 2012, 50, 1697-8. | 1.4 | 3 |
| 135 | Extensive characterizations of bacteria isolated from catheterized urine and stone matrices in patients with nephrolithiasis. Nephrology Dialysis Transplantation, 2012, 27, 4125-4130. | 0.4 | 89 |
| 136 | Characterizations and proteome analysis of platelet-free plasma-derived microparticles in Î²-thalassemia/hemoglobin E patients. Journal of Proteomics, 2012, 76, 239-250. | 1.2 | 39 |
| 137 | High Calcium Enhances Calcium Oxalate Crystal Binding Capacity of Renal Tubular Cells via Increased Surface Annexin A1 but Impairs Their Proliferation and Healing. Journal of Proteome Research, 2012, 11, 3650-3663. | 1.8 | 31 |
| 138 | Systematic comparisons of various spectrophotometric and colorimetric methods to measure concentrations of protein, peptide and amino acid: Detectable limits, linear dynamic ranges, interferences, practicality and unit costs. Talanta, 2012, 98, 123-129. | 2.9 | 67 |
| 139 | Urinary proteomics revealed prostaglandin H2D-isomerase, not Zn-Î±2-glycoprotein, as a biomarker for active lupus nephritis. Journal of Proteomics, 2012, 75, 3240-3247. | 1.2 | 36 |
| 140 | Isolation and characterizations of oxalate-binding proteins in the kidney. Biochemical and Biophysical Research Communications, 2012, 424, 629-634. | 1.0 | 15 |
| 141 | The variability in tissue proteomics. Proteomics - Clinical Applications, 2012, 6, 340-342. | 0.8 | 6 |
| 142 | A novel assay to evaluate promoting effects of proteins on calcium oxalate crystal invasion through extracellular matrix based on plasminogen/plasmin activity. Talanta, 2012, 101, 240-245. | 2.9 | 18 |
| 143 | Marked changes in red cell membrane proteins in hereditary spherocytosis: a proteomics approach. Molecular BioSystems, 2012, 8, 2312. | 2.9 | 7 |
| 144 | Changes in Mitochondrial Proteome of Renal Tubular Cells Induced by Calcium Oxalate Monohydrate Crystal Adhesion and Internalization Are Related to Mitochondrial Dysfunction. Journal of Proteome Research, 2012, 11, 3269-3280. | 1.8 | 57 |

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| 145 | Citrate, not phosphate, can dissolve calcium oxalate monohydrate crystals and detach these crystals from renal tubular cells. European Journal of Pharmacology, 2012, 689, 219-225. | 1.7 | 17 |
| 146 | Implementation of proteomic biomarkers: making it work. European Journal of Clinical Investigation, 2012, 42, 1027-1036. | 1.7 | 151 |
| 147 | Calcium oxalate dihydrate crystal induced changes in glycoproteome of distal renal tubular epithelial cells. Molecular BioSystems, 2011, 7, 1917. | 2.9 | 9 |
| 148 | Comprehensive Proteome Analysis of Hippocampus, Brainstem, and Spinal Cord from Paralytic and Furious Dogs Naturally Infected with Rabies. Journal of Proteome Research, 2011, 10, 4911-4924. | 1.8 | 29 |
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