Visith Thongboonkerd

List of Publications by Year
in descending order

291 papers	12,001 citations	36303 51 h-index	37204 96 g-index
345 all docs	345 docs citations	345 times ranked	11543 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.	3.3	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.	2.5	10
3	Hyaluronic acid promotes calcium oxalate crystal growth, crystal-cell adhesion, and crystal invasion through extracellular matrix. Toxicology in Vitro, 2022, 80, 105320.	2.4	3
4	Gelâ€Based and Gelâ€Free Phosphoproteomics to Measure and Characterize Mitochondrial Phosphoproteins. Current Protocols, 2022, 2, e390.	2.9	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.	4.0	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.	5.6	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.	4.2	7
8	Oxidized forms of uromodulin promote calcium oxalate crystallization and growth, but not aggregation. International Journal of Biological Macromolecules, 2022, 214, 542-553.	7.5	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, .	5.4	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.	2.8	9
11	Exosome-inflammasome crosstalk and their roles in inflammatory responses. Theranostics, 2021, 11, 4436-4451.	10.0	83
12	What can urinary exosomes tell us?. Cellular and Molecular Life Sciences, 2021, 78, 3265-3283.	5.4	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.	2.5	4
14	Exosome-Derived Mediators as Potential Biomarkers for Cardiovascular Diseases: A Network Approach. Proteomes, 2021, 9, 8.	3.5	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.	12.2	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.	7.5	14
17	Kidney stone proteomics: an update and perspectives. Expert Review of Proteomics, 2021, 18, 557-569.	3.0	12
18	How can artificial intelligence be used for peptidomics?. Expert Review of Proteomics, 2021, 18, 527-556.	3.0	7

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19	Effects of secretome derived from macrophages exposed to calcium oxalate crystals on renal fibroblast activation. Communications Biology, 2021, 4, 959.	4.4	18
20	Calcium oxalate monohydrate crystal disrupts tight junction via F-actin reorganization. Chemico-Biological Interactions, 2021, 345, 109557.	4.0	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.	5.6	10
22	Peptidomics and proteogenomics: background, challenges and future needs. Expert Review of Proteomics, 2021, 18, 643-659.	3.0	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.	3.8	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.	5.6	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.	5.6	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.	2.7	5
27	Editorial: Immunity and Inflammatory Response in Kidney Stone Disease. Frontiers in Immunology, 2021, 12, 795559.	4.8	6
28	Complex systems analysis by integrative omics. Blood, 2021, 138, 2448-2450.	1.4	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.	4.2	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.	3.6	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.	2.4	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, .	0.7	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.	4.0	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.	0.3	2
35	Mitochondrial Dysfunction and Kidney Stone Disease. Frontiers in Physiology, 2020, 11, 566506.	2.8	39
36	StoneMod: a database for kidney stone modulatory proteins with experimental evidence. Scientific Reports, 2020, 10, 15109.	3.3	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.	7.5	18
38	High glucose induces phosphorylation and oxidation of mitochondrial proteins in renal tubular cells: A proteomics approach. Scientific Reports, 2020, 10, 5843.	3.3	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.	0.5	0
40	High-glucose-induced changes in macrophage secretome: regulation of immune response. Molecular and Cellular Biochemistry, 2019, 452, 51-62.	3.1	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.	0.5	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.	1.0	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.	2.6	21
44	Caffeine inhibits hypoxia-induced renal fibroblast activation by antioxidant mechanism. Cell Adhesion and Migration, 2019, 13, 259-271.	2.7	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.	3.1	11
46	Protective Cellular Mechanism of Estrogen Against Kidney Stone Formation: A Proteomics Approach and Functional Validation. Proteomics, 2019, 19, 1900095.	2.2	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, .	0.7	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.	3.5	31
49	Proteomics of Crystalâ€“Cell Interactions: A Model for Kidney Stone Research. Cells, 2019, 8, 1076.	4.1	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.	0.3	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.	2.6	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.	2.8	13
53	Proteomics in Psoriasis. International Journal of Molecular Sciences, 2019, 20, 1141.	4.1	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.	6.4	56
56	Roles for Exosome in Various Kidney Diseases and Disorders. Frontiers in Pharmacology, 2019, 10, 1655.	3.5	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.	0.5	1
60	Protein Network Analysis and Functional Studies of Calcium Oxalate Crystalâ€Induced Cytotoxicity in Renal Tubular Epithelial Cells. Proteomics, 2018, 18, e1800008.	2.2	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.	4.7	13
62	Differential proteomics of lesional vs. non-lesional biopsies revealed non-immune mechanisms of alopecia areata. Scientific Reports, 2018, 8, 521.	3.3	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.	2.0	13
65	K⁺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⁺uptake. Cell Adhesion and Migration, 2018, 12, 247-258.	2.7	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.	5.4	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.	4.7	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.	2.2	8
69	More complete polarization of renal tubular epithelial cells by artificial urine. Cell Death Discovery, 2018, 4, 47.	4.7	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.	3.6	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.	0.7	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.	2.4	54

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73	Roles of Macrophage Exosomes in Immune Response to Calcium Oxalate Monohydrate Crystals. Frontiers in Immunology, 2018, 9, 316.	4.8	77
74	Chaperonomics in leptospirosis. Expert Review of Proteomics, 2018, 15, 569-579.	3.0	0
75	Caffeine in Kidney Stone Disease: Risk or Benefit?. Advances in Nutrition, 2018, 9, 419-424.	6.4	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.	4.7	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.	3.4	17
79	Prospects for proteomics in kidney stone disease. Expert Review of Proteomics, 2017, 14, 185-187.	3.0	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.	0.5	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.	2.2	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.	1.1	22
83	Physiologic changes of urinary proteome by caffeine and excessive water intake. Clinical Chemistry and Laboratory Medicine, 2017, 55, 993-1002.	2.3	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.	2.2	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.	2.2	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.	3.3	76
87	Development and evaluation of an immunochromatographic assay to detect serum anti-leptospiral lipopolysaccharide IgM in acute leptospirosis. Scientific Reports, 2017, 7, 2309.	3.3	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.	3.3	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.	0.5	30
90	Hypobaric hypoxia down-regulated junctional protein complex: Implications to vascular leakage. Cell Adhesion and Migration, 2017, 11, 360-366.	2.7	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.	3.6	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.	0.7	0
94	Differential human urinary lipid profiles using various lipid-extraction protocols: MALDI-TOF and LIFT-TOF/TOF analyses. Scientific Reports, 2016, 6, 33756.	3.3	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.	3.3	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.	3.3	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.	3.3	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.	2.6	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.	2.1	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.	1.8	7
101	Alpha-enolase on apical surface of renal tubular epithelial cells serves as a calcium oxalate crystal receptor. Scientific Reports, 2016, 6, 36103.	3.3	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.	3.3	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.	3.3	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.	0.7	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.	2.4	24
106	Alterations of proteins in MDCK cells during acute potassium deficiency. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 683-696.	2.3	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.	2.4	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.	2.6	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.	4.0	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.	0.5	32
112	Unraveling epigenetic regulation of epithelial mesenchymal transition. Translational Cancer Research, 2016, 5, S1177-S1180.	1.0	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.	0.7	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.	0.2	5
115	Recent Advances of Proteomics Applied to Human Diseases. Journal of Proteome Research, 2014, 13, 4493-4496.	3.7	9
116	Genome-wide Proteomics, Chromosome-centric Human Proteome Project (C-HPP), Part II. Journal of Proteome Research, 2014, 13, 1-4.	3.7	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.	3.7	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.	3.7	23
119	Chromosome-centric Human Proteome Project (C-HPP): Chromosome 12. Journal of Proteome Research, 2014, 13, 3160-3165.	3.7	4
120	Enamelâ€renalâ€gingival syndrome and FAM20A mutations. American Journal of Medical Genetics, Part A, 2014, 164, 1-9.	1.2	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.	2.5	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.	1.8	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.	1.8	45
124	Differential plasma proteome profiles of mild versus severe Î²-thalassemia/Hb E. Annals of Hematology, 2013, 92, 365-377.	1.8	12
125	Bacteria can promote calcium oxalate crystal growth and aggregation. Journal of Biological Inorganic Chemistry, 2013, 18, 299-308.	2.6	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.	2.4	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.	3.7	24
128	The promise and challenge of systems biology in translational medicine. Clinical Science, 2013, 124, 389-390.	4.3	4
129	Characterization of Monoclonal Antibodies Against a Human Chondrocyte Surface Antigen. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2013, 32, 180-186.	1.6	5
130	p38 MAPK mediates calcium oxalate crystal-induced tight junction disruption in distal renal tubular epithelial cells. Scientific Reports, 2013, 3, 1041.	3.3	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.	2.5	39
132	Human Body Fluid. BioMed Research International, 2013, 2013, 1-2.	1.9	13
133	Serum proteins in chronic hepatitis B patients treated with peginterferon alfa-2b. World Journal of Gastroenterology, 2013, 19, 5067.	3.3	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.	2.3	3
135	Extensive characterizations of bacteria isolated from catheterized urine and stone matrices in patients with nephrolithiasis. Nephrology Dialysis Transplantation, 2012, 27, 4125-4130.	0.7	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.	2.4	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.	3.7	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.	5.5	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.	2.4	36
140	Isolation and characterizations of oxalate-binding proteins in the kidney. Biochemical and Biophysical Research Communications, 2012, 424, 629-634.	2.1	15
141	The variability in tissue proteomics. Proteomics - Clinical Applications, 2012, 6, 340-342.	1.6	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.	5.5	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.	3.7	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.	3.5	17
146	Implementation of proteomic biomarkers: making it work. European Journal of Clinical Investigation, 2012, 42, 1027-1036.	3.4	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.	3.7	29
149	Large-scale Identification of Calcium Oxalate Monohydrate Crystal-binding Proteins on Apical Membrane of Distal Renal Tubular Epithelial Cells. Journal of Proteome Research, 2011, 10, 4463-4477.	3.7	47
150	Ceftriaxone crystallization and its potential role in kidney stone formation. Biochemical and Biophysical Research Communications, 2011, 406, 396-402.	2.1	40
151	Subcellular localizations and time-course expression of dengue envelope and non-structural 1 proteins in human endothelial cells. Microbial Pathogenesis, 2011, 51, 225-229.	2.9	11
152	Effects of calcium oxalate monohydrate crystals on expression and function of tight junction of renal tubular epithelial cells. Laboratory Investigation, 2011, 91, 97-105.	3.7	50
153	Urine proteomics in kidney and urogenital diseases: Moving towards clinical applications. Proteomics - Clinical Applications, 2011, 5, 256-268.	1.6	20
154	Renal and Urinary Proteomics. Proteomics - Clinical Applications, 2011, 5, 211-213.	1.6	3
155	Identification of Brugia malayi immunogens by an immunoproteomics approach. Journal of Proteomics, 2011, 74, 1607-1613.	2.4	13
156	Study of Diabetic Nephropathy in the Proteomic Era. Contributions To Nephrology, 2011, 170, 172-183.	1.1	27
157	Renal tubular cell membranes inhibit growth but promote aggregation of calcium oxalate monohydrate crystals. Chemico-Biological Interactions, 2010, 188, 421-426.	4.0	12
158	Proteomics in extracorporeal blood purification and peritoneal dialysis. Journal of Proteomics, 2010, 73, 521-526.	2.4	25
159	Alterations in cellular proteome and secretome upon differentiation from monocyte to macrophage by treatment with phorbol myristate acetate: Insights into biological processes. Journal of Proteomics, 2010, 73, 602-618.	2.4	50
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