Willi Jahnen-Dechent

List of Publications by Year
in descending order

180 papers	16,128 citations	20817 60 h-index	16183 124 g-index
192 all docs	192 docs citations	192 times ranked	17649 citing authors

#	Article	IF	Citations
1	Sizeâ€Ðependent Cytotoxicity of Gold Nanoparticles. Small, 2007, 3, 1941-1949.	10.0	1,617
2	Human Vascular Smooth Muscle Cells Undergo Vesicle-Mediated Calcification in Response to Changes in Extracellular Calcium and Phosphate Concentrations. Journal of the American Society of Nephrology: JASN, 2004, 15, 2857-2867.	6.1	830
3	Association of low fetuin-A (AHSG) concentrations in serum with cardiovascular mortality in patients on dialysis: a cross-sectional study. Lancet, The, 2003, 361, 827-833.	13.7	822
4	The serum protein Î±2â€“Heremans-Schmid glycoprotein/fetuin-A is a systemically acting inhibitor of ectopic calcification. Journal of Clinical Investigation, 2003, 112, 357-366.	8.2	805
5	Magnesium basics. CKJ: Clinical Kidney Journal, 2012, 5, i3-i14.	2.9	711
6	Gold Nanoparticles of Diameter 1.4â€‰nm Trigger Necrosis by Oxidative Stress and Mitochondrial Damage. Small, 2009, 5, 2067-2076.	10.0	685
7	Structural Basis of Calcification Inhibition by Î±2-HS Glycoprotein/Fetuin-A. Journal of Biological Chemistry, 2003, 278, 13333-13341.	3.4	414
8	The Serum Protein Î±2-HS Glycoprotein/Fetuin Inhibits Apatite Formation in Vitro and in Mineralizing Calvaria Cells. Journal of Biological Chemistry, 1996, 271, 20789-20796.	3.4	338
9	Multifunctional Roles for Serum Protein Fetuin-A in Inhibition of Human Vascular Smooth Muscle Cell Calcification. Journal of the American Society of Nephrology: JASN, 2005, 16, 2920-2930.	6.1	326
10	Fetuin-A Regulation of Calcified Matrix Metabolism. Circulation Research, 2011, 108, 1494-1509.	4.5	322
11	Role of calcification inhibitors in the pathogenesis of vascular calcification in chronic kidney disease (CKD). Kidney International, 2005, 67, 2295-2304.	5.2	321
12	Improved Insulin Sensitivity and Resistance to Weight Gain in Mice Null for the Ahsg Gene. Diabetes, 2002, 51, 2450-2458.	0.6	320
13	Functional Expression of HGF and HGF Receptor/câ€‘met in Adult Human Mesenchymal Stem Cells Suggests a Role in Cell Mobilization, Tissue Repair, and Wound Healing. Stem Cells, 2004, 22, 405-414.	3.2	289
14	Nanoparticle-Based Test Measures Overall Propensity for Calcification in Serum. Journal of the American Society of Nephrology: JASN, 2012, 23, 1744-1752.	6.1	275
15	In situ localization of light-induced chalcone synthase mRNA, chalcone synthase, and flavonoid end products in epidermal cells of parsley leaves. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 2989-2993.	7.1	273
16	Effect of Vitamin K2 Supplementation on Functional Vitamin K Deficiency in Hemodialysis Patients: A Randomized Trial. American Journal of Kidney Diseases, 2012, 59, 186-195.	1.9	257
17	Tissue distribution and activity testing suggest a similar but not identical function of fetuin-B and fetuin-A. Biochemical Journal, 2003, 376, 135-145.	3.7	248
18	Cloning and Targeted Deletion of the Mouse Fetuin Gene. Journal of Biological Chemistry, 1997, 272, 31496-31503.	3.4	222

#	Article	IF	Citations
19	Î±2-HS Glycoprotein/Fetuin, a Transforming Growth Factor-Î²/Bone Morphogenetic Protein Antagonist, Regulates Postnatal Bone Growth and Remodeling. Journal of Biological Chemistry, 2002, 277, 19991-19997.	3.4	194
20	Hierarchical Role of Fetuin-A and Acidic Serum Proteins in the Formation and Stabilization of Calcium Phosphate Particles. Journal of Biological Chemistry, 2008, 283, 14815-14825.	3.4	194
21	Three-dimensional printing of stem cell-laden hydrogels submerged in a hydrophobic high-density fluid. Biofabrication, 2013, 5, 015003.	7.1	177
22	Apolipoprotein C3 induces inflammation and organ damage by alternative inflammasome activation. Nature Immunology, 2020, 21, 30-41.	14.5	169
23	In vitro cell alignment obtained with a Schwann cell enriched microstructured nerve guide with longitudinal guidance channels. Biomaterials, 2009, 30, 169-179.	11.4	166
24	Mineral chaperones: a role for fetuin-A and osteopontin in the inhibition and regression of pathologic calcification. Journal of Molecular Medicine, 2008, 86, 379-389.	3.9	165
25	Fetuin-A Protects against Atherosclerotic Calcification in CKD. Journal of the American Society of Nephrology: JASN, 2009, 20, 1264-1274.	6.1	160
26	Assessment of stem cell/biomaterial combinations for stem cell-based tissue engineering. Biomaterials, 2008, 29, 302-313.	11.4	157
27	Cord blood-hematopoietic stem cell expansion in 3D fibrin scaffolds with stromal support. Biomaterials, 2012, 33, 6987-6997.	11.4	155
28	Clearance of Fetuin-Aâ€“Containing Calciprotein Particles Is Mediated by Scavenger Receptor-A. Circulation Research, 2012, 111, 575-584.	4.5	150
29	The multiligand-binding protein gC1qR, putative C1q receptor, is a mitochondrial protein. Journal of Immunology, 1998, 160, 3534-42.	0.8	136
30	A Hepatic Protein, Fetuin-A, Occupies a Protective Role in Lethal Systemic Inflammation. PLoS ONE, 2011, 6, e16945.	2.5	131
31	Vitamin K-Antagonists Accelerate Atherosclerotic Calcification and Induce a Vulnerable Plaque Phenotype. PLoS ONE, 2012, 7, e43229.	2.5	127
32	The nucleotide and partial amino acid sequences of rat fetuin. FEBS Journal, 1992, 204, 523-529.	0.2	123
33	The Role of Fetuin-A in Physiological and Pathological Mineralization. Calcified Tissue International, 2013, 93, 355-364.	3.1	120
34	Myocardial Stiffness, Cardiac Remodeling, and Diastolic Dysfunction in Calcification-Prone Fetuin-Aâ€“Deficient Mice. Journal of the American Society of Nephrology: JASN, 2005, 16, 3357-3364.	6.1	119
35	Calcification Propensity and Survival among Renal Transplant Recipients. Journal of the American Society of Nephrology: JASN, 2016, 27, 239-248.	6.1	115
36	In vivo nanotoxicity testing using the zebrafish embryo assay. Journal of Materials Chemistry B, 2013, 1, 3918.	5.8	104

#	Article	IF	Citations
37	Fetuin-B, a Liver-Derived Plasma Protein Is Essential for Fertilization. Developmental Cell, 2013, 25, 106-112.	7.0	102
38	Deficiencies of calcium-regulatory proteins in dialysis patients: A novel concept of cardiovascular calcification in uremia. Kidney International, 2003, 63, S84-S87.	5.2	99
39	Fetuin-A Is a Mineral Carrier Protein: Small Angle Neutron Scattering Provides New Insight on Fetuin-A Controlled Calcification Inhibition. Biophysical Journal, 2010, 99, 3986-3995.	0.5	95
40	Structural dynamics of a colloidal protein-mineral complex bestowing on calcium phosphate a high solubility in biological fluids. Biointerphases, 2007, 2, 16-20.	1.6	93
41	Î±2HS-glycoprotein, an Antagonist of Transforming Growth Factor Î² In vivo , Inhibits Intestinal Tumor Progression. Cancer Research, 2004, 64, 6402-6409.	0.9	92
42	Warfarin Induces Cardiovascular Damage in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2618-2624.	2.4	90
43	Fetuin-A (AHSG) prevents extraosseous calcification induced by uraemia and phosphate challenge in mice. Nephrology Dialysis Transplantation, 2007, 22, 1537-1546.	0.7	87
44	Cellular Clearance and Biological Activity of Calciprotein Particles Depend on Their Maturation State and Crystallinity. Frontiers in Immunology, 2018, 9, 1991.	4.8	84
45	Novel insights into osteogenesis and matrix remodelling associated with calcific uraemic arteriolopathy. Nephrology Dialysis Transplantation, 2013, 28, 856-868.	0.7	83
46	Biofabrication Under Fluorocarbon: A Novel Freeform Fabrication Technique to Generate High Aspect Ratio Tissue-Engineered Constructs. BioResearch Open Access, 2013, 2, 374-384.	2.6	82
47	Molecularly stabilised ultrasmall gold nanoparticles: synthesis, characterization and bioactivity. Nanoscale, 2013, 5, 6224.	5.6	82
48	Secretion of Fibrinolytic Enzymes Facilitates Human Mesenchymal Stem Cell Invasion into Fibrin Clots. Cells Tissues Organs, 2010, 191, 36-46.	2.3	80
49	Prothrombin Loading of Vascular Smooth Muscle Cellâ€"Derived Exosomes Regulates Coagulation and Calcification. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, e22-e32.	2.4	80
50	Enhanced blood coagulation and fibrinolysis in mice lacking histidine-rich glycoprotein (HRG). Journal of Thrombosis and Haemostasis, 2005, 3, 865-872.	3.8	78
51	Type 3 cystatins; fetuins, kininogen and histidine-rich glycoprotein. Frontiers in Bioscience - Landmark, 2009, Volume, 2911.	3.0	77
52	Serological cardiovascular and mortality risk predictors in dialysis patients receiving sevelamer: a prospective study. Nephrology Dialysis Transplantation, 2010, 25, 2672-2679.	0.7	77
53	Histidineâ€rich glycoprotein promotes macrophage activation and inflammation in chronic liver disease. Hepatology, 2016, 63, 1310-1324.	7.3	77
54	Impact of sirolimus, tacrolimus and mycophenolate mofetil on osteoclastogenesis--implications for post-transplantation bone disease. Nephrology Dialysis Transplantation, 2011, 26, 4115-4123.	0.7	76

#	Article	IF	Citations
55	Cytotoxicity of Ultrasmall Gold Nanoparticles on Planktonic and Biofilm Encapsulated Gramâ€Positive Staphylococci. Small, 2015, 11, 3183-3193.	10.0	72
56	Fetuin-A and Cystatin C Are Endogenous Inhibitors of Human Meprin Metalloproteases. Biochemistry, 2010, 49, 8599-8607.	2.5	69
57	Peripheral Administration of Fetuin-A Attenuates Early Cerebral Ischemic Injury in Rats. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 493-504.	4.3	65
58	Vascular Calcification and Fetuin-A Deficiency in Chronic Kidney Disease. Trends in Cardiovascular Medicine, 2007, 17, 124-128.	4.9	63
59	Histidine-Rich Glycoprotein Protects from Systemic Candida Infection. PLoS Pathogens, 2008, 4, e1000116.	4.7	63
60	Association of fetuin-A levels with the progression of aortic valve calcification in non-dialyzed patients. European Heart Journal, 2009, 30, 2054-2061.	2.2	63
61	Differential hERG ion channel activity of ultrasmall gold nanoparticles. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8004-8009.	7.1	63
62	A Shielding Topology Stabilizes the Early Stage Protein-Mineral Complexes of Fetuin-A and Calcium Phosphate: A Time-Resolved Small-Angle X-ray Study. ChemBioChem, 2009, 10, 735-740.	2.6	56
63	Novel Insights into Uremic Vascular Calcification: Role of Matrix Gla Protein and Alpha-2-Heremans Schmid Glycoprotein/Fetuin. Blood Purification, 2002, 20, 473-476.	1.8	55
64	Key Role of the Scavenger Receptor MARCO in Mediating Adenovirus Infection and Subsequent Innate Responses of Macrophages. MBio, 2017, 8, .	4.1	55
65	Rat fetuin: distribution of protein and mRNA in embryonic and neonatal rat tissues. Anatomy and Embryology, 1998, 197, 125-133.	1.5	52
66	Accelerated Growth Plate Mineralization and Foreshortened Proximal Limb Bones in Fetuin-A Knockout Mice. PLoS ONE, 2012, 7, e47338.	2.5	50
67	Posttranslational Processing of Human alpha2-HS Glycoprotein (Human Fetuin). Evidence for the Production of a Phosphorylated Single-Chain Form by Hepatoma Cells. FEBS Journal, 1994, 226, 59-69.	0.2	49
68	Highâ€Sensitivity Realâ€Time Analysis of Nanoparticle Toxicity in Green Fluorescent Proteinâ€Expressing Zebrafish. Small, 2013, 9, 863-869.	10.0	47
69	Analysis of Ebola Virus Entry Into Macrophages. Journal of Infectious Diseases, 2015, 212, S247-S257.	4.0	47
70	Bone marrow lympho-myeloid malfunction in obesity requires precursor cell-autonomous TLR4. Nature Communications, 2018, 9, 708.	12.8	47
71	Internal amino acid sequecing of proteins by in situ cyanogen bromide cleavage in polyacrylamide gels. Biochemical and Biophysical Research Communications, 1990, 166, 139-145.	2.1	45
72	The serum glycoprotein fetuin-A promotes Lewis lung carcinoma tumorigenesis via adhesive-dependent and adhesive-independent mechanisms. Cancer Research, 2005, 65, 499-506.	0.9	45

#	Article	IF	Citations
73	Exposure to Uremic Serum Induces a Procalcific Phenotype in Human Mesenchymal Stem Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, e45-54.	2.4	44
74	Mammalian plasma fetuin-B is a selective inhibitor of ovastacin and meprin metalloproteinases. Scientific Reports, 2019, 9, 546.	3.3	44
75	Limited Proteolysis of Human Î±2-HS Glycoprotein/Fetuin. Journal of Biological Chemistry, 1996, 271, 31735-31741.	3.4	43
76	Formation and stability kinetics of calcium phosphateâ€“fetuin-A colloidal particles probed by time-resolved dynamic light scattering. Soft Matter, 2011, 7, 2869.	2.7	43
77	Molecular diversity at the self-incompatibility locus is a salient feature in natural populations of wild tomato (Lycopersicon peruvianum). Molecular Genetics and Genomics, 1993, 238, 419-427.	2.4	42
78	Fetuin-A Function in Systemic Mineral Metabolism. Trends in Cardiovascular Medicine, 2012, 22, 197-201.	4.9	42
79	Growth factor-functionalized silk membranes support wound healing in vitro. Biomedical Materials (Bristol), 2017, 12, 045023.	3.3	41
80	Arterial thrombosis is accelerated in mice deficient in histidine-rich glycoprotein. Blood, 2015, 125, 2712-2719.	1.4	40
81	Mud in the blood: the role of protein-mineral complexes and extracellular vesicles in biomineralisation and calcification. Journal of Structural Biology, 2020, 212, 107577.	2.8	38
82	Do not be misguided by guidelines: the calcium x phosphate product can be a Trojan horse. Nephrology Dialysis Transplantation, 2005, 20, 673-677.	0.7	36
83	Activated Platelets Provide a Functional Microenvironment for the Antiangiogenic Fragment of Histidine-Rich Glycoprotein. Molecular Cancer Research, 2009, 7, 1792-1802.	3.4	36
84	Different Culture Media Affect Proliferation, Surface Epitope Expression, and Differentiation of Ovine MSC. Stem Cells International, 2013, 2013, 1-13.	2.5	36
85	Interleukin-1Î± Is a Central Regulator of Leukocyte-Endothelial Adhesion in Myocardial Infarction and in Chronic Kidney Disease. Circulation, 2021, 144, 893-908.	1.6	36
86	Function follows form: shape complementarity and nanoparticle toxicity. Nanomedicine, 2008, 3, 601-603.	3.3	35
87	Lumenal calcification and microvasculopathy in fetuin-A-deficient mice lead to multiple organ morbidity. PLoS ONE, 2020, 15, e0228503.	2.5	35
88	Fetuin-A, a Hepatocyte-Specific Protein That Binds Plasmodium berghei Thrombospondin-Related Adhesive Protein: a Potential Role in Infectivity. Infection and Immunity, 2005, 73, 5883-5891.	2.2	34
89	CCAAT enhancer binding protein Î² and hepatocyte nuclear factor 3Î² are necessary and sufficient to mediate dexamethasone-induced up-regulation of alpha2HS-glycoprotein/fetuin-A gene expression. Journal of Molecular Endocrinology, 2006, 36, 261-277.	2.5	33
90	Embryonic stem cellâ€“derived <scp>M2</scp>â€like macrophages delay cutaneous wound healing. Wound Repair and Regeneration, 2013, 21, 44-54.	3.0	33

#	Article	IF	Citations
91	Phosphate, Calcification in Blood, and Mineral Stress: The Physiologic Blood Mineral Buffering System and Its Association with Cardiovascular Risk. International Journal of Nephrology, 2018, 2018, 1-5.	1.3	33
92	Genetic Deficiency in Plasma Protein HRG Enhances Tumor Growth and Metastasis by Exacerbating Immune Escape and Vessel Abnormalization. Cancer Research, 2012, 72, 1953-1963.	0.9	32
93	The effect of surface modification of a porous TiO2/perlite composite on the ingrowth of bone tissue in vivo. Biomaterials, 2006, 27, 1270-1276.	11.4	30
94	Intracellular activation of ovastacin mediates pre-fertilization hardening of the zona pellucida. Molecular Human Reproduction, 2017, 23, 607-616.	2.8	30
95	Fetuin-A is a HIF target that safeguards tissue integrity during hypoxic stress. Nature Communications, 2021, 12, 549.	12.8	30
96	The Physiologic Development of Fetuin-A Serum Concentrations in Children. Pediatric Research, 2009, 66, 660-664.	2.3	29
97	Association of high fetuin-B concentrations in serum with fertilization rate in IVF: a cross-sectional pilot study. Human Reproduction, 2016, 31, 630-637.	0.9	29
98	Histidine-rich glycoprotein-induced vascular normalization improves EPR-mediated drug targeting to and into tumors. Journal of Controlled Release, 2018, 282, 25-34.	9.9	29
99	Systemic inhibition of spontaneous calcification by the serum protein Î± 2 -HS glycoprotein/fetuin. Clinical Research in Cardiology, 2001, 90, III47-III56.	1.1	28
100	In vitro behavior of a porous TiO2/perlite composite and its surface modification with fibronectin. Biomaterials, 2005, 26, 2813-2826.	11.4	28
101	The Case â^£ Milky ascites is not always chylous. Kidney International, 2010, 77, 77-78.	5.2	28
102	Live Imaging of Calciprotein Particle Clearance and Receptor Mediated Uptake: Role of Calciprotein Monomers. Frontiers in Cell and Developmental Biology, 2021, 9, 633925.	3.7	28
103	Structure of mammalian plasma fetuin-B and its mechanism of selective metallopeptidase inhibition. IUCrJ, 2019, 6, 317-330.	2.2	28
104	Hepatocyte Growth Factor-Loaded Biomaterials for Mesenchymal Stem Cell Recruitment. Stem Cells International, 2013, 2013, 1-9.	2.5	27
105	Hybrid µCT-FMT imaging and image analysis. Journal of Visualized Experiments, 2015, , e52770.	0.3	27
106	Microvasculopathy and soft tissue calcification in mice are governed by fetuin-A, magnesium and pyrophosphate. PLoS ONE, 2020, 15, e0228938.	2.5	25
107	Mapping of the high molecular weight kininogen binding site of prekallikrein. Evidence for a discontinuous epitope formed by distinct segments of the prekallikrein heavy chain. Journal of Biological Chemistry, 1993, 268, 14527-14535.	3.4	25
108	Systemic inhibition of spontaneous calcification by the serum protein alpha 2-HS glycoprotein/fetuin. Clinical Research in Cardiology, 2001, 90 Suppl 3, 47-56.	1.1	25

#	Article	IF	Citations
109	Biomimetic modification of the TiO2/glass composite Ecopore with heparinized collagen and the osteoinductive factor BMP-2. Acta Biomaterialia, 2008, 4, 997-1004.	8.3	24
110	Context Dependent Role of the CD36 - Thrombospondin - Histidine-Rich Glycoprotein Axis in Tumor Angiogenesis and Growth. PLoS ONE, 2012, 7, e40033.	2.5	24
111	Mammalian gamete fusion depends on the inhibition of ovastacin by fetuin-B. Biological Chemistry, 2014, 395, 1195-1199.	2.5	23
112	Calciprotein particles: mineral behaving badly?. Current Opinion in Nephrology and Hypertension, 2020, 29, 378-386.	2.0	23
113	Differential regulation of the expression of transporters associated with antigen processing, TAP1 and TAP2, by cytokines and lipopolysaccharide in primary human macrophages. Inflammation Research, 2002, 51, 403-408.	4.0	22
114	Down-regulation of the liver-derived plasma protein fetuin-B mediates reversible female infertility. Molecular Human Reproduction, 2017, 23, 34-44.	2.8	22
115	Mesenchymal stem cells can be recruited to wounded tissue via hepatocyte growth factor-loaded biomaterials. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 2988-2998.	2.7	22
116	Fluorescent SNAP-Tag Galectin Fusion Proteins as Novel Tools in Glycobiology. Current Pharmaceutical Design, 2013, 19, 5457-5467.	1.9	21
117	Proteolytic processing by matrix metalloproteinases and phosphorylation by protein kinase CK2 of fetuin-A, the major globulin of fetal calf serum. Biochimie, 2007, 89, 410-418.	2.6	20
118	A red herring in vascular calcification: 'nanobacteria' are protein-mineral complexes involved in biomineralization. Nephrology Dialysis Transplantation, 2011, 26, 3436-3439.	0.7	20
119	Post-weaning epiphysiolysis causes distal femur dysplasia and foreshortened hindlimbs in fetuin-A-deficient mice. PLoS ONE, 2017, 12, e0187030.	2.5	20
120	Mapping of the high molecular weight kininogen binding site of prekallikrein. Evidence for a discontinuous epitope formed by distinct segments of the prekallikrein heavy chain. Journal of Biological Chemistry, 1993, 268, 14527-35.	3.4	20
121	Human histidine-rich glycoprotein expressed in SF9 insect cells inhibits apatite formation. FEBS Letters, 1997, 412, 559-562.	2.8	19
122	HRG regulates tumor progression, epithelial to mesenchymal transition and metastasis via platelet-induced signaling in the pre-tumorigenic microenvironment. Angiogenesis, 2013, 16, 889-902.	7.2	19
123	Natureâ€™s remedy to phosphate woes: calciprotein particles regulate systemic mineral metabolism. Kidney International, 2020, 97, 648-651.	5.2	19
124	Effect of sample preparation on the in vitro genotoxicity of a light curable glass ionomer cement. Biomaterials, 2003, 24, 611-617.	11.4	18
125	Sevelamer and the boneâ€“vascular axis in chronic kidney disease: bone turnover, inflammation, and calcification regulation. Kidney International, 2009, 76, S26-S33.	5.2	18
126	Recombinant fetuin-B protein maintains high fertilization rate in cumulus cell-free mouse oocytes. Molecular Human Reproduction, 2017, 23, 25-33.	2.8	18

#	Article	IF	Citations
127	Fine mapping of the H-kininogen binding site in plasma prekallikrein apple domain 2. International Immunopharmacology, 2002, 2, 1867-1873.	3.8	17
128	Modulation of angiogenic functions in human macrophages by biomaterials. Biomaterials, 2003, 24, 3395-3401.	11.4	17
129	Cytotoxicity of Gold Nanoparticles. Methods in Enzymology, 2012, 509, 225-242.	1.0	17
130	Enhanced Platelet Activation Mediates the Accelerated Angiogenic Switch in Mice Lacking Histidine-Rich Glycoprotein. PLoS ONE, 2011, 6, e14526.	2.5	16
131	Fetuinâ€A in the developing brain. Developmental Neurobiology, 2013, 73, 354-369.	3.0	15
132	Fetuin-A protein distribution in mature inflamed and ischemic brain tissue. PLoS ONE, 2018, 13, e0206597.	2.5	15
133	Tissue chaperoningâ€"the expanded functions of fetuin-A beyond inhibition of systemic calcification. Pflugers Archiv European Journal of Physiology, 2022, 474, 949-962.	2.8	14
134	The Vesicular Stomatitis Virus Matrix Protein Inhibits Glycoprotein 130-Dependent STAT Activation. Journal of Immunology, 2001, 167, 5209-5216.	0.8	11
135	Lot's Wife's Problem Revisited: How We Prevent Pathological Calcification. , 2005, , 243-267.		11
136	An electrochemical impedance spectroscopy (EIS) assay measuring the calcification inhibition capacity in biological fluids. Biosensors and Bioelectronics, 2011, 26, 4702-4707.	10.1	11
137	A method for preparing proteins and peptides for microsequencing. Plant Molecular Biology Reporter, 1990, 8, 92-103.	1.8	9
138	Latent TGF-Î² binding protein-1 deficiency decreases female fertility. Biochemical and Biophysical Research Communications, 2017, 482, 1387-1392.	2.1	9
139	Cell surface serine protease matriptase-2 suppresses fetuin-A/AHSG-mediated induction of hepcidin. Biological Chemistry, 2015, 396, 81-93.	2.5	8
140	Standardization of Automated Cell-Based Protocols for Toxicity Testing of Biomaterials. Journal of Biomolecular Screening, 2011, 16, 647-654.	2.6	7
141	Compatibility of different polymers for cord blood-derived hematopoietic progenitor cells. Journal of Materials Science: Materials in Medicine, 2012, 23, 109-116.	3.6	7
142	Recent developments in the molecular genetics and biology of self-incompatibility. Plant Molecular Biology, 1989, 13, 267-271.	3.9	6
143	Ex vivoexpansion of cord blood-CD34⁺cells using IGFBP₂and Angptl-5 impairs short-term lymphoid repopulationin vivo. Journal of Tissue Engineering and Regenerative Medicine, 2013, 7, 944-954.	2.7	6
144	Two-Dimensional Polymer-Based Cultures Expand Cord Blood-Derived Hematopoietic Stem Cells and Support Engraftment of NSG Mice. Tissue Engineering - Part C: Methods, 2013, 19, 25-38.	2.1	6

#	Article	IF	Citations
145	Targeting and Modulation of Liver Myeloid Immune Cells by Hardâ€Shell Microbubbles. Advanced Biology, 2018, 2, 1800002.	3.0	6
146	The C-terminal region of human plasma fetuin-B is dispensable for the raised-elephant-trunk mechanism of inhibition of astacin metallopeptidases. Scientific Reports, 2019, 9, 14683.	3.3	6
147	Rapid calcification propensity testing in blood using a temperature controlled microfluidic polymer chip. PLoS ONE, 2020, 15, e0230493.	2.5	6
148	Development of the BioHybrid Assay: Combining Primary Human Vascular Smooth Muscle Cells and Blood to Measure Vascular Calcification Propensity. Cells, 2021, 10, 2097.	4.1	6
149	The E-modulus of the oocyte is a non-destructive measure of zona pellucida hardening. Reproduction, 2021, 162, 259-266.	2.6	6
150	A fluorescent method to determine vitamin K-dependent gamma-glutamyl carboxylase activity. Analytical Biochemistry, 2012, 421, 411-416.	2.4	5
151	Letter to the Editor, concerning: â€œFGF23-regulated production of fetuin-A (AHSG) in osteocytesâ€• Bone, 2016, 93, 223-224.	2.9	5
152	Posttranslational Processing of Human Î±₂â€HS Glycoprotein (Human Fetuin). FEBS Journal, 1994, 226, 59-69.	0.2	3
153	Alpha 2-HS glycoprotein (fetuin-A) modulates murine skin tumorigenesis. International Journal of Oncology, 2004, 25, 319.	3.3	2
154	CKD pathophysiology and complications. Nephrology Dialysis Transplantation, 2013, 28, i40-i41.	0.7	2
155	Isolation, characterization and spontaneous differentiation of human umbilical cord-derived mesenchymal stem cells. Journal of Stem Cells and Regenerative Medicine, 2007, 2, 121-2.	2.2	2
156	Polymer Micro Chips for the Analyses of Calcification Risk. Procedia Engineering, 2016, 168, 1386-1389.	1.2	1
157	Limited proteolysis by acrosin affects sperm-binding and mechanical resilience of the mouse zona pellucida. Molecular Human Reproduction, 2021, 27, .	2.8	1
158	â€œIt's Time To Get Leave,â€•Says Fetuin-A to Calcium Phosphate. Frontiers for Young Minds, 0, 9, .	0.8	1
159	Enhanced glucose clearance and insulin sensitivity in fetuin-deficient mice. Journal of Diabetes and Its Complications, 2001, 15, 23.	2.3	0
160	Cytotoxicity: Small 18/2009. Small, 2009, 5, NA-NA.	10.0	0
161	Cardiovascular complications in CKD 5D. Nephrology Dialysis Transplantation, 2012, 27, ii227-ii251.	0.7	0
162	Rasche Ultraschallfertigung von preiswerten Mikroreaktorsystemen. Chemie-Ingenieur-Technik, 2016, 88, 1380-1381.	0.8	0

#	Article	IF	Citations
163	Die Rolle von Magnesium bei Patienten mit Niereninsuffizienz. Nieren- Und Hochdruckkrankheiten, 2013, 42, 220-232.	0.0	0
164	Mapping of the H-Kininogen Binding Site Exposed by the Prekallikrein Heavy Chain. , 1992, 38 (Pt 1), 225-232.		0
165	Tissue Engineering â€“ Combining Cells and Biomaterials into Functional Tissues. , 2008, , 193-214.		0
166	Title is missing!. , 2020, 15, e0228503.		0
167	Title is missing!. , 2020, 15, e0228503.		0
168	Title is missing!. , 2020, 15, e0228503.		0
169	Title is missing!. , 2020, 15, e0228503.		0
170	Title is missing!. , 2020, 15, e0230493.		0
171	Title is missing!. , 2020, 15, e0230493.		0
172	Title is missing!. , 2020, 15, e0230493.		0
173	Title is missing!. , 2020, 15, e0230493.		0
174	Title is missing!. , 2020, 15, e0230493.		0
175	Title is missing!. , 2020, 15, e0230493.		0
176	Title is missing!. , 2020, 15, e0230493.		0
177	Title is missing!. , 2020, 15, e0228938.		0
178	Title is missing!. , 2020, 15, e0228938.		0
179	Title is missing!. , 2020, 15, e0228938.		0
180	Title is missing!. , 2020, 15, e0228938.		0