

Willi Jahnen-Dechent

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

175
papers

13,104
citations

55
h-index

113
g-index

192
ext. papers

14,702
ext. citations

6.7
avg, IF

6.06
L-index

#	Paper	IF	Citations
175	Tissue chaperoning-the expanded functions of fetuin-A beyond inhibition of systemic calcification.. <i>Pflugers Archiv European Journal of Physiology</i> , 2022 , 1	4.6	1
174	Live Imaging of Calciprotein Particle Clearance and Receptor Mediated Uptake: Role of Calciprotein Monomers. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 633925	5.7	5
173	Fetuin-A is a HIF target that safeguards tissue integrity during hypoxic stress. <i>Nature Communications</i> , 2021 , 12, 549	17.4	7
172	Development of the BioHybrid Assay: Combining Primary Human Vascular Smooth Muscle Cells and Blood to Measure Vascular Calcification Propensity. <i>Cells</i> , 2021 , 10,	7.9	1
171	Interleukin-1 β s a Central Regulator of Leukocyte-Endothelial Adhesion in Myocardial Infarction and in Chronic Kidney Disease. <i>Circulation</i> , 2021 , 144, 893-908	16.7	8
170	The E-modulus of the oocyte is a non-destructive measure of zona pellucida hardening. <i>Reproduction</i> , 2021 , 162, 259-266	3.8	1
169	Nature's remedy to phosphate woes: calciprotein particles regulate systemic mineral metabolism. <i>Kidney International</i> , 2020 , 97, 648-651	9.9	10
168	Calciprotein particles: mineral behaving badly?. <i>Current Opinion in Nephrology and Hypertension</i> , 2020 , 29, 378-386	3.5	10
167	Luminal calcification and microvasculopathy in fetuin-A-deficient mice lead to multiple organ morbidity. <i>PLoS ONE</i> , 2020 , 15, e0228503	3.7	21
166	Microvasculopathy and soft tissue calcification in mice are governed by fetuin-A, magnesium and pyrophosphate. <i>PLoS ONE</i> , 2020 , 15, e0228938	3.7	18
165	Apolipoprotein C3 induces inflammation and organ damage by alternative inflammasome activation. <i>Nature Immunology</i> , 2020 , 21, 30-41	19.1	78
164	Mud in the blood: the role of protein-mineral complexes and extracellular vesicles in biomineralisation and calcification. <i>Journal of Structural Biology</i> , 2020 , 212, 107577	3.4	18
163	Rapid calcification propensity testing in blood using a temperature controlled microfluidic polymer chip. <i>PLoS ONE</i> , 2020 , 15, e0230493	3.7	2
162	Luminal calcification and microvasculopathy in fetuin-A-deficient mice lead to multiple organ morbidity 2020 , 15, e0228503		
161	Luminal calcification and microvasculopathy in fetuin-A-deficient mice lead to multiple organ morbidity 2020 , 15, e0228503		
160	Luminal calcification and microvasculopathy in fetuin-A-deficient mice lead to multiple organ morbidity 2020 , 15, e0228503		
159	Luminal calcification and microvasculopathy in fetuin-A-deficient mice lead to multiple organ morbidity 2020 , 15, e0228503		

158	Rapid calcification propensity testing in blood using a temperature controlled microfluidic polymer chip 2020 , 15, e0230493		
157	Rapid calcification propensity testing in blood using a temperature controlled microfluidic polymer chip 2020 , 15, e0230493		
156	Rapid calcification propensity testing in blood using a temperature controlled microfluidic polymer chip 2020 , 15, e0230493		
155	Rapid calcification propensity testing in blood using a temperature controlled microfluidic polymer chip 2020 , 15, e0230493		
154	Rapid calcification propensity testing in blood using a temperature controlled microfluidic polymer chip 2020 , 15, e0230493		
153	Rapid calcification propensity testing in blood using a temperature controlled microfluidic polymer chip 2020 , 15, e0230493		
152	Rapid calcification propensity testing in blood using a temperature controlled microfluidic polymer chip 2020 , 15, e0230493		
151	Microvasculopathy and soft tissue calcification in mice are governed by fetuin-A, magnesium and pyrophosphate 2020 , 15, e0228938		
150	Microvasculopathy and soft tissue calcification in mice are governed by fetuin-A, magnesium and pyrophosphate 2020 , 15, e0228938		
149	Microvasculopathy and soft tissue calcification in mice are governed by fetuin-A, magnesium and pyrophosphate 2020 , 15, e0228938		
148	Microvasculopathy and soft tissue calcification in mice are governed by fetuin-A, magnesium and pyrophosphate 2020 , 15, e0228938		
147	Mammalian plasma fetuin-B is a selective inhibitor of ovastacin and meprin metalloproteinases. <i>Scientific Reports</i> , 2019 , 9, 546	4.9	27
146	The C-terminal region of human plasma fetuin-B is dispensable for the raised-elephant-trunk mechanism of inhibition of astacin metalloproteinases. <i>Scientific Reports</i> , 2019 , 9, 14683	4.9	3
145	Structure of mammalian plasma fetuin-B and its mechanism of selective metalloproteinase inhibition. <i>IUCrJ</i> , 2019 , 6, 317-330	4.7	13
144	Bone marrow lympho-myeloid malfunction in obesity requires precursor cell-autonomous TLR4. <i>Nature Communications</i> , 2018 , 9, 708	17.4	22
143	Targeting and Modulation of Liver Myeloid Immune Cells by Hard-Shell Microbubbles. <i>Advanced Biology</i> , 2018 , 2, 1800002	3.5	4
142	Histidine-rich glycoprotein-induced vascular normalization improves EPR-mediated drug targeting to and into tumors. <i>Journal of Controlled Release</i> , 2018 , 282, 25-34	11.7	14
141	Fetuin-A protein distribution in mature inflamed and ischemic brain tissue. <i>PLoS ONE</i> , 2018 , 13, e0206593	7.7	9

140	Cellular Clearance and Biological Activity of Calciprotein Particles Depend on Their Maturation State and Crystallinity. <i>Frontiers in Immunology</i> , 2018 , 9, 1991	8.4	45
139	Phosphate, Calcification in Blood, and Mineral Stress: The Physiologic Blood Mineral Buffering System and Its Association with Cardiovascular Risk. <i>International Journal of Nephrology</i> , 2018 , 2018, 9182078	1.7	22
138	Prothrombin Loading of Vascular Smooth Muscle Cell-Derived Exosomes Regulates Coagulation and Calcification. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, e22-e32	9.4	64
137	Growth factor-functionalized silk membranes support wound healing in vitro. <i>Biomedical Materials (Bristol)</i> , 2017 , 12, 045023	3.5	33
136	Latent TGF- β -binding protein-1 deficiency decreases female fertility. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 482, 1387-1392	3.4	4
135	Post-weaning epiphyseolysis causes distal femur dysplasia and foreshortened hindlimbs in fetuin-A-deficient mice. <i>PLoS ONE</i> , 2017 , 12, e0187030	3.7	14
134	Intracellular activation of ovastacin mediates pre-fertilization hardening of the zona pellucida. <i>Molecular Human Reproduction</i> , 2017 , 23, 607-616	4.4	15
133	Key Role of the Scavenger Receptor MARCO in Mediating Adenovirus Infection and Subsequent Innate Responses of Macrophages. <i>MBio</i> , 2017 , 8,	7.8	32
132	Recombinant fetuin-B protein maintains high fertilization rate in cumulus cell-free mouse oocytes. <i>Molecular Human Reproduction</i> , 2017 , 23, 25-33	4.4	11
131	Down-regulation of the liver-derived plasma protein fetuin-B mediates reversible female infertility. <i>Molecular Human Reproduction</i> , 2017 , 23, 34-44	4.4	15
130	Mesenchymal stem cells can be recruited to wounded tissue via hepatocyte growth factor-loaded biomaterials. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017 , 11, 2988-2998	4.4	20
129	Rasche Ultraschallfertigung von preiswerten Mikroreaktorsystemen. <i>Chemie-Ingenieur-Technik</i> , 2016 , 88, 1380-1381	0.8	
128	Histidine-rich glycoprotein promotes macrophage activation and inflammation in chronic liver disease. <i>Hepatology</i> , 2016 , 63, 1310-24	11.2	55
127	Letter to the Editor, concerning: "FGF23-regulated production of fetuin-A (AHSG) in osteocytes". <i>Bone</i> , 2016 , 93, 223-224	4.7	5
126	Calcification Propensity and Survival among Renal Transplant Recipients. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 239-48	12.7	92
125	Association of high fetuin-B concentrations in serum with fertilization rate in IVF: a cross-sectional pilot study. <i>Human Reproduction</i> , 2016 , 31, 630-7	5.7	23
124	Polymer Micro Chips for the Analyses of Calcification Risk. <i>Procedia Engineering</i> , 2016 , 168, 1386-1389		1
123	Cell surface serine protease matriptase-2 suppresses fetuin-A/AHSG-mediated induction of hepcidin. <i>Biological Chemistry</i> , 2015 , 396, 81-93	4.5	7

122	Analysis of Ebola Virus Entry Into Macrophages. <i>Journal of Infectious Diseases</i> , 2015 , 212 Suppl 2, S247-57		38
121	Arterial thrombosis is accelerated in mice deficient in histidine-rich glycoprotein. <i>Blood</i> , 2015 , 125, 2712-9		30
120	Cytotoxicity of Ultrasmall Gold Nanoparticles on Planktonic and Biofilm Encapsulated Gram-Positive Staphylococci. <i>Small</i> , 2015 , 11, 3183-93	11	61
119	Hybrid μ CT-FMT imaging and image analysis. <i>Journal of Visualized Experiments</i> , 2015 , e52770	1.6	25
118	Mammalian gamete fusion depends on the inhibition of ovastacin by fetuin-B. <i>Biological Chemistry</i> , 2014 , 395, 1195-9	4.5	16
117	Ex vivo expansion of cord blood-CD34(+) cells using IGFBP2 and Angptl-5 impairs short-term lymphoid repopulation in vivo. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013 , 7, 944-54	4.4	5
116	In Vivo Nanotoxicity Testing using the Zebrafish Embryo Assay. <i>Journal of Materials Chemistry B</i> , 2013 , 1,	7.3	89
115	HRG regulates tumor progression, epithelial to mesenchymal transition and metastasis via platelet-induced signaling in the pre-tumorigenic microenvironment. <i>Angiogenesis</i> , 2013 , 16, 889-902	10.6	13
114	Three-dimensional printing of stem cell-laden hydrogels submerged in a hydrophobic high-density fluid. <i>Biofabrication</i> , 2013 , 5, 015003	10.5	144
113	Biofabrication under fluorocarbon: a novel freeform fabrication technique to generate high aspect ratio tissue-engineered constructs. <i>BioResearch Open Access</i> , 2013 , 2, 374-84	2.4	69
112	Two-dimensional polymer-based cultures expand cord blood-derived hematopoietic stem cells and support engraftment of NSG mice. <i>Tissue Engineering - Part C: Methods</i> , 2013 , 19, 25-38	2.9	4
111	Embryonic stem cell-derived M2-like macrophages delay cutaneous wound healing. <i>Wound Repair and Regeneration</i> , 2013 , 21, 44-54	3.6	22
110	High-sensitivity real-time analysis of nanoparticle toxicity in green fluorescent protein-expressing zebrafish. <i>Small</i> , 2013 , 9, 863-9	11	41
109	Fetuin-a in the developing brain. <i>Developmental Neurobiology</i> , 2013 , 73, 354-69	3.2	11
108	Fetuin-B, a liver-derived plasma protein is essential for fertilization. <i>Developmental Cell</i> , 2013 , 25, 106-12	10.2	76
107	The role of fetuin-A in physiological and pathological mineralization. <i>Calcified Tissue International</i> , 2013 , 93, 355-64	3.9	91
106	Molecularly stabilised ultrasmall gold nanoparticles: synthesis, characterization and bioactivity. <i>Nanoscale</i> , 2013 , 5, 6224-42	7.7	72
105	CKD pathophysiology and complications. <i>Nephrology Dialysis Transplantation</i> , 2013 , 28, i40-i41	4.3	2

104	Novel insights into osteogenesis and matrix remodelling associated with calcific uraemic arteriopathy. <i>Nephrology Dialysis Transplantation</i> , 2013 , 28, 856-68	4.3	62
103	Differential hERG ion channel activity of ultrasmall gold nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 8004-9	11.5	53
102	Warfarin induces cardiovascular damage in mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 2618-24	9.4	76
101	Different Culture Media Affect Proliferation, Surface Epitope Expression, and Differentiation of Ovine MSC. <i>Stem Cells International</i> , 2013 , 2013, 387324	5	29
100	Hepatocyte growth factor-loaded biomaterials for mesenchymal stem cell recruitment. <i>Stem Cells International</i> , 2013 , 2013, 892065	5	23
99	Fluorescent SNAP-tag galectin fusion proteins as novel tools in glycobiology. <i>Current Pharmaceutical Design</i> , 2013 , 19, 5457-67	3.3	18
98	Effect of vitamin K2 supplementation on functional vitamin K deficiency in hemodialysis patients: a randomized trial. <i>American Journal of Kidney Diseases</i> , 2012 , 59, 186-95	7.4	209
97	Compatibility of different polymers for cord blood-derived hematopoietic progenitor cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2012 , 23, 109-16	4.5	6
96	Genetic deficiency in plasma protein HRG enhances tumor growth and metastasis by exacerbating immune escape and vessel abnormalization. <i>Cancer Research</i> , 2012 , 72, 1953-63	10.1	27
95	Cord blood-hematopoietic stem cell expansion in 3D fibrin scaffolds with stromal support. <i>Biomaterials</i> , 2012 , 33, 6987-97	15.6	135
94	Fetuin-A function in systemic mineral metabolism. <i>Trends in Cardiovascular Medicine</i> , 2012 , 22, 197-201	6.9	32
93	Cytotoxicity of gold nanoparticles. <i>Methods in Enzymology</i> , 2012 , 509, 225-42	1.7	16
92	Magnesium basics. <i>CKJ: Clinical Kidney Journal</i> , 2012 , 5, i3-i14	4.5	494
91	Vitamin K-antagonists accelerate atherosclerotic calcification and induce a vulnerable plaque phenotype. <i>PLoS ONE</i> , 2012 , 7, e43229	3.7	100
90	Accelerated growth plate mineralization and foreshortened proximal limb bones in fetuin-A knockout mice. <i>PLoS ONE</i> , 2012 , 7, e47338	3.7	43
89	A fluorescent method to determine vitamin K-dependent gamma-glutamyl carboxylase activity. <i>Analytical Biochemistry</i> , 2012 , 421, 411-6	3.1	4
88	Clearance of fetuin-A-containing calciprotein particles is mediated by scavenger receptor-A. <i>Circulation Research</i> , 2012 , 111, 575-84	15.7	122
87	Nanoparticle-based test measures overall propensity for calcification in serum. <i>Journal of the American Society of Nephrology: JASN</i> , 2012 , 23, 1744-52	12.7	202

86	Context dependent role of the CD36--thrombospondin--histidine-rich glycoprotein axis in tumor angiogenesis and growth. <i>PLoS ONE</i> , 2012 , 7, e40033	3.7	22
85	A hepatic protein, fetuin-A, occupies a protective role in lethal systemic inflammation. <i>PLoS ONE</i> , 2011 , 6, e16945	3.7	96
84	Formation and stability kinetics of calcium phosphate-fetuin-A colloidal particles probed by time-resolved dynamic light scattering. <i>Soft Matter</i> , 2011 , 7, 2869	3.6	31
83	Enhanced platelet activation mediates the accelerated angiogenic switch in mice lacking histidine-rich glycoprotein. <i>PLoS ONE</i> , 2011 , 6, e14526	3.7	13
82	An electrochemical impedance spectroscopy (EIS) assay measuring the calcification inhibition capacity in biological fluids. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 4702-7	11.8	9
81	Exposure to uremic serum induces a procalcific phenotype in human mesenchymal stem cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, e45-54	9.4	40
80	Standardization of automated cell-based protocols for toxicity testing of biomaterials. <i>Journal of Biomolecular Screening</i> , 2011 , 16, 647-54		5
79	Fetuin-A regulation of calcified matrix metabolism. <i>Circulation Research</i> , 2011 , 108, 1494-509	15.7	270
78	Impact of sirolimus, tacrolimus and mycophenolate mofetil on osteoclastogenesis--implications for post-transplantation bone disease. <i>Nephrology Dialysis Transplantation</i> , 2011 , 26, 4115-23	4.3	60
77	Peripheral administration of fetuin-A attenuates early cerebral ischemic injury in rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010 , 30, 493-504	7.3	54
76	Serological cardiovascular and mortality risk predictors in dialysis patients receiving sevelamer: a prospective study. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 2672-9	4.3	65
75	The case: milky ascites is not always chylous. <i>Kidney International</i> , 2010 , 77, 77-8	9.9	19
74	Fetuin-A is a mineral carrier protein: small angle neutron scattering provides new insight on Fetuin-A controlled calcification inhibition. <i>Biophysical Journal</i> , 2010 , 99, 3986-95	2.9	68
73	Secretion of fibrinolytic enzymes facilitates human mesenchymal stem cell invasion into fibrin clots. <i>Cells Tissues Organs</i> , 2010 , 191, 36-46	2.1	70
72	Fetuin-A and cystatin C are endogenous inhibitors of human meprin metalloproteases. <i>Biochemistry</i> , 2010 , 49, 8599-607	3.2	61
71	Type 3 cystatins; fetuins, kininogen and histidine-rich glycoprotein. <i>Frontiers in Bioscience - Landmark</i> , 2009 , 14, 2911-22	2.8	68
70	Activated platelets provide a functional microenvironment for the antiangiogenic fragment of histidine-rich glycoprotein. <i>Molecular Cancer Research</i> , 2009 , 7, 1792-802	6.6	30
69	Association of fetuin-A levels with the progression of aortic valve calcification in non-dialyzed patients. <i>European Heart Journal</i> , 2009 , 30, 2054-61	9.5	50

68	Sevelamer and the bone-vascular axis in chronic kidney disease: bone turnover, inflammation, and calcification regulation. <i>Kidney International</i> , 2009 , S26-33	9.9	14
67	Fetuin-A protects against atherosclerotic calcification in CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 1264-74	12.7	132
66	The physiologic development of fetuin-a serum concentrations in children. <i>Pediatric Research</i> , 2009 , 66, 660-4	3.2	20
65	A shielding topology stabilizes the early stage protein-mineral complexes of fetuin-A and calcium phosphate: a time-resolved small-angle X-ray study. <i>ChemBioChem</i> , 2009 , 10, 735-40	3.8	47
64	Gold nanoparticles of diameter 1.4 nm trigger necrosis by oxidative stress and mitochondrial damage. <i>Small</i> , 2009 , 5, 2067-76	11	595
63	In vitro cell alignment obtained with a Schwann cell enriched microstructured nerve guide with longitudinal guidance channels. <i>Biomaterials</i> , 2009 , 30, 169-79	15.6	141
62	Posttranslational Processing of Human α -HS Glycoprotein (Human Fetuin). <i>FEBS Journal</i> , 2008 , 226, 59-69		
61	Histidine-rich glycoprotein protects from systemic Candida infection. <i>PLoS Pathogens</i> , 2008 , 4, e1000116	6	51
60	Hierarchical role of fetuin-A and acidic serum proteins in the formation and stabilization of calcium phosphate particles. <i>Journal of Biological Chemistry</i> , 2008 , 283, 14815-25	5.4	157
59	Mineral chaperones: a role for fetuin-A and osteopontin in the inhibition and regression of pathologic calcification. <i>Journal of Molecular Medicine</i> , 2008 , 86, 379-89	5.5	137
58	Assessment of stem cell/biomaterial combinations for stem cell-based tissue engineering. <i>Biomaterials</i> , 2008 , 29, 302-13	15.6	141
57	Biomimetic modification of the TiO ₂ /glass composite Ecopore with heparinized collagen and the osteoinductive factor BMP-2. <i>Acta Biomaterialia</i> , 2008 , 4, 997-1004	10.8	23
56	Tissue Engineering [Combining Cells and Biomaterials into Functional Tissues 2008 , 193-214		
55	Structural dynamics of a colloidal protein-mineral complex bestowing on calcium phosphate a high solubility in biological fluids. <i>Biointerphases</i> , 2007 , 2, 16-20	1.8	81
54	Size-dependent cytotoxicity of gold nanoparticles. <i>Small</i> , 2007 , 3, 1941-9	11	1414
53	Vascular calcification and fetuin-A deficiency in chronic kidney disease. <i>Trends in Cardiovascular Medicine</i> , 2007 , 17, 124-8	6.9	52
52	Fetuin-A (AHSG) prevents extraosseous calcification induced by uraemia and phosphate challenge in mice. <i>Nephrology Dialysis Transplantation</i> , 2007 , 22, 1537-46	4.3	76
51	Proteolytic processing by matrix metalloproteinases and phosphorylation by protein kinase CK2 of fetuin-A, the major globulin of fetal calf serum. <i>Biochimie</i> , 2007 , 89, 410-8	4.6	18

50	Isolation, characterization and spontaneous differentiation of human umbilical cord-derived mesenchymal stem cells. <i>Journal of Stem Cells and Regenerative Medicine</i> , 2007 , 2, 121-2	0.8	2
49	CCAAT enhancer binding protein beta and hepatocyte nuclear factor 3beta are necessary and sufficient to mediate dexamethasone-induced up-regulation of alpha2HS-glycoprotein/fetuin-A gene expression. <i>Journal of Molecular Endocrinology</i> , 2006 , 36, 261-77	4.5	30
48	The effect of surface modification of a porous TiO ₂ /perlite composite on the ingrowth of bone tissue in vivo. <i>Biomaterials</i> , 2006 , 27, 1270-6	15.6	30
47	Do not be misguided by guidelines: the calcium x phosphate product can be a Trojan horse. <i>Nephrology Dialysis Transplantation</i> , 2005 , 20, 673-7	4.3	27
46	Multifunctional roles for serum protein fetuin-a in inhibition of human vascular smooth muscle cell calcification. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 2920-30	12.7	272
45	In vitro behavior of a porous TiO ₂ /perlite composite and its surface modification with fibronectin. <i>Biomaterials</i> , 2005 , 26, 2813-26	15.6	27
44	Enhanced blood coagulation and fibrinolysis in mice lacking histidine-rich glycoprotein (HRG). <i>Journal of Thrombosis and Haemostasis</i> , 2005 , 3, 865-72	15.4	69
43	Role of calcification inhibitors in the pathogenesis of vascular calcification in chronic kidney disease (CKD). <i>Kidney International</i> , 2005 , 67, 2295-304	9.9	269
42	Lot's Wife's Problem Revisited: How We Prevent Pathological Calcification 2005 , 243-267		8
41	Myocardial stiffness, cardiac remodeling, and diastolic dysfunction in calcification-prone fetuin-A-deficient mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 3357-64	12.7	113
40	Fetuin-A, a hepatocyte-specific protein that binds Plasmodium berghei thrombospondin-related adhesive protein: a potential role in infectivity. <i>Infection and Immunity</i> , 2005 , 73, 5883-91	3.7	28
39	The serum glycoprotein fetuin-A promotes Lewis lung carcinoma tumorigenesis via adhesive-dependent and adhesive-independent mechanisms. <i>Cancer Research</i> , 2005 , 65, 499-506	10.1	45
38	alpha2HS-glycoprotein, an antagonist of transforming growth factor beta in vivo, inhibits intestinal tumor progression. <i>Cancer Research</i> , 2004 , 64, 6402-9	10.1	75
37	Human vascular smooth muscle cells undergo vesicle-mediated calcification in response to changes in extracellular calcium and phosphate concentrations: a potential mechanism for accelerated vascular calcification in ESRD. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 2857-67	12.7	715
36	Alpha 2-HS glycoprotein (fetuin-A) modulates murine skin tumorigenesis 2004 , 25, 319		0
35	Functional expression of HGF and HGF receptor/c-met in adult human mesenchymal stem cells suggests a role in cell mobilization, tissue repair, and wound healing. <i>Stem Cells</i> , 2004 , 22, 405-14	5.8	256
34	Effect of sample preparation on the in vitro genotoxicity of a light curable glass ionomer cement. <i>Biomaterials</i> , 2003 , 24, 611-7	15.6	16
33	Modulation of angiogenic functions in human macrophages by biomaterials. <i>Biomaterials</i> , 2003 , 24, 3395-401	15.6	14

32	Deficiencies of calcium-regulatory proteins in dialysis patients: a novel concept of cardiovascular calcification in uremia. <i>Kidney International</i> , 2003 , S84-7	9.9	76
31	Association of low fetuin-A (AHSG) concentrations in serum with cardiovascular mortality in patients on dialysis: a cross-sectional study. <i>Lancet, The</i> , 2003 , 361, 827-33	4.0	723
30	Tissue distribution and activity testing suggest a similar but not identical function of fetuin-B and fetuin-A. <i>Biochemical Journal</i> , 2003 , 376, 135-45	3.8	211
29	Structural basis of calcification inhibition by alpha 2-HS glycoprotein/fetuin-A. Formation of colloidal calciprotein particles. <i>Journal of Biological Chemistry</i> , 2003 , 278, 13333-41	5.4	321
28	The serum protein alpha 2-Heremans-Schmid glycoprotein/fetuin-A is a systemically acting inhibitor of ectopic calcification. <i>Journal of Clinical Investigation</i> , 2003 , 112, 357-66	15.9	617
27	Differential regulation of the expression of transporters associated with antigen processing, TAP1 and TAP2, by cytokines and lipopolysaccharide in primary human macrophages. <i>Inflammation Research</i> , 2002 , 51, 403-8	7.2	18
26	Improved insulin sensitivity and resistance to weight gain in mice null for the Ahsg gene. <i>Diabetes</i> , 2002 , 51, 2450-8	0.9	269
25	Novel insights into uremic vascular calcification: role of matrix Gla protein and alpha-2-Heremans Schmid glycoprotein/fetuin. <i>Blood Purification</i> , 2002 , 20, 473-6	3.1	48
24	alpha 2-HS glycoprotein/fetuin, a transforming growth factor-beta/bone morphogenetic protein antagonist, regulates postnatal bone growth and remodeling. <i>Journal of Biological Chemistry</i> , 2002 , 277, 19991-7	5.4	164
23	Fine mapping of the H-kininogen binding site in plasma prekallikrein apple domain 2. <i>International Immunopharmacology</i> , 2002 , 2, 1867-73	5.8	10
22	Systemic inhibition of spontaneous calcification by the serum protein alpha 2-HS glycoprotein/fetuin. <i>Clinical Research in Cardiology</i> , 2001 , 90, III47-III56		27
21	The vesicular stomatitis virus matrix protein inhibits glycoprotein 130-dependent STAT activation. <i>Journal of Immunology</i> , 2001 , 167, 5209-16	5.3	10
20	Systemic inhibition of spontaneous calcification by the serum protein alpha 2-HS glycoprotein/fetuin. <i>Clinical Research in Cardiology</i> , 2001 , 90 Suppl 3, 47-56		16
19	Rat fetuin: distribution of protein and mRNA in embryonic and neonatal rat tissues. <i>Anatomy and Embryology</i> , 1998 , 197, 125-33		42
18	The multiligand-binding protein gC1qR, putative C1q receptor, is a mitochondrial protein. <i>Journal of Immunology</i> , 1998 , 160, 3534-42	5.3	132
17	Cloning and targeted deletion of the mouse fetuin gene. <i>Journal of Biological Chemistry</i> , 1997 , 272, 31496-503	5.4	179
16	Human histidine-rich glycoprotein expressed in SF9 insect cells inhibits apatite formation. <i>FEBS Letters</i> , 1997 , 412, 559-62	3.8	18
15	Limited proteolysis of human alpha2-HS glycoprotein/fetuin. Evidence that a chymotryptic activity can release the connecting peptide. <i>Journal of Biological Chemistry</i> , 1996 , 271, 31735-41	5.4	35

14	The serum protein alpha2-HS glycoprotein/fetuin inhibits apatite formation in vitro and in mineralizing calvaria cells. A possible role in mineralization and calcium homeostasis. <i>Journal of Biological Chemistry</i> , 1996 , 271, 20789-96	5.4	278
13	Posttranslational processing of human alpha 2-HS glycoprotein (human fetuin). Evidence for the production of a phosphorylated single-chain form by hepatoma cells. <i>FEBS Journal</i> , 1994 , 226, 59-69		41
12	Molecular diversity at the self-incompatibility locus is a salient feature in natural populations of wild tomato (<i>Lycopersicon peruvianum</i>). <i>Molecular Genetics and Genomics</i> , 1993 , 238, 419-27		33
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