

Israel Vlodavsky

List of Publications by Year in descending order

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Version: 2024-02-01

352
papers

23,557
citations

6124

83
h-index

12940

136
g-index

355
all docs

355
docs citations

355
times ranked

13288
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of heparanase 2 (Hpa2) expression by stress is mediated by ATF3. <i>Matrix Biology</i> , 2022, 105, 17-30.	1.5	7
2	Implications of Heparanase on Heparin Synthesis and Metabolism in Mast Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4821.	1.8	3
3	Heparan Sulfate Mimicking Glycopolymer Prevents Pancreatic β^2 Cell Destruction and Suppresses Inflammatory Cytokine Expression in Islets under the Challenge of Upregulated Heparanase. <i>ACS Chemical Biology</i> , 2022, 17, 1387-1400.	1.6	5
4	Heparanase Expression Propagates Liver Damage in CCL4-Induced Mouse Model. <i>Cells</i> , 2022, 11, 2035.	1.8	1
5	Dichotomic role of heparanase in a murine model of metabolic syndrome. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 2771-2780.	2.4	4
6	COVID-19-induced endotheliitis: emerging evidence and possible therapeutic strategies. <i>British Journal of Haematology</i> , 2021, 193, 43-51.	1.2	49
7	Heparanase 2 (Hpa2) attenuates the growth of pancreatic carcinoma. <i>Matrix Biology</i> , 2021, 98, 21-31.	1.5	12
8	A Pro-Tumorigenic Effect of Heparanase 2 (Hpa2) in Thyroid Carcinoma Involves Its Localization to the Nuclear Membrane. <i>Frontiers in Oncology</i> , 2021, 11, 645524.	1.3	2
9	Disruption of innate defense responses by endoglycosidase HPSE promotes cell survival. <i>JCI Insight</i> , 2021, 6, .	2.3	14
10	Biology of the Heparanase-Heparan Sulfate Axis and Its Role in Disease Pathogenesis. <i>Seminars in Thrombosis and Hemostasis</i> , 2021, 47, 240-253.	1.5	16
11	Heparanase overexpression impedes perivascular clearance of amyloid- β^2 from murine brain: relevance to Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2021, 9, 84.	2.4	7
12	Heparanase 2 (Hpa2) attenuates tumor growth by inducing Sox2 expression. <i>Matrix Biology</i> , 2021, 99, 58-71.	1.5	12
13	<i>Parabacteroides</i> produces acetate to alleviate heparanase-exacerbated acute pancreatitis through reducing neutrophil infiltration. <i>Microbiome</i> , 2021, 9, 115.	4.9	97
14	New Heparanase-Inhibiting Triazolo-Thiadiazoles Attenuate Primary Tumor Growth and Metastasis. <i>Cancers</i> , 2021, 13, 2959.	1.7	8
15	<i>Helicobacter pylori</i> -Induced Heparanase Promotes <i>H. pylori</i> Colonization and Gastritis. <i>Frontiers in Immunology</i> , 2021, 12, 675747.	2.2	16
16	Defibrotide: potential for treating endothelial dysfunction related to viral and post-infectious syndromes. <i>Expert Opinion on Therapeutic Targets</i> , 2021, 25, 423-433.	1.5	6
17	The HPSE Gene Insulator-A Novel Regulatory Element That Affects Heparanase Expression, Stem Cell Mobilization, and the Risk of Acute Graft versus Host Disease. <i>Cells</i> , 2021, 10, 2523.	1.8	5
18	Role of heparanase 2 (Hpa2) in gastric cancer. <i>Neoplasia</i> , 2021, 23, 966-978.	2.3	8

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19	Extracellular matrix-based cancer targeting. <i>Trends in Molecular Medicine</i> , 2021, 27, 1000-1013.	3.5	66
20	<i>In vivo</i> modulation of ubiquitin chains by N-methylated non-proteinogenic cyclic peptides. <i>RSC Chemical Biology</i> , 2021, 2, 513-522.	2.0	16
21	Heparanase Deficiency Is Associated with Disruption, Detachment, and Folding of the Retinal Pigment Epithelium. <i>Current Eye Research</i> , 2021, 46, 1166-1170.	0.7	6
22	Chemoenzymatic Synthesis of D-Glucaro- α -Lactam Containing Oligosaccharides as Putative Heparanase Inhibitors. <i>ChemistrySelect</i> , 2021, 6, 11690-11695.	0.7	0
23	CMV Seropositive Status Increases Heparanase SNPs Regulatory Activity, Risk of Acute GVHD and Yield of CD34+ Cell Mobilization. <i>Cells</i> , 2021, 10, 3489.	1.8	2
24	Heparanase and Chemotherapy Synergize to Drive Macrophage Activation and Enhance Tumor Growth. <i>Cancer Research</i> , 2020, 80, 57-68.	0.4	32
25	Novel N-acetyl-Glycol-split heparin biotin-conjugates endowed with anti-heparanase activity. <i>European Journal of Medicinal Chemistry</i> , 2020, 186, 111831.	2.6	8
26	Cloning of two splice variants of Spalax heparanase encoding for truncated proteins. <i>Anti-Cancer Drugs</i> , 2020, 31, 885-889.	0.7	1
27	Heparanase-enhanced Shedding of Syndecan-1 and Its Role in Driving Disease Pathogenesis and Progression. <i>Journal of Histochemistry and Cytochemistry</i> , 2020, 68, 823-840.	1.3	43
28	The Potential of Low Molecular Weight Heparin to Mitigate Cytokine Storm in Severe COVID-19 Patients: A Retrospective Cohort Study. <i>Clinical and Translational Science</i> , 2020, 13, 1087-1095.	1.5	132
29	Response to Maccio et al, "Multifactorial pathogenesis of COVID-19-related coagulopathy: Can defibrinolytic have a role in the early phases of coagulation disorders?" <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 3111-3113.	1.9	10
30	Syndecan-1-Dependent Regulation of Heparanase Affects Invasiveness, Stem Cell Properties, and Therapeutic Resistance of Caco2 Colon Cancer Cells. <i>Frontiers in Oncology</i> , 2020, 10, 774.	1.3	16
31	Significance of host heparanase in promoting tumor growth and metastasis. <i>Matrix Biology</i> , 2020, 93, 25-42.	1.5	21
32	Modulating Heparanase Activity: Tuning Sulfation Pattern and Glycosidic Linkage of Oligosaccharides. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 4227-4255.	2.9	10
33	Heparanase Loosens E-Cadherin-Mediated Cell-Cell Contact via Activation of Src. <i>Frontiers in Oncology</i> , 2020, 10, 2.	1.3	5
34	Elucidating the Consequences of Heparan Sulfate Binding by Heparanase 2. <i>Frontiers in Oncology</i> , 2020, 10, 627463.	1.3	6
35	Forty Years of Basic and Translational Heparanase Research. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1221, 3-59.	0.8	48
36	Mechanism of HPSE Gene SNPs Function: From Normal Processes to Inflammation, Cancerogenesis and Tumor Progression. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1221, 231-249.	0.8	6

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37	Heparanase-The Message Comes in Different Flavors. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1221, 253-283.	0.8	19
38	Synthesis, Cytotoxic and Heparanase Inhibition Studies of 5-oxo-1-arylpyrrolidine-3- carboxamides of Hydrazides and 4-amino-5-aryl-4H-1,2,4-triazole-3-thiol. <i>Current Organic Synthesis</i> , 2020, 17, 243-250.	0.7	4
39	Defibrotide for the Treatment of Endotheliitis Complicating Sars-Cov-2 Infection: Rationale and Ongoing Studies As Part of the International Defacovid Study Group. <i>Blood</i> , 2020, 136, 6-8.	0.6	1
40	The heparanase inhibitor PG545 is a potent anti-lymphoma drug: Mode of action. <i>Matrix Biology</i> , 2019, 77, 58-72.	1.5	43
41	Targeting Heparanase in Cancer: Inhibition by Synthetic, Chemically Modified, and Natural Compounds. <i>IScience</i> , 2019, 15, 360-390.	1.9	81
42	Heparanase protects the heart against chemical or ischemia/reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 131, 29-40.	0.9	13
43	Heparanase promotes glioma progression via enhancing CD24 expression. <i>International Journal of Cancer</i> , 2019, 145, 1596-1608.	2.3	33
44	Systemic LPS-induced A β -solubilization and clearance in A β PP-transgenic mice is diminished by heparanase overexpression. <i>Scientific Reports</i> , 2019, 9, 4600.	1.6	10
45	Heparanase Accelerates Obesity-Associated Breast Cancer Progression. <i>Cancer Research</i> , 2019, 79, 5342-5354.	0.4	26
46	Is host heparanase required for the rapid spread of heparan sulfate binding viruses?. <i>Virology</i> , 2019, 529, 1-6.	1.1	15
47	Specific Inhibition of Heparanase by a Glycopolymer with Well-Defined Sulfation Pattern Prevents Breast Cancer Metastasis in Mice. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 244-254.	4.0	46
48	Proteases and glycosidases on the surface of exosomes: Newly discovered mechanisms for extracellular remodeling. <i>Matrix Biology</i> , 2019, 75-76, 160-169.	1.5	123
49	Overexpression of heparanase in mice promoted megakaryopoiesis. <i>Glycobiology</i> , 2018, 28, 269-275.	1.3	4
50	Involvement of Heparanase in the Pathogenesis of Mesothelioma: Basic Aspects and Clinical Applications. <i>Journal of the National Cancer Institute</i> , 2018, 110, 1102-1114.	3.0	41
51	Dual effects of hyperglycemia on endothelial cells and cardiomyocytes to enhance coronary LPL activity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H82-H94.	1.5	12
52	Targeting heparanase to the mammary epithelium enhances mammary gland development and promotes tumor growth and metastasis. <i>Matrix Biology</i> , 2018, 65, 91-103.	1.5	34
53	Chemotherapy induces secretion of exosomes loaded with heparanase that degrades extracellular matrix and impacts tumor and host cell behavior. <i>Matrix Biology</i> , 2018, 65, 104-118.	1.5	172
54	Supersulfated low-molecular weight heparin synergizes with IGF1R/IR inhibitor to suppress synovial sarcoma growth and metastases. <i>Cancer Letters</i> , 2018, 415, 187-197.	3.2	24

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55	Opposing Functions of Heparanase-1 and Heparanase-2 in Cancer Progression. Trends in Biochemical Sciences, 2018, 43, 18-31.	3.7	117
56	Dendrimer Heparan Sulfate Glycomimetics: Potent Heparanase Inhibitors for Anticancer Therapy. ACS Chemical Biology, 2018, 13, 3236-3242.	1.6	28
57	Prognostic significance of heparanase expression in primary and metastatic breast carcinoma. Oncotarget, 2018, 9, 6238-6244.	0.8	17
58	Pro-Angiogenic Effects of Latent Heparanase and Thrombin Receptor-Mediated Pathways – Do They Share a Common Ground in Melanoma Cells?. Thrombosis and Haemostasis, 2018, 118, 1803-1814.	1.8	8
59	Identification of strong intron enhancer in the heparanase gene: effect of functional rs4693608 variant on HPSE enhancer activity in hematological and solid malignancies. Oncogenesis, 2018, 7, 51.	2.1	16
60	Patient derived xenografts (PDX) predict an effective heparanase-based therapy for lung cancer. Oncotarget, 2018, 9, 19294-19306.	0.8	10
61	Heparanase inhibitors restrain mesothelioma. Oncotarget, 2018, 9, 36830-36832.	0.8	5
62	Overexpression of heparanase attenuated TGF α -stimulated signaling in tumor cells. FEBS Open Bio, 2017, 7, 405-413.	1.0	13
63	Overexpression of heparanase enhances T lymphocyte activities and intensifies the inflammatory response in a model of murine rheumatoid arthritis. Scientific Reports, 2017, 7, 46229.	1.6	28
64	The Heparanase Inhibitor PG545 Attenuates Colon Cancer Initiation and Growth, Associating with Increased p21 Expression. Neoplasia, 2017, 19, 175-184.	2.3	25
65	The Role of Heparanase in the Pathogenesis of Acute Pancreatitis: A Potential Therapeutic Target. Scientific Reports, 2017, 7, 715.	1.6	28
66	Loss of VEGFB and its signaling in the diabetic heart is associated with increased cell death signaling. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H1163-H1175.	1.5	26
67	Inhibition of Heparanase in Pediatric Brain Tumor Cells Attenuates their Proliferation, Invasive Capacity, and <i>In Vivo</i> Tumor Growth. Molecular Cancer Therapeutics, 2017, 16, 1705-1716.	1.9	32
68	Identification of Novel Class of Triazolo-Thiadiazoles as Potent Inhibitors of Human Heparanase and their Anticancer Activity. BMC Cancer, 2017, 17, 235.	1.1	44
69	Heparanase regulation of cancer, autophagy and inflammation: new mechanisms and targets for therapy. FEBS Journal, 2017, 284, 42-55.	2.2	182
70	Heparanase Overexpression Induces Glucagon Resistance and Protects Animals From Chemically Induced Diabetes. Diabetes, 2017, 66, 45-57.	0.3	12
71	Syndecan-1 deficiency promotes tumor growth in a murine model of colitis-induced colon carcinoma. PLoS ONE, 2017, 12, e0174343.	1.1	28
72	Involvement of heparanase in the pathogenesis of acute kidney injury: nephroprotective effect of PG545. Oncotarget, 2017, 8, 34191-34204.	0.8	32

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73	Heparanase. , 2017, , 2014-2018.		0
74	Heparanase Overexpression Reduces Heparanase Expression, Affects Iron Homeostasis and Alters the Response to Inflammation. PLoS ONE, 2016, 11, e0164183.	1.1	16
75	MPO79HEPARANASE: A POTENTIAL NEW FACTOR INVOLVED IN THE PRO-FIBROTIC RENAL BIOLOGICAL MACHINERY ACTIVATED BY THE ISCHEMIA-REPERFUSION INJURY. Nephrology Dialysis Transplantation, 2016, 31, i368-i369.	0.4	0
76	High glucose facilitated endothelial heparanase transfer to the cardiomyocyte modifies its cell death signature. Cardiovascular Research, 2016, 112, 656-668.	1.8	15
77	Heparanase 2 Attenuates Head and Neck Tumor Vascularity and Growth. Cancer Research, 2016, 76, 2791-2801.	0.4	32
78	Chemotherapy induces expression and release of heparanase leading to changes associated with an aggressive tumor phenotype. Matrix Biology, 2016, 55, 22-34.	1.5	70
79	Heparanase and cancer progression: New directions, new promises. Human Vaccines and Immunotherapeutics, 2016, 12, 2253-2256.	1.4	32
80	Lung ICAM-1 and ICAM-2 support spontaneous intravascular effector lymphocyte entrapment but are not required for neutrophil entrapment or emigration inside endotoxin-inflamed lungs. FASEB Journal, 2016, 30, 1767-1778.	0.2	17
81	Heparanase: From basic research to therapeutic applications in cancer and inflammation. Drug Resistance Updates, 2016, 29, 54-75.	6.5	180
82	Heparanase Promotes Glioma Progression and Is Inversely Correlated with Patient Survival. Molecular Cancer Research, 2016, 14, 1243-1253.	1.5	62
83	Heparanase is required for activation and function of macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E7808-E7817.	3.3	85
84	Macrophage-Induced Lymphangiogenesis and Metastasis following Paclitaxel Chemotherapy Is Regulated by VEGFR3. Cell Reports, 2016, 17, 1344-1356.	2.9	88
85	Heparanase Is Essential for the Development of Acute Experimental Glomerulonephritis. American Journal of Pathology, 2016, 186, 805-815.	1.9	45
86	Heparanase-neutralizing antibodies attenuate lymphoma tumor growth and metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 704-709.	3.3	103
87	Cardiomyocyte VEGF Regulates Endothelial Cell GPIHBP1 to Relocate Lipoprotein Lipase to the Coronary Lumen During Diabetes Mellitus. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 145-155.	1.1	30
88	Functional rs4693608 SNP is Located into Strong Hpsc Gene Intron Enhancer and Thereby Influences to the Ability of Nuclear Proteins Binding and Activity of This Enhancer in Broad Number of Hematological Cell Lines and ALL/AML Primary Samples. Blood, 2016, 128, 3934-3934.	0.6	1
89	Heparanase: A Potential New Factor Involved in the Renal Epithelial Mesenchymal Transition (EMT) Induced by Ischemia/Reperfusion (I/R) Injury. PLoS ONE, 2016, 11, e0160074.	1.1	47
90	The prognostic significance of heparanase expression in metastatic melanoma. Oncotarget, 2016, 7, 74678-74685.	0.8	21

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91	Heparanase 2 expression inversely correlates with bladder carcinoma grade and stage. <i>Oncotarget</i> , 2016, 7, 22556-22565.	0.8	25
92	Heparanase expression upregulates platelet adhesion activity and thrombogenicity. <i>Oncotarget</i> , 2016, 7, 39486-39496.	0.8	31
93	Involvement of Heparanase in Empyema: Implication for Novel Therapeutic Approaches. <i>Journal of Clinical & Cellular Immunology</i> , 2015, 06, .	1.5	4
94	Nephroprotective Effect of Heparanase in Experimental Nephrotic Syndrome. <i>PLoS ONE</i> , 2015, 10, e0119610.	1.1	10
95	Function from within: Autophagy induction by HPSE/heparanase—new possibilities for intervention. <i>Autophagy</i> , 2015, 11, 2387-2389.	4.3	30
96	Heparanase of murine effector lymphocytes and neutrophils is not required for their diapedesis into sites of inflammation. <i>FASEB Journal</i> , 2015, 29, 2010-2021.	0.2	29
97	Heparanase Enhances Tumor Growth and Chemoresistance by Promoting Autophagy. <i>Cancer Research</i> , 2015, 75, 3946-3957.	0.4	131
98	Heparan Sulfate Proteoglycans Are Important for Islet Amyloid Formation and Islet Amyloid Polypeptide-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2015, 290, 15121-15132.	1.6	39
99	Latent Heparanase Facilitates VLA-4-Mediated Melanoma Cell Binding and Emerges As a Relevant Target of Heparin in the Interference with Metastatic Progression. <i>Seminars in Thrombosis and Hemostasis</i> , 2015, 41, 244-254.	1.5	11
100	Overexpression of Heparanase Lowers the Amyloid Burden in Amyloid- β^2 Precursor Protein Transgenic Mice. <i>Journal of Biological Chemistry</i> , 2015, 290, 5053-5064.	1.6	41
101	Mammary Branching Morphogenesis Requires Reciprocal Signaling by Heparanase and MMP-14. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 1668-1679.	1.2	24
102	A mouse model of urofacial syndrome with dysfunctional urination. <i>Human Molecular Genetics</i> , 2015, 24, 1991-1999.	1.4	27
103	Antitumor properties of a new non-anticoagulant heparin analog from the mollusk <i>Nodipecten nodosus</i> : Effect on P-selectin, heparanase, metastasis and cellular recruitment. <i>Glycobiology</i> , 2015, 25, 386-393.	1.3	50
104	Heparanase. , 2015, , 1-5.		0
105	Heparanase Interacts with Resistin and Augments Its Activity. <i>PLoS ONE</i> , 2014, 9, e85944.	1.1	10
106	Novel peptides that inhibit heparanase activation of the coagulation system. <i>Thrombosis and Haemostasis</i> , 2014, 112, 466-477.	1.8	19
107	Modification of heparanase gene expression in response to conditioning and LPS treatment: strong correlation to rs4693608 SNP. <i>Journal of Leukocyte Biology</i> , 2014, 95, 677-688.	1.5	16
108	Endothelial Cell Heparanase Taken Up by Cardiomyocytes Regulates Lipoprotein Lipase Transfer to the Coronary Lumen After Diabetes. <i>Diabetes</i> , 2014, 63, 2643-2655.	0.3	23

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109	Heparanase is preferentially expressed in human psoriatic lesions and induces development of psoriasiform skin inflammation in mice. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 2347-2357.	2.4	14
110	The potential of heparanase as a therapeutic target in cancer. <i>Biochemical Pharmacology</i> , 2014, 89, 12-19.	2.0	98
111	Endothelial cells respond to hyperglycemia by increasing the LPL transporter GPIHBP1. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E1274-E1283.	1.8	16
112	Heparanase expression in Langerhans cell histiocytosis. <i>Pediatric Blood and Cancer</i> , 2014, 61, 1883-1885.	0.8	2
113	Processing of heparanase is mediated by syndecan-1 cytoplasmic domain and involves syntenin and β -actinin. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 4457-4470.	2.4	33
114	Heparanase Cooperates with <i>Ras</i> to Drive Breast and Skin Tumorigenesis. <i>Cancer Research</i> , 2014, 74, 4504-4514.	0.4	62
115	Endothelial Heparanase Regulates Heart Metabolism by Stimulating Lipoprotein Lipase Secretion From Cardiomyocytes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 894-902.	1.1	29
116	Involvement of heparanase in atherosclerosis and other vessel wall pathologies. <i>Matrix Biology</i> , 2013, 32, 241-251.	1.5	60
117	Heparanase: Multiple functions in inflammation, diabetes and atherosclerosis. <i>Matrix Biology</i> , 2013, 32, 220-222.	1.5	53
118	The heparanase/syndecan-1 axis in cancer: mechanisms and therapies. <i>FEBS Journal</i> , 2013, 280, 2294-2306.	2.2	156
119	Heparanase Regulates Secretion, Composition, and Function of Tumor Cell-derived Exosomes. <i>Journal of Biological Chemistry</i> , 2013, 288, 10093-10099.	1.6	277
120	Macrophage Activation by Heparanase Is Mediated by TLR-2 and TLR-4 and Associates With Plaque Progression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, e56-65.	1.1	117
121	Hyperglycemia-Induced Secretion of Endothelial Heparanase Stimulates a Vascular Endothelial Growth Factor Autocrine Network in Cardiomyocytes That Promotes Recruitment of Lipoprotein Lipase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2830-2838.	1.1	37
122	Characterization of Heparanase-induced Phosphatidylinositol 3-Kinase-AKT Activation and Its Integrin Dependence. <i>Journal of Biological Chemistry</i> , 2013, 288, 12366-12375.	1.6	57
123	Heparanase Is Essential for the Development of Diabetic Nephropathy in Mice. <i>Diabetes</i> , 2012, 61, 208-216.	0.3	170
124	Heparanase Induces Signal Transducer and Activator of Transcription (STAT) Protein Phosphorylation. <i>Journal of Biological Chemistry</i> , 2012, 287, 6668-6678.	1.6	52
125	Inhibition of matrix metalloproteinase-2 by halofuginone is mediated by the Egr1 transcription factor. <i>Anti-Cancer Drugs</i> , 2012, 23, 1022-1031.	0.7	20
126	Heparanase overexpression impairs inflammatory response and macrophage-mediated clearance of amyloid- β in murine brain. <i>Acta Neuropathologica</i> , 2012, 124, 465-478.	3.9	57

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127	Heparanase overexpression reduces carrageenan-induced mechanical and cold hypersensitivity in mice. <i>Neuroscience Letters</i> , 2012, 511, 4-7.	1.0	13
128	Heparanase Regulates Thrombosis in Vascular Injury and Stent-Induced Flow Disturbance. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1551-1560.	1.2	58
129	Heparanase Affects Food Intake and Regulates Energy Balance in Mice. <i>PLoS ONE</i> , 2012, 7, e34313.	1.1	26
130	Clinical Significance of Heparanase Splice Variant (T5) in Renal Cell Carcinoma: Evaluation by a Novel T5-Specific Monoclonal Antibody. <i>PLoS ONE</i> , 2012, 7, e51494.	1.1	10
131	Significance of Heparanase in Cancer and Inflammation. <i>Cancer Microenvironment</i> , 2012, 5, 115-132.	3.1	203
132	Dissociation between Mature Phenotype and Impaired Transmigration in Dendritic Cells from Heparanase-Deficient Mice. <i>PLoS ONE</i> , 2012, 7, e35602.	1.1	19
133	Accelerated Resolution of AA Amyloid in Heparanase Knockout Mice Is Associated with Matrix Metalloproteases. <i>PLoS ONE</i> , 2012, 7, e39899.	1.1	8
134	Abstract 75: Heparanase Mediates Arteriothrombosis Following Vascular Injury or Endovascular Stenting. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, .	1.1	0
135	Sulfated Hexasaccharides Attenuate Metastasis by Inhibition of P-selectin and Heparanase. <i>Neoplasia</i> , 2011, 13, 445-452.	2.3	45
136	Impact of heparanase and the tumor microenvironment on cancer metastasis and angiogenesis: basic aspects and clinical applications. <i>Rambam Maimonides Medical Journal</i> , 2011, 2, e0019.	0.4	28
137	Heparanase Levels Are Elevated in the Urine and Plasma of Type 2 Diabetes Patients and Associate with Blood Glucose Levels. <i>PLoS ONE</i> , 2011, 6, e17312.	1.1	87
138	Pre-clinical and clinical significance of heparanase in Ewing's sarcoma. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1857-1864.	1.6	53
139	The heparanase system and tumor metastasis: is heparanase the seed and soil?. <i>Cancer and Metastasis Reviews</i> , 2011, 30, 253-268.	2.7	86
140	Prognostic value of heparanase expression and cellular localization in oral cancer. <i>Head and Neck</i> , 2011, 33, 871-877.	0.9	17
141	Heparanase Is Highly Expressed and Regulates Proliferation in GH-Secreting Pituitary Tumor Cells. <i>Endocrinology</i> , 2011, 152, 4562-4570.	1.4	16
142	Local Retention Versus Systemic Release of Soluble VEGF Receptor-1 Are Mediated by Heparin-Binding and Regulated by Heparanase. <i>Circulation Research</i> , 2011, 108, 1063-1070.	2.0	73
143	SST0001, a Chemically Modified Heparin, Inhibits Myeloma Growth and Angiogenesis via Disruption of the Heparanase/Syndecan-1 Axis. <i>Clinical Cancer Research</i> , 2011, 17, 1382-1393.	3.2	217
144	Heparanase powers a chronic inflammatory circuit that promotes colitis-associated tumorigenesis in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 1709-1721.	3.9	166

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145	Role of Heparanase on Hepatic Uptake of Intestinal Derived Lipoprotein and Fatty Streak Formation in Mice. PLoS ONE, 2011, 6, e18370.	1.1	19
146	Heparanase Activation of the Coagulation System in a Mice Sepsis Model. Blood, 2011, 118, 378-378.	0.6	1
147	Genetic variations in the heparanase gene (HPSE) associate with increased risk of CVHD following allogeneic stem cell transplantation: effect of discrepancy between recipients and donors. Blood, 2010, 115, 2319-2328.	0.6	48
148	A chemotactic gradient sequestered on endothelial heparan sulfate induces directional intraluminal crawling of neutrophils. Blood, 2010, 116, 1924-1931.	0.6	180
149	Heparanase enhances the generation of activated factor X in the presence of tissue factor and activated factor VII. Haematologica, 2010, 95, 1927-1934.	1.7	66
150	Heparanase upregulates Th2 cytokines, ameliorating experimental autoimmune encephalitis. Molecular Immunology, 2010, 47, 1890-1898.	1.0	33
151	Tumorigenic and adhesive properties of heparanase. Seminars in Cancer Biology, 2010, 20, 153-160.	4.3	57
152	Proteoglycans in health and disease: new concepts for heparanase function in tumor progression and metastasis. FEBS Journal, 2010, 277, 3890-3903.	2.2	148
153	Heparanase Promotes Engraftment and Prevents Graft versus Host Disease in Stem Cell Transplantation. PLoS ONE, 2010, 5, e10135.	1.1	16
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