

# Kunio Matsumoto

## List of Publications by Year in descending order

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335  
papers

22,468  
citations

6592

79  
h-index

12233

133  
g-index

339  
all docs

339  
docs citations

339  
times ranked

17382  
citing authors

#	ARTICLE	IF	CITATIONS
1	Liver Organogenesis Promoted by Endothelial Cells Prior to Vascular Function. <i>Science</i> , 2001, 294, 559-563.	6.0	803
2	Hepatocyte growth factor gene therapy of liver cirrhosis in rats. <i>Nature Medicine</i> , 1999, 5, 226-230.	15.2	583
3	Hepatocyte Growth Factor Induces Gefitinib Resistance of Lung Adenocarcinoma with Epidermal Growth Factor Receptor-Activating Mutations. <i>Cancer Research</i> , 2008, 68, 9479-9487.	0.4	574
4	Myocardial protection from ischemia/reperfusion injury by endogenous and exogenous HGF. <i>Journal of Clinical Investigation</i> , 2000, 106, 1511-1519.	3.9	395
5	Hepatocyte growth factor twenty years on: Much more than a growth factor. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2011, 26, 188-202.	1.4	380
6	Hepatocyte Growth Factor (HGF) as a Tissue Organizer for Organogenesis and Regeneration. <i>Biochemical and Biophysical Research Communications</i> , 1997, 239, 639-644.	1.0	343
7	Cofilin Phosphorylation and Actin Cytoskeletal Dynamics Regulated by Rho- and Cdc42-Activated Lim-Kinase 2. <i>Journal of Cell Biology</i> , 1999, 147, 1519-1532.	2.3	340
8	Radiation to Stromal Fibroblasts Increases Invasiveness of Pancreatic Cancer Cells through Tumor-Stromal Interactions. <i>Cancer Research</i> , 2004, 64, 3215-3222.	0.4	329
9	Hepatocyte growth factor: Renotropic role and potential therapeutics for renal diseases. <i>Kidney International</i> , 2001, 59, 2023-2038.	2.6	310
10	Direct evidence that hepatocyte growth factor is a hepatotrophic factor for liver regeneration and has a potent antihepatitis effect in vivo. <i>Hepatology</i> , 1992, 16, 1227-1235.	3.6	275
11	Specific Activation of LIM kinase 2 via Phosphorylation of Threonine 505 by ROCK, a Rho-dependent Protein Kinase. <i>Journal of Biological Chemistry</i> , 2001, 276, 670-676.	1.6	270
12	Therapeutic Angiogenesis Induced by Human Recombinant Hepatocyte Growth Factor in Rabbit Hind Limb Ischemia Model as Cytokine Supplement Therapy. <i>Hypertension</i> , 1999, 33, 1379-1384.	1.3	262
13	Crosstalk to Stromal Fibroblasts Induces Resistance of Lung Cancer to Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitors. <i>Clinical Cancer Research</i> , 2009, 15, 6630-6638.	3.2	255
14	Hepatocyte growth factor/scatter factor, its molecular, cellular and clinical implications in cancer. <i>Critical Reviews in Oncology/Hematology</i> , 1999, 29, 209-248.	2.0	242
15	Hepatocyte growth factor, its receptor, and their potential value in cancer therapies. <i>Critical Reviews in Oncology/Hematology</i> , 2005, 53, 35-69.	2.0	237
16	Tryptophan 2,3-dioxygenase is a key modulator of physiological neurogenesis and anxiety-related behavior in mice. <i>Molecular Brain</i> , 2009, 2, 8.	1.3	231
17	Hepatocyte growth factor is a potent stimulator of human melanocyte DNA synthesis and growth. <i>Biochemical and Biophysical Research Communications</i> , 1991, 176, 45-51.	1.0	226
18	Marked stimulation of growth and motility of human keratinocytes by hepatocyte growth factor*1. <i>Experimental Cell Research</i> , 1991, 196, 114-120.	1.2	222

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19	Therapeutic angiogenesis induced by human hepatocyte growth factor gene in rat and rabbit hindlimb ischemia models: preclinical study for treatment of peripheral arterial disease. <i>Gene Therapy</i> , 2001, 8, 181-189.	2.3	213
20	Hepatocyte Growth Factor Receptor Is a Coreceptor for Adeno-Associated Virus Type 2 Infection. <i>Journal of Virology</i> , 2005, 79, 609-614.	1.5	210
21	Lung may have an endocrine function producing hepatocyte growth factor in response to injury of distal organs. <i>Biochemical and Biophysical Research Communications</i> , 1992, 182, 802-809.	1.0	209
22	A Novel Role of Hepatocyte Growth Factor as an Immune Regulator through Suppressing Dendritic Cell Function. <i>Journal of Immunology</i> , 2005, 175, 4745-4753.	0.4	206
23	Simultaneous or Delayed Administration of Hepatocyte Growth Factor Equally Represses the Fibrotic Changes in Murine Lung Injury Induced by Bleomycin. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1997, 156, 1937-1944.	2.5	202
24	Hepatocyte growth factor and the Met system as a mediator of tumor-stromal interactions. <i>International Journal of Cancer</i> , 2006, 119, 477-483.	2.3	202
25	HGF/NK4 is a specific antagonist for pleiotrophic actions of hepatocyte growth factor. <i>FEBS Letters</i> , 1997, 420, 1-6.	1.3	200
26	Involvement of Hepatocyte Growth Factor in Kidney Development. <i>Developmental Biology</i> , 1994, 163, 525-529.	0.9	198
27	Abrogation of Fas-Induced Fulminant Hepatic Failure in Mice by Hepatocyte Growth Factor. <i>Biochemical and Biophysical Research Communications</i> , 1998, 244, 683-690.	1.0	193
28	Hepatocyte growth factor prevents endotoxin-induced lethal hepatic failure in mice. <i>Hepatology</i> , 1999, 30, 151-159.	3.6	190
29	Hepatocyte growth factor/MET in cancer progression and biomarker discovery. <i>Cancer Science</i> , 2017, 108, 296-307.	1.7	190
30	Hepatocyte growth factor has potent anti-proliferative activity in various tumor cell lines. <i>FEBS Letters</i> , 1991, 291, 229-232.	1.3	186
31	Therapeutic Angiogenesis Induced by Human Hepatocyte Growth Factor Gene in Rat Diabetic Hind Limb Ischemia Model. <i>Circulation</i> , 2001, 104, 2344-2350.	1.6	184
32	Potential Contribution of a Novel Antifibrotic Factor, Hepatocyte Growth Factor, to Prevention of Myocardial Fibrosis by Angiotensin II Blockade in Cardiomyopathic Hamsters. <i>Circulation</i> , 2000, 102, 246-252.	1.6	182
33	Regulation of cell growth and motility by hepatocyte growth factor and receptor expression in various cell species. <i>Experimental Cell Research</i> , 1992, 202, 423-431.	1.2	179
34	Hepatocyte growth factor is a novel member of the endothelium-specific growth factors: additive stimulatory effect of hepatocyte growth factor with basic fibroblast growth factor but not with vascular endothelial growth factor. <i>Journal of Hypertension</i> , 1996, 14, 1067-1072.	0.3	176
35	Localization and functional coupling of HGF and c-Met/HGF receptor in rat brain: implication as neurotrophic factor. <i>Molecular Brain Research</i> , 1995, 32, 197-210.	2.5	172
36	Inhibition of tumor growth and invasion by a four-kringle antagonist (HGF/NK4) for hepatocyte growth factor. <i>Oncogene</i> , 1998, 17, 3045-3054.	2.6	170

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37	Hepatocyte growth factor suppresses interstitial fibrosis in a mouse model of obstructive nephropathy. <i>Kidney International</i> , 2001, 59, 1304-1314.	2.6	170
38	Up-regulation of hepatocyte growth factor gene expression by interleukin-1 in human skin fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 1992, 188, 235-243.	1.0	166
39	Hepatocyte Growth Factor Suppresses the Onset of Liver Cirrhosis and Abrogates Lethal Hepatic Dysfunction in Rats1. <i>Journal of Biochemistry</i> , 1995, 118, 643-649.	0.9	162
40	Possible endocrine control by Hepatocyte Growth Factor of liver regeneration after partial hepatectomy. <i>Biochemical and Biophysical Research Communications</i> , 1991, 177, 330-335.	1.0	154
41	HGF reduces advancing lung fibrosis in mice: a potential role for MMP-dependent myofibroblast apoptosis. <i>FASEB Journal</i> , 2005, 19, 1-18.	0.2	153
42	Targeted delivery of NK4 to multiple lung tumors by bone marrow-derived mesenchymal stem cells. <i>Cancer Gene Therapy</i> , 2007, 14, 894-903.	2.2	150
43	NK4 (HGF-antagonist/angiogenesis inhibitor) in cancer biology and therapeutics. <i>Cancer Science</i> , 2003, 94, 321-327.	1.7	147
44	Mitogenic and Antiapoptotic Actions of Hepatocyte Growth Factor Through ERK, STAT3, and Akt in Endothelial Cells. <i>Hypertension</i> , 2001, 37, 581-586.	1.3	146
45	Hepatocyte Growth Factor Is Constitutively Produced by Human Bone Marrow Stromal Cells and Indirectly Promotes Hematopoiesis. <i>Blood</i> , 1997, 89, 1560-1565.	0.6	140
46	Growth Inhibition and Apoptosis in Liver Myofibroblasts Promoted by Hepatocyte Growth Factor Leads to Resolution from Liver Cirrhosis. <i>American Journal of Pathology</i> , 2005, 166, 1017-1028.	1.9	138
47	Protection of Hippocampal Neurons from Ischemia-Induced Delayed Neuronal Death by Hepatocyte Growth Factor: A Novel Neurotrophic Factor. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1998, 18, 345-348.	2.4	132
48	Reciprocal balance of hepatocyte growth factor and transforming growth factor- $\beta$ 1 in renal fibrosis in mice. <i>Kidney International</i> , 2000, 57, 937-948.	2.6	128
49	Marked induction of hepatocyte growth factor mRNA in intact kidney and spleen in response to injury of distant organs. <i>Biochemical and Biophysical Research Communications</i> , 1992, 186, 991-998.	1.0	125
50	A potential cardioprotective role of hepatocyte growth factor in myocardial infarction in rats. <i>Cardiovascular Research</i> , 2001, 51, 41-50.	1.8	124
51	Hepatocyte growth factor: Molecular structure and implications for a central role in liver regeneration. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 1991, 6, 509-519.	1.4	120
52	Angiogenesis and Antifibrotic Action by Hepatocyte Growth Factor in Cardiomyopathy. <i>Hypertension</i> , 2002, 40, 47-53.	1.3	120
53	Angiogenic Property of Hepatocyte Growth Factor Is Dependent on Upregulation of Essential Transcription Factor for Angiogenesis, ets-1. <i>Circulation</i> , 2003, 107, 1411-1417.	1.6	115
54	Non-Small Cell Lung Cancer Cells Acquire Resistance to the ALK Inhibitor Alectinib by Activating Alternative Receptor Tyrosine Kinases. <i>Cancer Research</i> , 2016, 76, 1506-1516.	0.4	115

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55	Hepatocyte growth factor induces proliferation and morphogenesis in nonparenchymal epithelial liver cells. <i>Hepatology</i> , 1993, 17, 1052-1061.	3.6	114
56	A Vascular Modulator, Hepatocyte Growth Factor, Is Associated With Systolic Pressure. <i>Hypertension</i> , 1996, 28, 409-413.	1.3	113
57	Hepatocyte Growth Factor Stimulates Proliferation of Respiratory Epithelial Cells during Postpneumonectomy Compensatory Lung Growth in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002, 26, 525-533.	1.4	112
58	Paracrine Receptor Activation by Microenvironment Triggers Bypass Survival Signals and ALK Inhibitor Resistance in EML4-ALK Lung Cancer Cells. <i>Clinical Cancer Research</i> , 2012, 18, 3592-3602.	3.2	104
59	Hepatocyte growth factor ameliorates acute graft-versus-host disease and promotes hematopoietic function. <i>Journal of Clinical Investigation</i> , 2001, 107, 1365-1373.	3.9	104
60	&lt;b&gt;RAPID AND SENSITIVE ENZYME-LINKED IMMUNOSORBENT ASSAY FOR MEASUREMENT OF HGF IN RAT AND HUMAN &lt;/b&gt;&lt;b&gt;TISSUES &lt;/b&gt;. <i>Biomedical Research</i> , 1995, 16, 105-114.	0.3	104
61	Transient PI3K Inhibition Induces Apoptosis and Overcomes HGF-Mediated Resistance to EGFR-TKIs in <i>EGFR</i> Mutant Lung Cancer. <i>Clinical Cancer Research</i> , 2011, 17, 2260-2269.	3.2	101
62	Hepatocyte growth factor exerts a proliferative effect on oval cells through the PI3K/AKT signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 298-304.	1.0	98
63	In Vivo Evidence of Angiogenesis Induced by Transcription Factor Ets-1. <i>Circulation</i> , 2004, 109, 3035-3041.	1.6	97
64	Artificial human Met agonists based on macrocycle scaffolds. <i>Nature Communications</i> , 2015, 6, 6373.	5.8	96
65	Hepatocyte growth factor prevents tissue fibrosis, remodeling, and dysfunction in cardiomyopathic hamster hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H2131-H2139.	1.5	95
66	Hepatocyte Growth Factor Reduces Susceptibility to an Irreversible Epidermal Growth Factor Receptor Inhibitor in <i>EGFR</i>-T790M Mutant Lung Cancer. <i>Clinical Cancer Research</i> , 2010, 16, 174-183.	3.2	93
67	Gene transfection of hepatocyte growth factor attenuates reperfusion injury in the heart. <i>Annals of Thoracic Surgery</i> , 1999, 67, 1726-1731.	0.7	91
68	Hepatocyte growth factor/scatter factor decreases the expression of occludin and transendothelial resistance (TER) and increases paracellular permeability in human vascular endothelial cells. , 1999, 181, 319-329.		90
69	Activation of LIM Kinases by Myotonic Dystrophy Kinase-related Cdc42-binding Kinase $\hat{\pm}$ . <i>Journal of Biological Chemistry</i> , 2001, 276, 23092-23096.	1.6	90
70	Microfabricated airflow nozzle for microencapsulation of living cells into 150 micrometer microcapsules. <i>Biomedical Microdevices</i> , 2007, 9, 91-99.	1.4	90
71	Negative Regulation of Local Hepatocyte Growth Factor Expression by Angiotensin II and Transforming Growth Factor- $\hat{2}$ in Blood Vessels. <i>Hypertension</i> , 1998, 32, 444-451.	1.3	89
72	Scatter factor from human embryonic lung fibroblasts is probably identical to hepatocyte growth factor. <i>Biochemical and Biophysical Research Communications</i> , 1991, 180, 765-773.	1.0	87

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73	Impairment of Collateral Formation in Lipoprotein(a) Transgenic Mice. <i>Circulation</i> , 2002, 105, 1491-1496.	1.6	87
74	Deletion of kringle domains or the N-terminal hairpin structure in hepatocyte growth factor results in marked decreases in related biological activities. <i>Biochemical and Biophysical Research Communications</i> , 1991, 181, 691-699.	1.0	86
75	Hepatocyte growth factor facilitates cartilage repair: Full thickness articular cartilage defect studied in rabbit knees. <i>Acta Orthopaedica</i> , 1997, 68, 474-480.	1.4	83
76	Neutralization of Hepatocyte Growth Factor Leads to Retarded Cutaneous Wound Healing Associated with Decreased Neovascularization and Granulation Tissue Formation. <i>Journal of Investigative Dermatology</i> , 2003, 120, 335-343.	0.3	83
77	Autocrine/Paracrine Effects of Overexpression of Hepatocyte Growth Factor Gene on Growth of Endothelial Cells. <i>Biochemical and Biophysical Research Communications</i> , 1996, 220, 539-545.	1.0	82
78	Potential role of hepatocyte growth factor in the maintenance of renal structure: Anti-apoptotic action of HGF on epithelial cells. See Editorial by Kopp, p. 1392.. <i>Kidney International</i> , 1998, 54, 1128-1138.	2.6	81
79	Cooperative Interaction between $\hat{1}$ - and $\hat{2}$ -Chains of Hepatocyte Growth Factor on c-Met Receptor Confers Ligand-induced Receptor Tyrosine Phosphorylation and Multiple Biological Responses. <i>Journal of Biological Chemistry</i> , 1998, 273, 22913-22920.	1.6	81
80	Combined Therapy with Mutant-Selective EGFR Inhibitor and Met Kinase Inhibitor for Overcoming Erlotinib Resistance in EGFR-Mutant Lung Cancer. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 2149-2157.	1.9	81
81	Met Kinase Inhibitor E7050 Reverses Three Different Mechanisms of Hepatocyte Growth Factor-Induced Tyrosine Kinase Inhibitor Resistance in EGFR Mutant Lung Cancer. <i>Clinical Cancer Research</i> , 2012, 18, 1663-1671.	3.2	81
82	Decreased microsomal triglyceride transfer protein activity contributes to initiation of alcoholic liver steatosis in rats. <i>Journal of Hepatology</i> , 2002, 36, 157-162.	1.8	80
83	Bi-directional Regulation of Ser-985 Phosphorylation of c-Met via Protein Kinase C and Protein Phosphatase 2A Involves c-Met Activation and Cellular Responsiveness to Hepatocyte Growth Factor. <i>Journal of Biological Chemistry</i> , 2004, 279, 26445-26452.	1.6	79
84	Identification of tumor-initiating cells in a highly aggressive brain tumor using promoter activity of nucleostemin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 17163-17168.	3.3	79
85	Rapid and marked induction of hepatocyte growth factor during liver regeneration after ischemic or crush injury. <i>Hepatology</i> , 1992, 16, 1485-1492.	3.6	78
86	HGF regulates VEGF expression via the c-Met receptor downstream pathways, PI3K/Akt, MAPK and STAT3, in CT26 murine cells. <i>International Journal of Oncology</i> , 2013, 42, 535-542.	1.4	77
87	Gene therapy for preventing neuronal death using hepatocyte growth factor: in vivo gene transfer of HGF to subarachnoid space prevents delayed neuronal death in gerbil hippocampal CA1 neurons. <i>Gene Therapy</i> , 2001, 8, 1167-1173.	2.3	75
88	The Neurofibromatosis Type 1 Gene Product Neurofibromin Enhances Cell Motility by Regulating Actin Filament Dynamics via the Rho-ROCK-LIMK2-Cofilin Pathway. <i>Journal of Biological Chemistry</i> , 2005, 280, 39524-39533.	1.6	75
89	Growth and angiogenesis of human breast cancer in a nude mouse tumour model is reduced by NK4, a HGF/SF antagonist. <i>Carcinogenesis</i> , 2003, 24, 1317-1323.	1.3	74
90	Hepatocyte Growth Factor Gene Transfer to Alveolar Septa for Effective Suppression of Lung Fibrosis. <i>Molecular Therapy</i> , 2005, 12, 58-67.	3.7	74

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91	Hepatocyte growth factor leads to recovery from alcohol-induced fatty liver in rats. <i>Journal of Clinical Investigation</i> , 1999, 103, 313-320.	3.9	74
92	Hepatocyte Growth Factor Prevents Endothelial Cell Death Through Inhibition of bax Translocation From Cytosol to Mitochondrial Membrane. <i>Diabetes</i> , 2002, 51, 2604-2611.	0.3	73
93	A genomic analysis of adult T-cell leukemia. <i>Oncogene</i> , 2007, 26, 1245-1255.	2.6	73
94	Contribution of Bcl-2, but Not Bcl-xL and Bax, to Antiapoptotic Actions of Hepatocyte Growth Factor in Hypoxia-Conditioned Human Endothelial Cells. <i>Hypertension</i> , 2001, 37, 1341-1348.	1.3	72
95	Hepatic gene expression of NK4, an HGF-antagonist/angiogenesis inhibitor, suppresses liver metastasis and invasive growth of colon cancer in mice. <i>Cancer Gene Therapy</i> , 2004, 11, 419-430.	2.2	72
96	Hepatocyte Growth Factor Prevents the Development of Chronic Allograft Nephropathy in Rats. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 1280-1292.	3.0	72
97	Impact of Serum Hepatocyte Growth Factor on Treatment Response to Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitors in Patients with Non-Small Cell Lung Adenocarcinoma. <i>Clinical Cancer Research</i> , 2010, 16, 4616-4624.	3.2	71
98	Radiation stimulates HGF receptor/c-Met expression that leads to amplifying cellular response to HGF stimulation via upregulated receptor tyrosine phosphorylation and MAP kinase activity in pancreatic cancer cells. <i>International Journal of Cancer</i> , 2003, 104, 542-549.	2.3	69
99	Transient IGF-1R inhibition combined with osimertinib eradicates AXL-low expressing EGFR mutated lung cancer. <i>Nature Communications</i> , 2020, 11, 4607.	5.8	69
100	Cell Density-Dependent Regulation of Albumin Synthesis and DNA Synthesis in Rat Hepatocytes by Hepatocyte Growth Factor. <i>Journal of Biochemistry</i> , 1992, 112, 330-334.	0.9	68
101	A Novel Vascular Modulator, Hepatocyte Growth Factor (HGF), as a Potential Index of the Severity of Hypertension. <i>Biochemical and Biophysical Research Communications</i> , 1998, 242, 238-243.	1.0	67
102	Angiogenic and antifibrotic actions of hepatocyte growth factor improve cardiac dysfunction in porcine ischemic cardiomyopathy. <i>Gene Therapy</i> , 2006, 13, 1206-1213.	2.3	67
103	HGF-Met Pathway in Regeneration and Drug Discovery. <i>Biomedicines</i> , 2014, 2, 275-300.	1.4	67
104	Hepatocyte growth factor and Met in drug discovery. <i>Journal of Biochemistry</i> , 2015, 157, 271-284.	0.9	67
105	Suppression of Acute and Chronic Rejection by Hepatocyte Growth Factor in a Murine Model of Cardiac Transplantation. <i>Circulation</i> , 2004, 110, 1650-1657.	1.6	66
106	Acquisition of Invasive Phenotype in Gallbladder Cancer Cells via Mutual Interaction of Stromal Fibroblasts and Cancer Cells as Mediated by Hepatocyte Growth Factor. <i>Japanese Journal of Cancer Research</i> , 1996, 87, 702-710.	1.7	65
107	Targeting Angiogenesis and HGF Function Using an Adenoviral Vector Expressing the HGF Antagonist NK4 for Cancer Therapy. <i>Molecular Therapy</i> , 2002, 5, 177-185.	3.7	65
108	Recombinant Hepatocyte Growth Factor Accelerates Cutaneous Wound Healing in a Diabetic Mouse Model. <i>Growth Factors</i> , 2004, 22, 111-119.	0.5	65

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109	Inhibition of neointimal formation after balloon injury by cilostazol, accompanied by improvement of endothelial dysfunction and induction of hepatocyte growth factor in rat diabetes model. <i>Diabetologia</i> , 2001, 44, 1034-1042.	2.9	64
110	Suppression of tumor metastasis by NK4 plasmid DNA released from cationized gelatin. <i>Gene Therapy</i> , 2004, 11, 1205-1214.	2.3	64
111	Hepatocyte growth factor attenuates cerebral ischemia-induced learning dysfunction. <i>Biochemical and Biophysical Research Communications</i> , 2004, 319, 1152-1158.	1.0	64
112	Heparin as an Inducer of Hepatocyte Growth Factor1. <i>Journal of Biochemistry</i> , 1993, 114, 820-826.	0.9	63
113	Mechanisms and significance of bifunctional NK4 in cancer treatment. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 316-327.	1.0	63
114	Prevention of Apoptosis-Inducing Factor Translocation is a Possible Mechanism for Protective Effects of Hepatocyte Growth Factor against Neuronal Cell Death in the Hippocampus after Transient Forebrain Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2006, 26, 1354-1365.	2.4	63
115	Nk4, a new HGF/SF variant, is an antagonist to the influence of HGF/SF on the motility and invasion of colon cancer cells. , 2000, 85, 563-570.		61
116	Hepatocyte Growth Factor Attenuates Airway Hyperresponsiveness, Inflammation, and Remodeling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005, 32, 268-280.	1.4	61
117	HGF as a renoprotic and anti-fibrotic regulator in chronic renal disease. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 7072.	3.0	61
118	Actions of hepatocyte growth factor as a local modulator in the kidney: Potential role in pathogenesis of renal disease. <i>Kidney International</i> , 1998, 53, 50-58.	2.6	60
119	Co-cultivation of pancreatic cancer cells with orthotopic tumor-derived fibroblasts: fibroblasts stimulate tumor cell invasion via HGF secretion whereas cancer cells exert a minor regulative effect on fibroblasts HGF production. <i>Cancer Letters</i> , 2003, 190, 105-112.	3.2	60
120	Cross-activating c-Met/ $\beta$ 1 integrin complex drives metastasis and invasive resistance in cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8685-E8694.	3.3	60
121	Hepatocyte growth factor in physiology and infectious diseases. <i>Cytokine</i> , 2017, 98, 97-106.	1.4	59
122	Macrocyclic peptide-based inhibition and imaging of hepatocyte growth factor. <i>Nature Chemical Biology</i> , 2019, 15, 598-606.	3.9	59
123	NK4, an antagonist of hepatocyte growth factor (HGF), inhibits growth of multiple myeloma cells: molecular targeting of angiogenic growth factor. <i>Blood</i> , 2007, 109, 3042-3049.	0.6	57
124	Hepatocyte growth factor plays roles in the induction and autocrine maintenance of bone marrow stromal cell IL-11, SDF-1 $\alpha$ , and stem cell factor. <i>Experimental Hematology</i> , 2004, 32, 955-961.	0.2	56
125	Hepatocyte growth factor and Met in tumor biology and therapeutic approach with NK4. <i>Proteomics</i> , 2008, 8, 3360-3370.	1.3	56
126	Prostate stromal cell-derived hepatocyte growth factor induces invasion of prostate cancer cell line DU145 through tumor-stromal interaction. , 1999, 41, 145-153.		55



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127	Enhanced angiogenesis and improvement of neuropathy by cotransfection of human hepatocyte growth factor and prostacyclin synthase gene. <i>FASEB Journal</i> , 2003, 17, 779-781.	0.2	55
128	Hepatocyte growth factor attenuates cerebral ischemia-induced increase in permeability of the blood-brain barrier and decreases in expression of tight junctional proteins in cerebral vessels. <i>Neuroscience Letters</i> , 2006, 407, 141-145.	1.0	55
129	Dual Inhibition of Met Kinase and Angiogenesis to Overcome HGF-Induced EGFR-TKI Resistance in EGFR Mutant Lung Cancer. <i>American Journal of Pathology</i> , 2012, 181, 1034-1043.	1.9	55
130	The functions and possible significance of Kremen as the gatekeeper of Wnt signalling in development and pathology. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 391-408.	1.6	54
131	Pleural Mesothelioma Instigates Tumor-Associated Fibroblasts To Promote Progression via a Malignant Cytokine Network. <i>American Journal of Pathology</i> , 2011, 179, 1483-1493.	1.9	54
132	Hepatocyte growth factor in lung morphogenesis and tumor invasion: role as a mediator in epithelium-mesenchyme and tumor-stroma interactions. <i>Cancer Chemotherapy and Pharmacology</i> , 1996, 38, S42-S47.	1.1	53
133	Molecular Cloning and Characterization of a Newly Identified Member of the Cadherin Family, PB-cadherin. <i>Journal of Biological Chemistry</i> , 1996, 271, 11548-11556.	1.6	53
134	Kringle 4 of Hepatocyte Growth Factor Inhibits Proliferation and Migration of Human Microvascular Endothelial Cells. <i>Biochemical and Biophysical Research Communications</i> , 2000, 279, 846-852.	1.0	53
135	Intraperitoneal injection of adenovirus-mediated NK4 gene suppresses peritoneal dissemination of pancreatic cancer cell line AsPC-1 in nude mice. <i>Cancer Gene Therapy</i> , 2002, 9, 799-806.	2.2	53
136	Hepatocyte growth factor improved learning and memory dysfunction of microsphere-embolized rats. <i>Journal of Neuroscience Research</i> , 2004, 78, 442-453.	1.3	52
137	Role of Angiotensin II in the Regulation of a Novel Vascular Modulator, Hepatocyte Growth Factor (HGF), in Experimental Hypertensive Rats. <i>Hypertension</i> , 1997, 30, 1448-1454.	1.3	51
138	Expression and neuroprotective effect of hepatocyte growth factor in retinal ischemia-reperfusion injury. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 528-36.	3.3	51
139	The HGF/SF-Induced Phosphorylation of Paxillin, Matrix Adhesion, and Invasion of Prostate Cancer Cells Were Suppressed by NK4, an HGF/SF Variant. <i>Biochemical and Biophysical Research Communications</i> , 2001, 285, 1330-1337.	1.0	50
140	Hepatocyte growth factor is involved in formation of osteoclast-like cells mediated by clonal stromal cells (MC3T3-G2/PA6). <i>Journal of Cellular Physiology</i> , 1995, 164, 197-204.	2.0	49
141	Regulation of Invasive Potential of Human Prostate Cancer Cell Lines by Hepatocyte Growth Factor. <i>International Journal of Urology</i> , 1998, 5, 276-281.	0.5	48
142	Analysis of neurotrophic effects of hepatocyte growth factor in the adult hypoglossal nerve axotomy model. <i>European Journal of Neuroscience</i> , 1999, 11, 4139-4144.	1.2	48
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