

# Soichi Kojima

## List of Publications by Year in descending order

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98  
papers

6,704  
citations

81743

39  
h-index

66788

78  
g-index

99  
all docs

99  
docs citations

99  
times ranked

11408  
citing authors

#	ARTICLE	IF	CITATIONS
1	A promoter-level mammalian expression atlas. <i>Nature</i> , 2014, 507, 462-470.	13.7	1,838
2	Transcribed enhancers lead waves of coordinated transcription in transitioning mammalian cells. <i>Science</i> , 2015, 347, 1010-1014.	6.0	517
3	Requirement for transglutaminase in the activation of latent transforming growth factor-beta in bovine endothelial cells.. <i>Journal of Cell Biology</i> , 1993, 121, 439-448.	2.3	284
4	Lipoprotein (a) inhibits the generation of transforming growth factor beta: an endogenous inhibitor of smooth muscle cell migration.. <i>Journal of Cell Biology</i> , 1991, 113, 1439-1445.	2.3	223
5	FANTOM5 CAGE profiles of human and mouse samples. <i>Scientific Data</i> , 2017, 4, 170112.	2.4	195
6	Transcriptional activation of endoglin and transforming growth factor- $\beta^2$ signaling components by cooperative interaction between Sp1 and KLF6: their potential role in the response to vascular injury. <i>Blood</i> , 2002, 100, 4001-4010.	0.6	169
7	Prevention of rat hepatic fibrosis by the protease inhibitor, camostat mesilate, via reduced generation of active TGF- $\beta^2$ . <i>Gastroenterology</i> , 2001, 120, 1784-1800.	0.6	135
8	Retinoids in Cancer Chemoprevention. <i>Current Cancer Drug Targets</i> , 2004, 4, 285-298.	0.8	127
9	Retinoids exacerbate rat liver fibrosis by inducing the activation of latent TGF- $\beta$ in liver stellate cells. <i>Hepatology</i> , 1997, 26, 913-921.	3.6	126
10	Role of Transglutaminase 2 in Liver Injury via Cross-linking and Silencing of Transcription Factor Sp1. <i>Gastroenterology</i> , 2009, 136, 1783-1795.e10.	0.6	115
11	Mechanism of retinoid-induced activation of latent transforming growth factor- $\beta$ in bovine endothelial cells. <i>Journal of Cellular Physiology</i> , 1993, 155, 323-332.	2.0	109
12	Mechanism of retarded liver regeneration in plasminogen activator-deficient mice: Impaired activation of hepatocyte growth factor after Fas-mediated massive hepatic apoptosis. <i>Hepatology</i> , 2001, 33, 569-576.	3.6	100
13	Solution Structure of Der f 2, the Major Mite Allergen for Atopic Diseases. <i>Journal of Biological Chemistry</i> , 1998, 273, 356-360.	1.6	99
14	$\beta^2,6$ -Sialic Acid on Platelet Endothelial Cell Adhesion Molecule (PECAM) Regulates Its Homophilic Interactions and Downstream Antiapoptotic Signaling. <i>Journal of Biological Chemistry</i> , 2010, 285, 6515-6521.	1.6	97
15	Transcriptional Regulation of Cannabinoid Receptor-1 Expression in the Liver by Retinoic Acid Acting via Retinoic Acid Receptor- $\beta^3$ . <i>Journal of Biological Chemistry</i> , 2010, 285, 19002-19011.	1.6	91
16	Synergistic effects of RXR $\alpha$ and PPAR $\alpha$ ligands to inhibit growth in human colon cancer cells phosphorylated RXR $\alpha$ is a critical target for colon cancer management. <i>Gut</i> , 2007, 56, 1557-1563.	6.1	89
17	Impaired liver regeneration in mice by lipopolysaccharide via TNF- $\beta^1$ /kallikrein $\alpha^1$ mediated activation of latent TGF- $\beta^2$ . <i>Gastroenterology</i> , 2002, 123, 352-364.	0.6	86
18	Prevention of hepatocellular carcinoma by targeting MYCN-positive liver cancer stem cells with acyclic retinoid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4969-4974.	3.3	78

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19	Increased 9,13-di-cis-retinoic acid in rat hepatic fibrosis: implication for a potential link between retinoid loss and TGF- $\beta$ 2 mediated fibrogenesis in vivo. <i>Journal of Hepatology</i> , 1999, 30, 1073-1080.	1.8	74
20	Clot retraction is mediated by factor XIII-dependent fibrin- $\alpha$ IIb $\beta$ 3-myosin axis in platelet sphingomyelin-rich membrane rafts. <i>Blood</i> , 2013, 122, 3340-3348.	0.6	73
21	Free fatty acids induce transglutaminase 2-dependent apoptosis in hepatocytes via ER stress-stimulated PERK pathways. <i>Journal of Cellular Physiology</i> , 2012, 227, 1130-1137.	2.0	66
22	Molecular mechanism for growth suppression of human hepatocellular carcinoma cells by acyclic retinoid. <i>Carcinogenesis</i> , 2003, 24, 1353-1359.	1.3	65
23	Brain infarction correlates more closely with acrolein than with reactive oxygen species. <i>Biochemical and Biophysical Research Communications</i> , 2011, 404, 1044-1049.	1.0	63
24	Phosphorylation of retinoid X receptor suppresses its ubiquitination in human hepatocellular carcinoma. <i>Hepatology</i> , 2002, 35, 332-340.	3.6	61
25	Bovine urokinase-type plasminogen activator and its receptor: Cloning and induction by retinoic acid. <i>Gene</i> , 1993, 125, 177-183.	1.0	60
26	Dysregulation of Retinoic Acid Receptor Diminishes Hepatocyte Permissiveness to Hepatitis B Virus Infection through Modulation of Sodium Taurocholate Cotransporting Polypeptide (NTCP) Expression. <i>Journal of Biological Chemistry</i> , 2015, 290, 5673-5684.	1.6	58
27	Changes in the Ratio of Branched-Chain to Aromatic Amino Acids Affect the Secretion of Albumin in Cultured Rat Hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 1995, 214, 1045-1050.	1.0	54
28	9,13-di-cis -Retinoic acid induces the production of tPA and activation of latent TGF- $\beta$ 2 via RAR $\alpha$ in a human liver stellate cell line, LI90. <i>FEBS Letters</i> , 1997, 411, 102-106.	1.3	54
29	Synergistic growth inhibition by acyclic retinoid and vitamin K2 in human hepatocellular carcinoma cells. <i>Cancer Science</i> , 2007, 98, 431-437.	1.7	54
30	Spliceostatin A blocks angiogenesis by inhibiting global gene expression including <i>VEGF</i> . <i>Cancer Science</i> , 2010, 101, 2483-2489.	1.7	51
31	New insights into the functions and localization of nuclear transglutaminase 2. <i>FEBS Journal</i> , 2011, 278, 4756-4767.	2.2	49
32	CAGE profiling of ncRNAs in hepatocellular carcinoma reveals widespread activation of retroviral LTR promoters in virus-induced tumors. <i>Genome Research</i> , 2015, 25, 1812-1824.	2.4	49
33	Synthetic Peptides Derived from Midkine Enhance Plasminogen Activator Activity in Bovine Aortic Endothelial Cells. <i>Biochemical and Biophysical Research Communications</i> , 1995, 206, 468-473.	1.0	47
34	Synergistic induction of apoptosis by acyclic retinoid and interferon- $\beta$ in human hepatocellular carcinoma cells. <i>Hepatology</i> , 2002, 36, 1115-1124.	3.6	47
35	Midkine Is a Heat and Acid Stable Polypeptide Capable of Enhancing Plasminogen Activator Activity and Neurite Outgrowth Extension. <i>Biochemical and Biophysical Research Communications</i> , 1995, 216, 574-581.	1.0	46
36	TGF- $\beta$ 2 regulates the expression of transcription factor KLF6 and its splice variants and promotes co-operative transactivation of common target genes through a Smad3-Sp1-KLF6 interaction. <i>Biochemical Journal</i> , 2009, 419, 485-495.	1.7	45

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37	Mechanism of inhibition of tumor angiogenesis by Î²-â€œhydroxyisovalerylshikonin. <i>Cancer Science</i> , 2009, 100, 269-277.	1.7	45
38	Identification of Heparin-Binding Sites in Midkine and Their Role in Neurite-Promotion. <i>Biochemical and Biophysical Research Communications</i> , 1997, 236, 66-70.	1.0	44
39	Prevention of Rat Hepatocarcinogenesis by Acyclic Retinoid Is Accompanied by Reduction in Emergence of Both TGF-Î±-Expressing Oval-Like Cells and Activated Hepatic Stellate Cells. <i>Nutrition and Cancer</i> , 2005, 51, 197-206.	0.9	43
40	In Situ Detection of Active Transglutaminases for Keratinocyte Type (TGase 1) and Tissue Type (TGase 2) Using Fluorescence-Labeled Highly Reactive Substrate Peptides. <i>Journal of Histochemistry and Cytochemistry</i> , 2011, 59, 180-187.	1.3	38
41	The RING Finger Protein, RNF8, Interacts with Retinoid X Receptor Î± and Enhances Its Transcription-stimulating Activity. <i>Journal of Biological Chemistry</i> , 2004, 279, 18926-18934.	1.6	37
42	Azaspirene, a fungal product, inhibits angiogenesis by blocking Raf-1 activation. <i>Cancer Science</i> , 2008, 99, 1853-1858.	1.7	36
43	Chemoprevention of hepatocellular carcinoma: Concept, progress and perspectives. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2001, 16, 1329-1335.	1.4	35
44	Dual induction of caspase 3- and transglutaminase-dependent apoptosis by acyclic retinoid in hepatocellular carcinoma cells. <i>Molecular Cancer</i> , 2011, 10, 4.	7.9	35
45	Eicosapentaenoic Acid Ameliorates Non-Alcoholic Steatohepatitis in a Novel Mouse Model Using Melanocortin 4 Receptor-Deficient Mice. <i>PLoS ONE</i> , 2015, 10, e0121528.	1.1	34
46	Enhancement of plasminogen activator activity in cultured endothelial cells by granulocyte colony-stimulating factor. <i>Journal of Cellular Physiology</i> , 1989, 138, 192-196.	2.0	32
47	Retinoic acid controls blood vessel formation by modulating endothelial and mural cell interaction via suppression of Tie2 signaling in vascular progenitor cells. <i>Blood</i> , 2004, 104, 166-169.	0.6	32
48	HCV NS3 protease enhances liver fibrosis via binding to and activating TGF-Î² type I receptor. <i>Scientific Reports</i> , 2013, 3, 3243.	1.6	32
49	Neovessel formation promotes liver fibrosis via providing latent transforming growth factor-Î². <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 950-956.	1.0	31
50	Acyclic retinoid inhibits angiogenesis by suppressing the MAPK pathway. <i>Laboratory Investigation</i> , 2010, 90, 52-60.	1.7	29
51	Glycosylation controls cooperative PECAM-VEGFR2-Î²3 integrin functions at the endothelial surface for tumor angiogenesis. <i>Oncogene</i> , 2018, 37, 4287-4299.	2.6	29
52	Successive study on the production of plasminogen activator in cultured endothelial cells by phytosterol. <i>Thrombosis Research</i> , 1984, 36, 217-222.	0.8	28
53	Phosphorylated retinoid X receptor Î± loses its heterodimeric activity with retinoic acid receptor Î². <i>Cancer Science</i> , 2007, 98, 1868-1874.	1.7	28
54	Fibrinolysis by urokinase endowed with magnetic property. <i>Biochemical and Biophysical Research Communications</i> , 1987, 148, 392-396.	1.0	27

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55	High ubiquitous mitochondrial creatine kinase expression in hepatocellular carcinoma denotes a poor prognosis with highly malignant potential. <i>International Journal of Cancer</i> , 2014, 134, 2189-2198.	2.3	27
56	Anti-interleukin-6 receptor antibody treatment ameliorates postoperative adhesion formation. <i>Scientific Reports</i> , 2019, 9, 17558.	1.6	27
57	The functional relationship between transglutaminase 2 and transforming growth factor $\beta$ 1 in the regulation of angiogenesis and endothelial-mesenchymal transition. <i>Cell Death and Disease</i> , 2017, 8, e3032-e3032.	2.7	26
58	Transcriptome Analysis Uncovers a Growth-Promoting Activity of Orosomucoid-1 on Hepatocytes. <i>EBioMedicine</i> , 2017, 24, 257-266.	2.7	24
59	LAP degradation product reflects plasma kallikrein-dependent TGF- $\beta$ 2 activation in patients with hepatic fibrosis. <i>SpringerPlus</i> , 2014, 3, 221.	1.2	23
60	Retinoids in liver fibrosis and cancer. <i>Frontiers in Bioscience - Landmark</i> , 2002, 7, d204.	3.0	23
61	Inhibition of Tumor Angiogenesis by Targeting Endothelial Surface ATP Synthase with Sangivamycin. <i>Japanese Journal of Clinical Oncology</i> , 2007, 37, 867-873.	0.6	22
62	Recent advances in understanding the roles of transglutaminase 2 in alcoholic steatohepatitis. <i>Cell Biology International</i> , 2010, 34, 325-334.	1.4	22
63	The Effect of Acyclic Retinoid on the Metabolomic Profiles of Hepatocytes and Hepatocellular Carcinoma Cells. <i>PLoS ONE</i> , 2013, 8, e82860.	1.1	22
64	Inhibition of Proliferation of Chondrocytes by Specific Receptors in Response to Retinoids. <i>Biochemical and Biophysical Research Communications</i> , 1996, 222, 220-224.	1.0	21
65	Synergism of vitamins A and C on fibrinolysis. <i>Biochemical and Biophysical Research Communications</i> , 1985, 130, 182-187.	1.0	20
66	Induction of Cross-Linking and Silencing of Sp1 by Transglutaminase during Liver Injury in ASH and NASH via Different ER Stress Pathways. <i>Digestive Diseases</i> , 2010, 28, 715-721.	0.8	19
67	An interferon-like small chemical compound CDM-3008 suppresses hepatitis B virus through induction of interferon-stimulated genes. <i>PLoS ONE</i> , 2019, 14, e0216139.	1.1	19
68	Retinoic Acid-Stimulated Liver Stellate Cells Suppress the Production of Albumin from Parenchymal Cells via TGF- $\beta$ 2. <i>Biochemical and Biophysical Research Communications</i> , 1996, 221, 565-569.	1.0	17
69	Protease inhibitors suppress TGF- $\beta$ 2 generation by hepatic stellate cells. <i>Journal of Hepatology</i> , 1998, 29, 1031-1032.	1.8	16
70	A guide to murine fibrinolytic factor structure, function, assays, and genetic alterations. <i>Journal of Thrombosis and Haemostasis</i> , 2007, 5, 680-689.	1.9	16
71	Visible fibrinolysis by endothelial cells: Effect of vitamins and sterols. <i>Bioscience Reports</i> , 1986, 6, 1029-1033.	1.1	15
72	Lipopolysaccharide inhibits activation of latent transforming growth factor- $\beta$ in bovine endothelial cells. <i>Journal of Cellular Physiology</i> , 1995, 163, 210-219.	2.0	14

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73	Variations in Both TG1 and TG2 Isozyme-specific In Situ Activities and Protein Expressions during Mouse Embryonic Development. <i>Journal of Histochemistry and Cytochemistry</i> , 2013, 61, 793-801.	1.3	14
74	Pituitary Adenylate Cyclase-activating Polypeptide Type 1 Receptor (PAC1) Gene Is Suppressed by Transglutaminase 2 Activation. <i>Journal of Biological Chemistry</i> , 2013, 288, 32720-32730.	1.6	14
75	Zonal Differences in DNA Synthesis and in Transglutaminase Activity between Perivenous versus Periportal Regions of Regenerating Rat Liver. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 1758-1762.	0.6	13
76	Regulation of transglutaminase-mediated hepatic cell death in alcoholic steatohepatitis and non-alcoholic steatohepatitis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2012, 27, 52-57.	1.4	12
77	Fungus-derived hydroxyl radicals kill hepatic cells by enhancing nuclear transglutaminase. <i>Scientific Reports</i> , 2017, 7, 4746.	1.6	12
78	Histological and biochemical evaluation of transforming growth factor- $\beta$ 2 activation and its clinical significance in patients with chronic liver disease. <i>Heliyon</i> , 2019, 5, e01231.	1.4	12
79	Androgen-Dependent Expression, Gene Structure, and Molecular Evolution of Guinea Pig Caltrin II, a WAP-Motif Protein1. <i>Biology of Reproduction</i> , 2004, 71, 1583-1590.	1.2	11
80	Apoptosis Induction by Acyclic Retinoid: a Molecular Basis of 'Clonal Deletion' Therapy for Hepatocellular Carcinoma. <i>Japanese Journal of Clinical Oncology</i> , 2001, 31, 359-362.	0.6	10
81	Hepatitis C virus RNA replication in human stellate cells regulates gene expression of extracellular matrix-related molecules. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 135-140.	1.0	10
82	Solution synthesis and biological activity of human pleiotrophin, a novel heparin-binding neurotrophic factor consisting of 136 amino acid residues with five disulfide bonds. <i>Chemical Biology and Drug Design</i> , 2000, 55, 384-397.	1.2	8
83	Identification, Evolution, and Regulation of Expression of Guinea Pig Trappin with an Unusually Long Transglutaminase Substrate Domain*. <i>Journal of Biological Chemistry</i> , 2005, 280, 20204-20215.	1.6	8
84	Plasminogen N-terminal activation peptide modulates the activity of angiotensin-related peptides on endothelial cell proliferation and migration. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 635-640.	1.0	8
85	Hepatic fibrosis and angiogenesis after bile duct ligation are endogenously expressed vasohibin-1 independent. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 384-388.	1.0	8
86	Prevention of acute liver injury by suppressing plasma kallikrein-dependent activation of latent TGF- $\beta$ 2. <i>Biochemical and Biophysical Research Communications</i> , 2018, 504, 857-864.	1.0	8
87	Cooperativity between platelet-activating factor and collagen in platelet aggregation. <i>Biochemical and Biophysical Research Communications</i> , 1987, 145, 915-920.	1.0	7
88	Ketamine Suppresses the Production and Release of Endothelin 1 from Cultured Bovine Endothelial Cells. <i>Anesthesia and Analgesia</i> , 1998, 86, 1098-1102.	1.1	7
89	Potential associations between perihepatic lymph node enlargement and liver fibrosis, hepatocellular injury or hepatocarcinogenesis in chronic hepatitis B virus infection. <i>Hepatology Research</i> , 2015, 45, 397-404.	1.8	7
90	Reply to Yoshida: Liver cancer stem cells: Identification and lipid metabolic reprogramming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6390-E6391.	3.3	7

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91	Cooperativity between platelet-activating factor and collagen in aggregation of bovine platelets, II. Biochemical and Biophysical Research Communications, 1990, 168, 1292-1296.	1.0	6
92	The Involvement of Polyamines as Substrates of Transglutaminase in Zonal Different Hepatocyte Proliferation after Partial Hepatectomy. Biological and Pharmaceutical Bulletin, 2005, 28, 349-352.	0.6	5
93	Impaired synthesis of retinol-binding protein and transthyretin in rat liver with bile duct obstruction. Digestive Diseases and Sciences, 1996, 41, 1038-1042.	1.1	3
94	Novel plasmin inhibitors released from bovine platelets during aggregation. Thrombosis Research, 1985, 39, 419-427.	0.8	2
95	Cooperativity between platelet-activating factor and collagen in aggregation of bovine platelets III. FEBS Letters, 1990, 267, 226-228.	1.3	2
96	Change erythrocytes into thrombolytic agents. Blood, 2006, 108, 1789-1790.	0.6	1
97	Existence of lipid vesicles containing platelet-activating factor in endothelial cell lysate. Bioscience Reports, 1992, 12, 15-21.	1.1	0
98	Zonal differences in gallium-67 uptakes between perivenous versus periportal regions of rat liver following carbon tetrachloride treatment. Hepatology Research, 2006, 36, 78-85.	1.8	0