Yoshikatsu Koga

List of Publications by Citations

58 papers	1,454 citations	24 h-index	37 g-index
81 ext. papers	1,677 ext. citations	5.6 avg, IF	4.32 L-index

#	Paper	IF	Citations
58	MicroRNA expression profiling of exfoliated colonocytes isolated from feces for colorectal cancer screening. *Cancer Prevention Research*, **2010**, 3, 1435-42	3.2	158
57	Antibody fragment-conjugated polymeric micelles incorporating platinum drugs for targeted therapy of pancreatic cancer. *Biomaterials*, **2015**, 39, 23-30	15.6	114
56	Exosome can prevent RNase from degrading microRNA in feces. *Journal of Gastrointestinal Oncology*, **2011**, 2, 215-22	2.8	108
55	NC-6300, an epirubicin-incorporating micelle, extends the antitumor effect and reduces the cardiotoxicity of epirubicin. *Cancer Science*, **2013**, 104, 920-5	6.9	98
54	ET-05 PRECLINICAL STUDY OF AN ANTI-HUMAN TISSUE FACTOR ANTIBODY-DRUG CONJUGATE IN A MALIGNANT GLIOMA XENOGRAFT MODEL. *Neuro-Oncology Advances*, **2019**, 1, ii9-ii9	0.9	78
53	Fecal miR-106a is a useful marker for colorectal cancer patients with false-negative results in immunochemical fecal occult blood test. *Cancer Epidemiology Biomarkers and Prevention*, **2013**, 22, 1844-52	4	64
52	Potent antitumor effect of SN-38-incorporating polymeric micelle, NK012, against malignant glioma. *International Journal of Cancer*, **2009**, 124, 2505-11	7.5	57
51	Antitumor effect of antitissue factor antibody-MMAE conjugate in human pancreatic tumor xenografts. *International Journal of Cancer*, **2015**, 137, 1457-66	7.5	46
50	Systematic Review of Patient-Derived Xenograft Models for Preclinical Studies of Anti-Cancer Drugs in Solid Tumors. *Cells*, **2019**, 8,	7.9	45
49	Enhanced distribution of NK012, a polymeric micelle-encapsulated SN-38, and sustained release of SN-38 within tumors can beat a hypovascular tumor. *Cancer Science*, **2008**, 99, 1258-64	6.9	39
48	The significance of microscopic mass spectrometry with high resolution in the visualisation of drug distribution. *Scientific Reports*, **2013**, 3, 3050	4.9	35
47	The inhibition of pancreatic cancer invasion-metastasis cascade in both cellular signal and blood coagulation cascade of tissue factor by its neutralisation antibody. *European Journal of Cancer*, **2011**, 47, 2230-9	7.5	35
46	Antitumor activity of NK012 combined with cisplatin against small cell lung cancer and intestinal mucosal changes in tumor-bearing mouse after treatment. *Clinical Cancer Research*, **2009**, 15, 4348-55	12.9	35
45	Oxysterol binding protein-related protein-5 is related to invasion and poor prognosis in pancreatic cancer. *Cancer Science*, **2008**, 99, 2387-94	6.9	34
44	Effect of combined treatment with the epirubicin-incorporating micelles (NC-6300) and 1,2-diaminocyclohexane platinum (II)-incorporating micelles (NC-4016) on a human gastric cancer model. *International Journal of Cancer*, **2014**, 135, 214-23	7.5	33
43	Antitumor effect of NK012, a 7-ethyl-10-hydroxycamptothecin-incorporating polymeric micelle, on U87MG orthotopic glioblastoma in mice compared with irinotecan hydrochloride in combination with bevacizumab. *Clinical Cancer Research*, **2010**, 16, 521-9	12.9	33
42	Enhanced antitumor effect of anti-tissue factor antibody-conjugated epirubicin-incorporating micelles in xenograft models. *Cancer Science*, **2015**, 106, 627-34	6.9	30

41	Influence of the dissociation rate constant on the intra-tumor distribution of antibody-drug conjugate against tissue factor. *Journal of Controlled Release*, **2018**, 284, 49-56	11.7	27
40	High expression of miR-181c as a predictive marker of recurrence in stage II colorectal cancer. *Oncotarget*, **2017**, 8, 6970-6983	3.3	27
39	Imaging mass spectrometry for the precise design of antibody-drug conjugates. *Scientific Reports*, **2016**, 6, 24954	4.9	27
38	Detection of colorectal cancer cells from feces using quantitative real-time RT-PCR for colorectal cancer diagnosis. *Cancer Science*, **2008**, 99, 1977-83	6.9	26
37	U3-1402, a Novel HER3-Targeting Antibody-Drug Conjugate, for the Treatment of Colorectal Cancer. *Molecular Cancer Therapeutics*, **2019**, 18, 2043-2050	6.1	25
36	The role of oxysterol binding protein-related protein 5 in pancreatic cancer. *Cancer Science*, **2010**, 101, 898-905	6.9	25
35	Antitumour activity of NK012, SN-38-incorporating polymeric micelles, in hypovascular orthotopic pancreatic tumour. *European Journal of Cancer*, **2010**, 46, 650-8	7.5	25
34	Detailed distribution of NK012, an SN-38-incorporating micelle, in the liver and its potent antitumor effects in mice bearing liver metastases. *Clinical Cancer Research*, **2010**, 16, 4822-31	12.9	23
33	The antitumor activity of NK012, an SN-38-incorporating micelle, in combination with bevacizumab against lung cancer xenografts. *Cancer*, **2010**, 116, 4597-604	6.4	21
32	Synergistic antitumor activity of the SN-38-incorporating polymeric micelles NK012 with S-1 in a mouse model of non-small cell lung cancer. *International Journal of Cancer*, **2010**, 127, 2699-706	7.5	20
31	Development of Antibody-Drug Conjugates Using DDS and Molecular Imaging. *Bioengineering*, **2017** , 4,	5.3	16
30	Feasibility study of the Fab fragment of a monoclonal antibody against tissue factor as a diagnostic tool. *International Journal of Oncology*, **2015**, 47, 2107-14	4.4	16
29	Utility of epirubicin-incorporating micelles tagged with anti-tissue factor antibody clone with no anticoagulant effect. *Cancer Science*, **2016**, 107, 335-40	6.9	16
28	Molecular imaging using an anti-human tissue factor monoclonal antibody in an orthotopic glioma xenograft model. *Scientific Reports*, **2017**, 7, 12341	4.9	15
27	Application of the fecal microRNA test to the residuum from the fecal occult blood test. *Japanese Journal of Clinical Oncology*, **2013**, 43, 726-33	2.8	15
26	Improved recovery of exfoliated colonocytes from feces using newly developed immunomagnetic beads. *Gastroenterology Research and Practice*, **2008**, 2008, 605273	2	12
25	Preparation and characterization of anti-tissue factor single-chain variable fragment antibody for cancer diagnosis. *Cancer Science*, **2014**, 105, 1631-7	6.9	8
24	Evaluation of the antitumor mechanism of antibody-drug conjugates against tissue factor in stroma-rich allograft models. *Cancer Science*, **2019**, 110, 3296-3305	6.9	7

23	Preclinical efficacy of Sym004, novel anti-EGFR antibody mixture, in esophageal squamous cell carcinoma cell lines. *Oncotarget*, **2017**, 8, 11020-11029	3.3	7
22	Reinforcement of antitumor effect of micelles containing anticancer drugs by binding of an anti-tissue factor antibody without direct cytocidal effects. *Journal of Controlled Release*, **2020**, 323, 138-150	11.7	5
21	New molecular diagnosis and screening methods for colorectal cancer using fecal protein, DNA and RNA. *Expert Review of Molecular Diagnostics*, **2014**, 14, 107-20	3.8	5
20	Adenoviral oncolytic suicide gene therapy for a peritoneal dissemination model of gastric cancer in mice. *Annals of Surgical Oncology*, **2010**, 17, 643-52	3.1	5
19	Radioimmunotherapy with an At-labeled anti-tissue factor antibody protected by sodium ascorbate. *Cancer Science*, **2021**, 112, 1975-1986	6.9	5
18	Detection of the DNA point mutation of colorectal cancer cells isolated from feces stored under different conditions. *Japanese Journal of Clinical Oncology*, **2009**, 39, 62-9	2.8	4
17	Antitumor effect of humanized anti-tissue factor antibody-drug conjugate in a model of peritoneal disseminated pancreatic cancer. *Oncology Reports*, **2021**, 45, 329-336	3.5	4
16	Mutation analysis of Rad18 in human cancer cell lines and non small cell lung cancer tissues. *Journal of Experimental and Clinical Cancer Research*, **2009**, 28, 106	12.8	3
15	Report of the use of patient-derived xenograft models in the development of anticancer drugs in Japan. *Cancer Science*, **2020**, 111, 3386-3394	6.9	3
14	Effect of combined treatment with micelle-incorporated cisplatin (NC-6004) and S-1 on human gastric cancer xenografts. *Molecular and Clinical Oncology*, **2016**, 5, 817-822	1.6	2
13	Novel virtual cytological analysis for the detection of endometrial cancer cells using autoscan fluoromicroscopy. *Cancer Science*, **2011**, 102, 1068-75	6.9	2
12	Mass spectrometry imaging for early discovery and development of cancer drugs. *AIMS Medical Science*, **2018**, 5, 162-180	0.4	2
11	Usefulness of Immuno-Magnetic Beads Conjugated with Anti-EpCAM Antibody for Detecting Endometrial Cancer Cells. *Journal of Cancer Therapy*, **2013**, 04, 1273-1282	0.2	2
10	Risk Stratification Score Improves Sensitivity for Advanced Colorectal Neoplasia in Colorectal Cancer Screening: The Oshima Study Workgroup. *Clinical and Translational Gastroenterology*, **2021**, 12, e00319	4.2	2
9	Optimum conditions of ultrasound-mediated destruction of bubble liposome for siRNA transfer in bladder cancer. *Therapeutic Delivery*, **2010**, 1, 247-55	3.8	1
8	A Longtime-Survived Case of Double Cancer in the Liver Treated with Microwave Coagulation Therapy and Hepatectomy. *Japanese Journal of Gastroenterological Surgery*, **2005**, 38, 502-508	0.1	1
7	Stabilization of an At-Labeled Antibody with Sodium Ascorbate. *ACS Omega*, **2021**, 6, 14887-14895	3.9	1
6	High expression of TMEM180, a novel tumour marker, is associated with poor survival in stage III colorectal cancer. *BMC Cancer*, **2021**, 21, 302	4.8	1

List of Publications

5	Selection of Tumor models. *Drug Delivery System*, **2020**, 35, 443-447	0
4	A Case of Endocrine Tumor of Pancreas with Multiple Liver Metastases Successfully Treated with Hepatic Arterial Chemotherapy. *Japanese Journal of Gastroenterological Surgery*, **2007**, 40, 80-84	0.1
3	Preclinical studies of immunomicelles incorporating anticancer drugs. *Drug Delivery System*, **2019**, 34, 29-37	0
2	Visualisation of drug delivery by using high resolution microscopic mass spectrometry. *Microvascular Reviews and Communications*, **2014**, 7, 36-36	
1	Preclinical Studies of ADC Therapy for Solid Tumors **2019**, 125-154	