Mitsunobu R Kano

List of Publications by Year
in descending order

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79 papers	7,234 citations	81743 39 h-index	95083 68 g-index
81 all docs	81 docs citations	81 times ranked	11136 citing authors

#	Article	IF	Citations
1	"Issues" in clinical medicine and in society. Drug Delivery System, 2022, 37, 8-16.	0.0	0
2	Population-Based Observational Study of Adverse Drug Event-Related Mortality in the Super-Aged Society of Japan. Drug Safety, 2021, 44, 531-539.	1.4	5
3	Trends in hepatitis C virusâ€associated mortality rates in Japan, 1998â€“2017. Journal of Gastroenterology and Hepatology (Australia), 2021, 36, 2486-2492.	1.4	4
4	Fibrotic elements within the tumor microenvironment and its implications for nano-drug delivery systems. Drug Delivery System, 2021, 36, 232-240.	0.0	0
5	A multidisciplinary approach to the science of tumor microenvironments. Drug Delivery System, 2021, 36, 229-229.	0.0	0
6	3D in vitro Model of Vascular Medial Thickening in Pulmonary Arterial Hypertension. Frontiers in Bioengineering and Biotechnology, 2020, 8, 482.	2.0	11
7	Heterotypic 3D pancreatic cancer model with tunable proportion of fibrotic elements. Biomaterials, 2020, 251, 120077.	5.7	23
8	Antibiotic prescriptions for Japanese outpatients with acute respiratory tract infections (2013â€“2015): A retrospective Observational Study. Journal of Infection and Chemotherapy, 2020, 26, 660-666.	0.8	8
9	Selection of Tumor models. Drug Delivery System, 2020, 35, 443-447.	0.0	0
10	In vivo rendezvous of small nucleic acid drugs with charge-matched block catiomers to target cancers. Nature Communications, 2019, 10, 1894.	5.8	53
11	Oral anticoagulants usage in Japanese patients aged 18â€“74 years with non-valvular atrial fibrillation: a retrospective analysis based on insurance claims data. Family Practice, 2019, 36, 685-692.	0.8	6
12	To Be Supported, or Not to Be: Images of Older People in Policy and the Reality in Local Communities in Japan. Frontiers in Sociology, 2019, 4, 16.	1.0	4
13	Fall-related mortality trends in older Japanese adults aged â‰¥65 years: a nationwide observational study. BMJ Open, 2019, 9, e033462.	0.8	18
14	Search for Therapeutic Agents for Cardiac Arrest Using a Drug Discovery Tool and Large-Scale Medical Information Database. Frontiers in Pharmacology, 2019, 10, 1257.	1.6	8
15	Place of death trends among patients with dementia in Japan: a population-based observational study. Scientific Reports, 2019, 9, 20235.	1.6	16
16	Pancreatic stellate cells derived from human pancreatic cancer demonstrate aberrant SPARC-dependent ECM remodeling in 3D engineered fibrotic tissue of clinically relevant thickness. Biomaterials, 2019, 192, 355-367.	5.7	32
17	Trends in incidence and mortality of tuberculosis in Japan: a population-based study, 1997â€“2016. Epidemiology and Infection, 2019, 147, e38.	1.0	19
18	Association between rapid antigen detection tests and antibiotics for acute pharyngitis in Japan: A retrospective observational study. Journal of Infection and Chemotherapy, 2019, 25, 267-272.	0.8	9

#	Article	IF	Citations
19	Pattern of antibiotic prescriptions for outpatients with acute respiratory tract infections in Japan, 2013â€“15: a retrospective observational study. Family Practice, 2019, 36, 402-409.	0.8	10
20	Stromal Barriers Within the Tumor Microenvironment and Obstacles to Nanomedicine. , 2019, , 57-89.		3
21	Trends in Polypharmacy in Japan: A Nationwide Retrospective Study. Journal of the American Geriatrics Society, 2018, 66, 2267-2273.	1.3	47
22	InÂvitro 3D blood/lymph-vascularized human stromal tissues for preclinical assays of cancer metastasis. Biomaterials, 2018, 179, 144-155.	5.7	44
23	Stromal barriers to nanomedicine penetration in the pancreatic tumor microenvironment. Cancer Science, 2018, 109, 2085-2092.	1.7	70
24	Okayama University's Collective Response to Advance the SDGs. Trends in the Sciences, 2018, 23, 1_44-1_47.	0.0	0
25	Considering the Significance of the Young Academy. Trends in the Sciences, 2018, 23, 5_36-5_43.	0.0	1
26	Desmoplastic Reaction in 3Dâ€Pancreatic Cancer Tissues Suppresses Molecular Permeability. Advanced Healthcare Materials, 2017, 6, 1700057.	3.9	19
27	Regulation of endothelial Fas expression as a mechanism of promotion of vascular integrity by mural cells in tumors. Cancer Science, 2017, 108, 1080-1088.	1.7	9
28	Hydrocortisone administration was associated with improved survival in Japanese patients with cardiac arrest. Scientific Reports, 2017, 7, 17919.	1.6	17
29	Systemically Injectable Enzymeâ€Loaded Polyion Complex Vesicles as In Vivo Nanoreactors Functioning in Tumors. Angewandte Chemie, 2016, 128, 570-575.	1.6	28
30	Systemically Injectable Enzymeâ€Loaded Polyion Complex Vesicles as In Vivo Nanoreactors Functioning in Tumors. Angewandte Chemie - International Edition, 2016, 55, 560-565.	7.2	149
31	Increased fibrosis and impaired intratumoral accumulation of macromolecules in a murine model of pancreatic cancer co-administered with FGF-2. Journal of Controlled Release, 2016, 230, 109-115.	4.8	21
32	Vascular bursts enhance permeability of tumour blood vessels and improve nanoparticle delivery. Nature Nanotechnology, 2016, 11, 533-538.	15.6	338
33	Authentic Vascular and Stromal Structure in Animal Disease Model for Nanomedicine. Fundamental Biomedical Technologies, 2016, , 149-160.	0.2	0
34	Density-tunable conjugation of cyclic RGD ligands with polyion complex vesicles for the neovascular imaging of orthotopic glioblastomas. Science and Technology of Advanced Materials, 2015, 16, 035004.	2.8	32
35	Systemic Targeting of Lymph Node Metastasis through the Blood Vascular System by Using Size-Controlled Nanocarriers. ACS Nano, 2015, 9, 4957-4967.	7.3	118
36	[TOPICS]Insufficient drug delivery due to pathophysiological structure of disease foci: A potential reason of intractability. Drug Delivery System, 2014, 29, 447-454.	0.0	0

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37	Nanotechnology and tumor microcirculation. Advanced Drug Delivery Reviews, 2014, 74, 2-11.	6.6	25
38	Secretions from placenta, after hypoxia/reoxygenation, can damage developing neurones of brain under experimental conditions. Experimental Neurology, 2014, 261, 386-395.	2.0	29
39	Polymeric micelles loaded with platinum anticancer drugs target preangiogenic micrometastatic niches associated with inflammation. Journal of Controlled Release, 2014, 189, 1-10.	4.8	43
40	Nano-pathophysiology: A novel integrated approach to disease through application of nanotechnology. Advanced Drug Delivery Reviews, 2014, 74, 1.	6.6	3
41	Targeted gene delivery by polyplex micelles with crowded PEG palisade and cRGD moiety for systemic treatment of pancreatic tumors. Biomaterials, 2014, 35, 3416-3426.	5.7	121
42	Building Experimental System Modeling Fibrotic Tissue in Human Pancreatic Cancer by Three-Dimensional Layer-by-Layer Culture. Nanomedicine and Nanotoxicology, 2014, , 175-181.	0.1	0
43	Cyclic RGD-Linked Polymeric Micelles for Targeted Delivery of Platinum Anticancer Drugs to Glioblastoma through the Bloodâ€“Brain Tumor Barrier. ACS Nano, 2013, 7, 8583-8592.	7.3	397
44	SPIO-PICsome: Development of a highly sensitive and stealth-capable MRI nano-agent for tumor detection using SPIO-loaded unilamellar polyion complex vesicles (PICsomes). Journal of Controlled Release, 2013, 169, 220-227.	4.8	56
45	Targeted therapy of spontaneous murine pancreatic tumors by polymeric micelles prolongs survival and prevents peritoneal metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11397-11402.	3.3	91
46	Transcription Factor YY1 Contributes to Tumor Growth by Stabilizing Hypoxia Factor HIF-1Î± in a p53-Independent Manner. Cancer Research, 2013, 73, 1787-1799.	0.4	62
47	Pericyte-Coverage of Human Tumor Vasculature and Nanoparticle Permeability. Biological and Pharmaceutical Bulletin, 2012, 35, 761-766.	0.6	36
48	Engineering fibrotic tissue in pancreatic cancer: A novel three-dimensional model to investigate nanoparticle delivery. Biochemical and Biophysical Research Communications, 2012, 419, 32-37.	1.0	40
49	PDGFRÎ² expression in tumor stroma of pancreatic adenocarcinoma as a reliable prognostic marker. Medical Oncology, 2012, 29, 2824-2830.	1.2	59
50	NC-6301, a polymeric micelle rationally optimized for effective release of docetaxel, is potent but is less toxic than native docetaxel in vivo. International Journal of Nanomedicine, 2012, 7, 2713.	3.3	8
51	Homo-catiomer integration into PEGylated polyplex micelle from block-catiomer for systemic anti-angiogenic gene therapy for fibrotic pancreatic tumors. Biomaterials, 2012, 33, 4722-4730.	5.7	61
52	Polymeric micelles incorporating (1,2-diaminocyclohexane)platinum (II) suppress the growth of orthotopic scirrhous gastric tumors and their lymph node metastasis. Journal of Controlled Release, 2012, 159, 189-196.	4.8	67
53	Preceding Challenges by Dutch Young Academy. Trends in the Sciences, 2012, 17, 9_36-9_47.	0.0	0
54	Accumulation of sub-100Ânm polymeric micelles in poorly permeable tumours depends on size. Nature Nanotechnology, 2011, 6, 815-823.	15.6	2,114

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55	Improving Drug Potency and Efficacy by Nanocarrier-Mediated Subcellular Targeting. Science Translational Medicine, 2011, 3, 64ra2.	5.8	231
56	Transforming growth factor-Î² decreases the cancer-initiating cell population within diffuse-type gastric carcinoma cells. Oncogene, 2011, 30, 1693-1705.	2.6	77
57	Antiangiogenic gene therapy of experimental pancreatic tumor by sFlt-1 plasmid DNA carried by RGD-modified crosslinked polyplex micelles. Journal of Controlled Release, 2011, 149, 51-57.	4.8	86
58	Polyplex micelles prepared from Ï‰-cholesteryl PEG-polycation block copolymers for systemic gene delivery. Biomaterials, 2011, 32, 652-663.	5.7	101
59	High Expression of IL-22 Suppresses Antigen-Induced Immune Responses and Eosinophilic Airway Inflammation via an IL-10â€“Associated Mechanism. Journal of Immunology, 2011, 187, 5077-5089.	0.4	66
60	Theranostic probes. Drug Delivery System, 2011, 26, 386-391.	0.0	0
61	LPA4 regulates blood and lymphatic vessel formation during mouse embryogenesis. Blood, 2010, 116, 5060-5070.	0.6	109
62	Antiangiogenic Gene Therapy of Solid Tumor by Systemic Injection of Polyplex Micelles Loading Plasmid DNA Encoding Soluble Flt-1. Molecular Pharmaceutics, 2010, 7, 501-509.	2.3	67
63	Enhanced in vivo Magnetic Resonance Imaging of Tumors by PEGylated Ironâ€Oxideâ€“Gold Coreâ€“Shell Nanoparticles with Prolonged Blood Circulation Properties. Macromolecular Rapid Communications, 2010, 31, 1521-1528.	2.0	84
64	Exogenous introduction of tissue inhibitor of metalloproteinase 2 reduces accelerated growth of TGFâ€Î²â€disrupted diffuseâ€type gastric carcinoma. Cancer Science, 2010, 101, 2398-2403.	1.7	15
65	Induction of Endothelial Nitric Oxide Synthase, SIRT1, and Catalase by Statins Inhibits Endothelial Senescence Through the Akt Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 2205-2211.	1.1	185
66	Autophagy Is Activated by TGF-Î² and Potentiates TGF-Î²â€Mediated Growth Inhibition in Human Hepatocellular Carcinoma Cells. Cancer Research, 2009, 69, 8844-8852.	0.4	263
67	Enhanced Percolation and Gene Expression in Tumor Hypoxia by PEGylated Polyplex Micelles. Molecular Therapy, 2009, 17, 1404-1410.	3.7	30
68	Diffuse-Type Gastric Carcinoma: Progression, Angiogenesis, and Transforming Growth Factor Î² Signaling. Journal of the National Cancer Institute, 2009, 101, 592-604.	3.0	66
69	Enhanced magnetic resonance imaging of experimental pancreatic tumor in vivo by block copolymer-coated magnetite nanoparticles with TGF-Î² inhibitor. Journal of Controlled Release, 2009, 140, 306-311.	4.8	60
70	Comparison of the effects of the kinase inhibitors imatinib, sorafenib, and transforming growth factorâ€Î² receptor inhibitor on extravasation of nanoparticles from neovasculature. Cancer Science, 2009, 100, 173-180.	1.7	104
71	câ€Ski overexpression promotes tumor growth and angiogenesis through inhibition of transforming growth factorâ€Î² signaling in diffuseâ€type gastric carcinoma. Cancer Science, 2009, 100, 1809-1816.	1.7	44
72	Polyplex Micelles from Triblock Copolymers Composed of Tandemly Aligned Segments with Biocompatible, Endosomal Escaping, and DNA-Condensing Functions for Systemic Gene Delivery to Pancreatic Tumor Tissue. Pharmaceutical Research, 2008, 25, 2924-2936.	1.7	45

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73	Enhancement of Angiogenesis Through Stabilization of Hypoxia-inducible Factor-1 by Silencing Prolyl Hydroxylase Domain-2 Gene. Molecular Therapy, 2008, 16, 1227-1234.	3.7	48
74	Cilostazol Inhibits Oxidative Stressâ€“Induced Premature Senescence Via Upregulation of Sirt1 in Human Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1634-1639.	1.1	208
75	Inhibition of endogenous TGF-Î² signaling enhances lymphangiogenesis. Blood, 2008, 111, 4571-4579.	0.6	207
76	Improvement of cancer-targeting therapy, using nanocarriers for intractable solid tumors by inhibition of TGF-beta signaling. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3460-3465.	3.3	404
77	Inhibition of Cyclooxygenase-2 Suppresses Lymph Node Metastasis via Reduction of Lymphangiogenesis. Cancer Research, 2007, 67, 10181-10189.	0.4	117
78	IL-5-Induced Hypereosinophilia Suppresses the Antigen-Induced Immune Response via a TGF-Î²-Dependent Mechanism. Journal of Immunology, 2007, 179, 284-294.	0.4	20
79	VEGF-A and FGF-2 synergistically promote neoangiogenesis through enhancement of endogenous PDGF-Bâ€“PDGFRÎ² signaling. Journal of Cell Science, 2005, 118, 3759-3768.	1.2	263