

Nobuyoshi Kosaka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/273222/publications.pdf>

Version: 2024-02-01

70
papers

11,113
citations

71004

43
h-index

139680

61
g-index

70
all docs

70
docs citations

70
times ranked

18868
citing authors

#	ARTICLE	IF	CITATIONS
1	Osteoblast-derived vesicles induce a switch from bone-formation to bone-resorption in vivo. <i>Nature Communications</i> , 2022, 13, 1066.	5.8	39
2	Extracellular vesicles as biomarkers and therapeutic targets for cancer. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C29-C39.	2.1	162
3	The miR-1908/SRM regulatory axis contributes to extracellular vesicle secretion in prostate cancer. <i>Cancer Science</i> , 2020, 111, 3258-3267.	1.7	11
4	Altered biodistribution of deglycosylated extracellular vesicles through enhanced cellular uptake. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1713527.	5.5	58
5	miR-26a regulates extracellular vesicle secretion from prostate cancer cells via targeting SHC4, PFDN4, and CHORDC1. <i>Science Advances</i> , 2020, 6, eaay3051.	4.7	39
6	Latest advances in extracellular vesicles: from bench to bedside. <i>Science and Technology of Advanced Materials</i> , 2019, 20, 746-757.	2.8	74
7	Exploiting the message from cancer: the diagnostic value of extracellular vesicles for clinical applications. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-9.	3.2	87
8	Cancer-secreted hsa-miR-940 induces an osteoblastic phenotype in the bone metastatic microenvironment via targeting ARHGAP1 and FAM134A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2204-2209.	3.3	200
9	The abrogation of condensin function provides independent evidence for defining the self-renewing population of pluripotent stem cells. <i>Developmental Biology</i> , 2018, 433, 218-226.	0.9	13
10	Extracellular vesicles: Toward a clinical application in urological cancer treatment. <i>International Journal of Urology</i> , 2018, 25, 533-543.	0.5	32
11	Understanding the Role of Extracellular Vesicles in Lenalidomide-Resistance Multiple Myeloma. <i>Blood</i> , 2018, 132, 1887-1887.	0.6	1
12	An X-ray shielded irradiation assay reveals EMT transcription factors control pluripotent adult stem cell migration <i>in vivo</i> in planarians. <i>Development (Cambridge)</i> , 2017, 144, 3440-3453.	1.2	49
13	Versatile roles of extracellular vesicles in cancer. <i>Journal of Clinical Investigation</i> , 2016, 126, 1163-1172.	3.9	261
14	Expression Level of Urinary MicroRNA-146a-5p Is Increased in Patients With Bladder Cancer and Decreased in Those After Transurethral Resection. <i>Clinical Genitourinary Cancer</i> , 2016, 14, e493-e499.	0.9	53
15	PAI-1, a target gene of miR-143, regulates invasion and metastasis by upregulating MMP-13 expression of human osteosarcoma. <i>Cancer Medicine</i> , 2016, 5, 892-902.	1.3	69
16	Suppression of autophagy by extracellular vesicles promotes myofibroblast differentiation in COPD pathogenesis. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 28388.	5.5	187
17	Commitment of Annexin A2 in recruitment of microRNAs into extracellular vesicles. <i>FEBS Letters</i> , 2015, 589, 4071-4078.	1.3	72
18	The Clinical Relevance of the miR-197/CKS1B/STAT3-mediated PD-L1 Network in Chemoresistant Non-small-cell Lung Cancer. <i>Molecular Therapy</i> , 2015, 23, 717-727.	3.7	218

#	ARTICLE	IF	CITATIONS
19	Bovine milk exosomes contain microRNA and mRNA and are taken up by human macrophages. <i>Journal of Dairy Science</i> , 2015, 98, 2920-2933.	1.4	269
20	Brain metastatic cancer cells release microRNA-181c-containing extracellular vesicles capable of destructing blood-brain barrier. <i>Nature Communications</i> , 2015, 6, 6716.	5.8	547
21	On-Chip Immunoelectrophoresis of Extracellular Vesicles Released from Human Breast Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0123603.	1.1	71
22	Extracellular vesicles in lung microenvironment and pathogenesis. <i>Trends in Molecular Medicine</i> , 2015, 21, 533-542.	3.5	149
23	Exosomal miRNAs from Peritoneum Lavage Fluid as Potential Prognostic Biomarkers of Peritoneal Metastasis in Gastric Cancer. <i>PLoS ONE</i> , 2015, 10, e0130472.	1.1	141
24	Dark side of the exosome: the role of the exosome in cancer metastasis and targeting the exosome as a strategy for cancer therapy. <i>Future Oncology</i> , 2014, 10, 671-681.	1.1	48
25	Exosomes from bone marrow mesenchymal stem cells contain a microRNA that promotes dormancy in metastatic breast cancer cells. <i>Science Signaling</i> , 2014, 7, ra63.	1.6	558
26	Circulating MicroRNAs in Drug Safety Assessment for Hepatic and Cardiovascular Toxicity: The Latest Biomarker Frontier?. <i>Molecular Diagnosis and Therapy</i> , 2014, 18, 121-126.	1.6	13
27	A paradigm shift for extracellular vesicles as small RNA carriers: from cellular waste elimination to therapeutic applications. <i>Drug Delivery and Translational Research</i> , 2014, 4, 31-37.	3.0	39
28	Profiling of circulating microRNAs for prostate cancer biomarker discovery. <i>Drug Delivery and Translational Research</i> , 2014, 4, 19-30.	3.0	84
29	Clinical Relevance and Therapeutic Significance of MicroRNA-133a Expression Profiles and Functions in Malignant Osteosarcoma-Initiating Cells. <i>Stem Cells</i> , 2014, 32, 959-973.	1.4	61
30	The roles of extracellular vesicles in cancer biology: Toward the development of novel cancer biomarkers. <i>Proteomics</i> , 2014, 14, 412-425.	1.3	134
31	Physiological and pathological relevance of secretory microRNAs and a perspective on their clinical application. <i>Biological Chemistry</i> , 2014, 395, 365-373.	1.2	11
32	RPN2-mediated glycosylation of tetraspanin CD63 regulates breast cancer cell malignancy. <i>Molecular Cancer</i> , 2014, 13, 134.	7.9	84
33	Ultra-sensitive liquid biopsy of circulating extracellular vesicles using ExoScreen. <i>Nature Communications</i> , 2014, 5, 3591.	5.8	450
34	miRNA-133a is a novel biomarker for the diagnosis and prognosis of acute myocardial infarction. <i>Kagaku To Seibutsu</i> , 2014, 52, 1-6.		
35	Time-Dependent Expression Profiles of microRNAs and mRNAs in Rat Milk Whey. <i>PLoS ONE</i> , 2014, 9, e88843.	1.1	73
36	Exosome in disease biology, diagnosis, and therapy. <i>Inflammation and Regeneration</i> , 2014, 34, 233-239.	1.5	3

#	ARTICLE	IF	CITATIONS
37	miR-148a plays a pivotal role in the liver by promoting the hepatospecific phenotype and suppressing the invasiveness of transformed cells. <i>Hepatology</i> , 2013, 58, 1153-1165.	3.6	119
38	The therapeutic potential of mesenchymal stem cell-derived extracellular vesicles. <i>Proteomics</i> , 2013, 13, 1637-1653.	1.3	332
39	Exosomal tumor-suppressive microRNAs as novel cancer therapy. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 376-382.	6.6	72
40	Therapeutic Effects of MicroRNA-582-5p and -3p on the Inhibition of Bladder Cancer Progression. <i>Molecular Therapy</i> , 2013, 21, 610-619.	3.7	98
41	Neutral Sphingomyelinase 2 (nSMase2)-dependent Exosomal Transfer of Angiogenic MicroRNAs Regulate Cancer Cell Metastasis. <i>Journal of Biological Chemistry</i> , 2013, 288, 10849-10859.	1.6	629
42	Trash or Treasure: extracellular microRNAs and cell-to-cell communication. <i>Frontiers in Genetics</i> , 2013, 4, 173.	1.1	144
43	Comparative marker analysis of extracellular vesicles in different human cancer types. <i>Journal of Extracellular Vesicles</i> , 2013, 2, .	5.5	321
44	Micromanaging Iron Homeostasis. <i>Journal of Biological Chemistry</i> , 2012, 287, 34110-34119.	1.6	70
45	Competitive Interactions of Cancer Cells and Normal Cells via Secretory MicroRNAs. <i>Journal of Biological Chemistry</i> , 2012, 287, 1397-1405.	1.6	237
46	Comprehensive miRNA Expression Analysis in Peripheral Blood Can Diagnose Liver Disease. <i>PLoS ONE</i> , 2012, 7, e48366.	1.1	149
47	MicroRNA-143 Regulates Human Osteosarcoma Metastasis by Regulating Matrix Metalloprotease-13 Expression. <i>Molecular Therapy</i> , 2011, 19, 1123-1130.	3.7	240
48	The Progression of Liver Fibrosis Is Related with Overexpression of the miR-199 and 200 Families. <i>PLoS ONE</i> , 2011, 6, e16081.	1.1	248
49	Structural and biological properties of erythropoietin in <i>Xenopus laevis</i> . <i>Experimental Hematology</i> , 2010, 38, 363-372.	0.2	32
50	Circulating microRNA in body fluid: a new potential biomarker for cancer diagnosis and prognosis. <i>Cancer Science</i> , 2010, 101, 2087-2092.	1.7	1,180
51	Secretory microRNAs as a versatile communication tool. <i>Communicative and Integrative Biology</i> , 2010, 3, 478-481.	0.6	132
52	Systemic Delivery of Synthetic MicroRNA-16 Inhibits the Growth of Metastatic Prostate Tumors via Downregulation of Multiple Cell-cycle Genes. <i>Molecular Therapy</i> , 2010, 18, 181-187.	3.7	399
53	Secretory Mechanisms and Intercellular Transfer of MicroRNAs in Living Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 17442-17452.	1.6	1,657
54	Versatile Applications of microRNA in Anti-Cancer Drug Discovery: From Therapeutics to Biomarkers. <i>Current Drug Discovery Technologies</i> , 2010, 7, 95-105.	0.6	24

#	ARTICLE	IF	CITATIONS
55	Erythropoietin-Inducible MicroRNA-362 Contributes to Erythropoiesis Via the Suppression of Histone Deacetylase 3.. <i>Blood</i> , 2010, 116, 2603-2603.	0.6	1
56	Pleiotropic function of FGF4: Its role in development and stem cells. <i>Developmental Dynamics</i> , 2009, 238, 265-276.	0.8	37
57	MicroRNA-500 as a potential diagnostic marker for hepatocellular carcinoma. <i>Biomarkers</i> , 2009, 14, 529-538.	0.9	204
58	Identification of erythropoietin-induced microRNAs in haematopoietic cells during erythroid differentiation. <i>British Journal of Haematology</i> , 2008, 142, 293-300.	1.2	44
59	Expression of miR-188 and 362 Induced by Erythropoietin Stimulation in a Human Erythrocytic Leukemia Cell Line.. <i>Blood</i> , 2007, 110, 2210-2210.	0.6	0
60	Erythropoietin Lacking Hypoxia Responsive Element in 3' Untranslated Region Stimulates Hepatic Erythropoiesis in Anemic <i>Xenopus</i> .. <i>Blood</i> , 2007, 110, 4057-4057.	0.6	0
61	Regulation of miR-210 Generation in Response to Hypoxia in Erythrocytic Cells.. <i>Blood</i> , 2007, 110, 1247-1247.	0.6	0
62	FGF4 regulates neural progenitor cell proliferation and neuronal differentiation. <i>FASEB Journal</i> , 2006, 20, 1484-1485.	0.2	52
63	Alternation of Cellular Morphology and Proliferation Induced by microRNA in Human Leukemia Cell Line, UT-7/EPO.. <i>Blood</i> , 2006, 108, 4203-4203.	0.6	0
64	Structure of Erythropoietin in African Clawed Frogs, <i>Xenopus laevis</i> , and Its Role in the Liver Erythropoiesis.. <i>Blood</i> , 2006, 108, 1148-1148.	0.6	0
65	Expression of Erythropoietin Receptor-Like Molecule in <i>Xenopus laevis</i> and Erythrocytopenia upon Administration of Its Recombinant Soluble Form. <i>Journal of Biochemistry</i> , 2005, 138, 167-175.	0.9	21
66	Circulating Erythroid Progenitors and Predominant Contribution of Liver to Erythropoiesis in Adult <i>Xenopus laevis</i> .. <i>Blood</i> , 2005, 106, 4213-4213.	0.6	0
67	Identification and Expression of Two microRNA Primary Transcripts, pri-miR-223 and pri-miR-10a, in Hematopoietic Cell Lines during Cytokine-Stimulated Differentiation.. <i>Blood</i> , 2005, 106, 1747-1747.	0.6	0
68	Hematological Changes in Cold-Acclimated <i>Xenopus laevis</i> .. <i>Blood</i> , 2005, 106, 4212-4212.	0.6	0
69	Atelocollagen-mediated synthetic small interfering RNA delivery for effective gene silencing in vitro and in vivo. <i>Nucleic Acids Research</i> , 2004, 32, e109-e109.	6.5	303
70	Expression of Erythropoietin Receptor-Like Molecule in <i>Xenopus laevis</i> (xeEPOR) and the Development of Anemia by the Administration of Its Recombinant Soluble Form.. <i>Blood</i> , 2004, 104, 2783-2783.	0.6	8