

Kounosuke Watabe

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

4,867
citations

126708

33
h-index

98622

67
g-index

84
all docs

84
docs citations

84
times ranked

7680
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone morphogenetic protein 7 in dormancy and metastasis of prostate cancer stem-like cells in bone. <i>Journal of Experimental Medicine</i> , 2011, 208, 2641-2655.	4.2	346
2	Exosome-mediated transfer of miR-10b promotes cell invasion in breast cancer. <i>Molecular Cancer</i> , 2014, 13, 256.	7.9	330
3	Extracellular vesicles from bone marrow mesenchymal stem/stromal cells transport tumor regulatory microRNA, proteins, and metabolites. <i>Oncotarget</i> , 2015, 6, 4953-4967.	0.8	271
4	Mechanisms regulating glioma invasion. <i>Cancer Letters</i> , 2015, 362, 1-7.	3.2	269
5	miR-7 Suppresses Brain Metastasis of Breast Cancer Stem-Like Cells By Modulating KLF4. <i>Cancer Research</i> , 2013, 73, 1434-1444.	0.4	247
6	The Drg-1 gene suppresses tumor metastasis in prostate cancer. <i>Cancer Research</i> , 2003, 63, 1731-6.	0.4	234
7	Loss of XIST in Breast Cancer Activates MSN-c-Met and Reprograms Microglia via Exosomal miRNA to Promote Brain Metastasis. <i>Cancer Research</i> , 2018, 78, 4316-4330.	0.4	233
8	Resveratrol suppresses growth of cancer stem-like cells by inhibiting fatty acid synthase. <i>Breast Cancer Research and Treatment</i> , 2011, 130, 387-398.	1.1	171
9	Reactive astrocytes promote the metastatic growth of breast cancer stem-like cells by activating Notch signalling in brain. <i>EMBO Molecular Medicine</i> , 2013, 5, 384-396.	3.3	151
10	Phosphorylation of PDHA by AMPK Drives TCA Cycle to Promote Cancer Metastasis. <i>Molecular Cell</i> , 2020, 80, 263-278.e7.	4.5	120
11	The roles of microglia macrophages in tumor progression of brain cancer and metastatic disease. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 1805-1829.	3.0	119
12	Nicotine promotes breast cancer metastasis by stimulating N2 neutrophils and generating pre-metastatic niche in lung. <i>Nature Communications</i> , 2021, 12, 474.	5.8	114
13	Roles of the Cyclooxygenase 2 Matrix Metalloproteinase 1 Pathway in Brain Metastasis of Breast Cancer. <i>Journal of Biological Chemistry</i> , 2015, 290, 9842-9854.	1.6	109
14	Extracellular vesicles as emerging targets in cancer: Recent development from bench to bedside. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017, 1868, 538-563.	3.3	109
15	Regulation of nucleotide metabolism by mutant p53 contributes to its gain-of-function activities. <i>Nature Communications</i> , 2015, 6, 7389.	5.8	104
16	Dissecting intratumoral myeloid cell plasticity by single cell RNA-seq. <i>Cancer Medicine</i> , 2019, 8, 3072-3085.	1.3	103
17	Activation of the c-Met Pathway Mobilizes an Inflammatory Network in the Brain Microenvironment to Promote Brain Metastasis of Breast Cancer. <i>Cancer Research</i> , 2016, 76, 4970-4980.	0.4	102
18	Roles of lncRNA in breast cancer. <i>Frontiers in Bioscience - Scholar</i> , 2015, 7, 94-108.	0.8	94

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19	Brain Metastasis Velocity: A Novel Prognostic Metric Predictive of Overall Survival and Freedom From Whole-Brain Radiation Therapy After Distant Brain Failure Following Upfront Radiosurgery Alone. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 98, 131-141.	0.4	91
20	Secreted Protein Acidic and Rich in Cysteine (SPARC) Mediates Metastatic Dormancy of Prostate Cancer in Bone. <i>Journal of Biological Chemistry</i> , 2016, 291, 19351-19363.	1.6	89
21	Initial SRS for Patients With 5 to 15 Brain Metastases: Results of a Multi-Institutional Experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 1091-1098.	0.4	89
22	Acidosis promotes invasiveness of breast cancer cells through ROS-AKT-NF- κ B pathway. <i>Oncotarget</i> , 2014, 5, 12070-12082.	0.8	76
23	Exosomal miR-19a and IBSP cooperate to induce osteolytic bone metastasis of estrogen receptor-positive breast cancer. <i>Nature Communications</i> , 2021, 12, 5196.	5.8	74
24	Emerging Indications for Fractionated Gamma Knife Radiosurgery. <i>Neurosurgery</i> , 2017, 80, 210-216.	0.6	65
25	TGLI1 transcription factor mediates breast cancer brain metastasis via activating metastasis-initiating cancer stem cells and astrocytes in the tumor microenvironment. <i>Oncogene</i> , 2020, 39, 64-78.	2.6	64
26	TRAF6 Restricts p53 Mitochondrial Translocation, Apoptosis, and Tumor Suppression. <i>Molecular Cell</i> , 2016, 64, 803-814.	4.5	63
27	Impact of systemic targeted agents on the clinical outcomes of patients with brain metastases. <i>Oncotarget</i> , 2015, 6, 18945-18955.	0.8	57
28	The Confounders of Cancer Immunotherapy: Roles of Lifestyle, Metabolic Disorders and Sociological Factors. <i>Cancers</i> , 2020, 12, 2983.	1.7	56
29	Nicotine promotes brain metastasis by polarizing microglia and suppressing innate immune function. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	56
30	Staged Stereotactic Radiosurgery for Large Brain Metastases: Local Control and Clinical Outcomes of a One-Two Punch Technique. <i>Neurosurgery</i> , 2018, 83, 114-121.	0.6	48
31	The gain-of-function GLI1 transcription factor TGLI1 enhances expression of VEGF-C and TEM7 to promote glioblastoma angiogenesis. <i>Oncotarget</i> , 2015, 6, 22653-22665.	0.8	46
32	Ca ²⁺ and CACNA1H mediate targeted suppression of breast cancer brain metastasis by AM RF EMF. <i>EBioMedicine</i> , 2019, 44, 194-208.	2.7	45
33	Predictors of neurologic and nonneurologic death in patients with brain metastasis initially treated with upfront stereotactic radiosurgery without whole-brain radiation therapy. <i>Neuro-Oncology</i> , 2016, 19, now184.	0.6	44
34	ID2 and GJB2 promote early-stage breast cancer progression by regulating cancer stemness. <i>Breast Cancer Research and Treatment</i> , 2019, 175, 77-90.	1.1	33
35	Combined inhibition of AKT and HSF1 suppresses breast cancer stem cells and tumor growth. <i>Oncotarget</i> , 2017, 8, 73947-73963.	0.8	33
36	Stromal cell extracellular vesicular cargo mediated regulation of breast cancer cell metastasis via ubiquitin conjugating enzyme E2 N pathway. <i>Oncotarget</i> , 2017, 8, 109861-109876.	0.8	32

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37	Exosomal miR-4466 from nicotine-activated neutrophils promotes tumor cell stemness and metabolism in lung cancer metastasis. <i>Oncogene</i> , 2022, 41, 3079-3092.	2.6	32
38	Tumour-specific amplitude-modulated radiofrequency electromagnetic fields induce differentiation of hepatocellular carcinoma via targeting Cav3.2 ^v -type voltage-gated calcium channels and Ca ²⁺ influx. <i>EBioMedicine</i> , 2019, 44, 209-224.	2.7	31
39	Prediction of new brain metastases after radiosurgery: validation and analysis of performance of a multi-institutional nomogram. <i>Journal of Neuro-Oncology</i> , 2017, 135, 403-411.	1.4	30
40	Multi-institutional validation of brain metastasis velocity, a recently defined predictor of outcomes following stereotactic radiosurgery. <i>Radiotherapy and Oncology</i> , 2020, 142, 168-174.	0.3	29
41	Multi-Omics Analysis of Brain Metastasis Outcomes Following Craniotomy. <i>Frontiers in Oncology</i> , 2020, 10, 615472.	1.3	29
42	Surgical resection and postoperative radiosurgery versus staged radiosurgery for large brain metastases. <i>Journal of Neuro-Oncology</i> , 2018, 140, 749-756.	1.4	27
43	Truncated Glioma-Associated Oncogene Homolog 1 (tGLI1) Mediates Mesenchymal Glioblastoma via Transcriptional Activation of CD44. <i>Cancer Research</i> , 2018, 78, 2589-2600.	0.4	26
44	Breast cancer extracellular vesicles-derived miR-1290 activates astrocytes in the brain metastatic microenvironment via the FOXA2 ⁺ /CNTF axis to promote progression of brain metastases. <i>Cancer Letters</i> , 2022, 540, 215726.	3.2	24
45	CD117/c-kit defines a prostate CSC-like subpopulation driving progression and TKI resistance. <i>Scientific Reports</i> , 2021, 11, 1465.	1.6	23
46	Use of non-ionizing electromagnetic fields for the treatment of cancer. <i>Frontiers in Bioscience - Landmark</i> , 2018, 23, 284-297.	3.0	22
47	The Effects of smoking status and smoking history on patients with brain metastases from lung cancer. <i>Cancer Medicine</i> , 2017, 6, 944-952.	1.3	21
48	Predictors of Adverse Radiation Effect in Brain Metastasis Patients Treated With Stereotactic Radiosurgery and Immune Checkpoint Inhibitor Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 295-303.	0.4	20
49	Initial brain metastasis velocity: does the rate at which cancers first seed the brain affect outcomes?. <i>Journal of Neuro-Oncology</i> , 2018, 139, 461-467.	1.4	19
50	Clinical Outcomes of Upfront Stereotactic Radiosurgery Alone for Patients With 5 to 15 Brain Metastases. <i>Neurosurgery</i> , 2019, 85, 257-263.	0.6	19
51	Tamoxifen suppresses brain metastasis of estrogen receptor-deficient breast cancer by skewing microglia polarization and enhancing their immune functions. <i>Breast Cancer Research</i> , 2021, 23, 35.	2.2	19
52	Biochemical and Anti-Triple Negative Metastatic Breast Tumor Cell Properties of Psammaplins. <i>Marine Drugs</i> , 2018, 16, 442.	2.2	18
53	Regucalcin promotes dormancy of prostate cancer. <i>Oncogene</i> , 2021, 40, 1012-1026.	2.6	18
54	MicroRNAs in Cancer Stem Cells: New Regulators of Stemness. <i>Current Pharmaceutical Design</i> , 2014, 20, 5319-5327.	0.9	14

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55	Metabolism in the progression and metastasis of brain tumors. <i>Cancer Letters</i> , 2022, 539, 215713.	3.2	14
56	Non-coding RNAs in cancer brain metastasis. <i>Frontiers in Bioscience - Scholar</i> , 2016, 8, 187-202.	0.8	13
57	Sociodemographic predictors of patients with brain metastases treated with stereotactic radiosurgery. <i>Oncotarget</i> , 2017, 8, 101005-101011.	0.8	12
58	Impact of brain metastasis velocity on neurologic death for brain metastasis patients experiencing distant brain failure after initial stereotactic radiosurgery. <i>Journal of Neuro-Oncology</i> , 2020, 146, 285-292.	1.4	11
59	Epigenetic and Posttranscriptional Modulation of SOS1 Can Promote Breast Cancer Metastasis through Obesity-Activated c-Met Signaling in African-American Women. <i>Cancer Research</i> , 2021, 81, 3008-3021.	0.4	11
60	Identification of CD37, cystatin A, and IL-23A gene expression in association with brain metastasis: analysis of a prospective trial. <i>International Journal of Biological Markers</i> , 2019, 34, 90-97.	0.7	10
61	Biology and treatment of metastasis of sarcoma to the brain. <i>Frontiers in Bioscience - Elite</i> , 2016, 8, 233-244.	0.9	9
62	Treatment of brain metastases of lung cancer in the era of precision medicine. <i>Frontiers in Bioscience - Elite</i> , 2016, 8, 219-232.	0.9	9
63	Leptomeningeal failure in patients with breast cancer receiving stereotactic radiosurgery for brain metastases. <i>Journal of Clinical Neuroscience</i> , 2017, 43, 6-10.	0.8	8
64	Computational systems biology in cancer brain metastasis. <i>Frontiers in Bioscience - Scholar</i> , 2016, 8, 169-186.	0.8	6
65	Feasibility of lung cancer RNA acquisition from a single transbronchial or transthoracic needle pass (FASTT trial). <i>Lung Cancer</i> , 2019, 127, 6-11.	0.9	6
66	LncRNA IPW inhibits growth of ductal carcinoma in situ by downregulating ID2 through miR-29c. <i>Breast Cancer Research</i> , 2022, 24, 6.	2.2	6
67	Analysis of the drivers of cost of management when patients with brain metastases are treated with upfront radiosurgery. <i>Clinical Neurology and Neurosurgery</i> , 2019, 176, 10-14.	0.6	5
68	Local control of brain metastases after stereotactic radiosurgery: the impact of whole brain radiotherapy and treatment paradigm. <i>Journal of Radiosurgery and SBRT</i> , 2016, 4, 89-96.	0.2	5
69	Potential prognostic markers for survival and neurologic death in patients with breast cancer brain metastases who receive upfront SRS alone. <i>Journal of Radiosurgery and SBRT</i> , 2018, 5, 277-283.	0.2	5
70	CD138 plasma cells may predict brain metastasis recurrence following resection and stereotactic radiosurgery. <i>Scientific Reports</i> , 2019, 9, 14385.	1.6	4
71	Survival and Failure Outcomes Predicted by Brain Metastasis Volumetric Kinetics in Melanoma Patients Following Upfront Treatment with Stereotactic Radiosurgery Alone. <i>Cureus</i> , 2017, 9, e1934.	0.2	4
72	Biomarkers and mechanisms associated with recurrent prostate cancer. <i>Frontiers in Bioscience - Landmark</i> , 2014, 19, 339.	3.0	3

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73	The number of prior lines of systemic therapy as a prognostic factor for patients with brain metastases treated with stereotactic radiosurgery: Results of a large single institution retrospective analysis. <i>Clinical Neurology and Neurosurgery</i> , 2018, 165, 24-28.	0.6	3
74	Optimization of Tissue Microarrays from Banked Human Formalin-Fixed Paraffin Embedded Tissues in the Cancer Research Setting. <i>Biopreservation and Biobanking</i> , 2019, 17, 452-457.	0.5	3
75	Stereotactic radiosurgery in the treatment of brain metastases from gynecologic primary cancer. <i>Journal of Radiosurgery and SBRT</i> , 2017, 5, 55-61.	0.2	2
76	Comments on "Search for tumor-specific frequencies of amplitude modulated 27%MHz electromagnetic fields in mice with hepatocarcinoma xenografted tumors". <i>International Journal of Radiation Biology</i> , 2020, 96, 845-846.	1.0	1
77	Discovery of a predictive protein biomarker for leptomeningeal disease after craniotomy and radiation.. <i>Journal of Clinical Oncology</i> , 2018, 36, 2068-2068.	0.8	1
78	BSCI-13. TUMOR-SPECIFIC tGLI1 TRANSCRIPTION FACTOR MEDIATES BREAST CANCER BRAIN METASTASIS VIA ACTIVATING METASTASIS-INITIATING CANCER STEM CELLS AND ASTROCYTES IN THE TUMOR MICROENVIRONMENT. <i>Neuro-Oncology Advances</i> , 2019, 1, i3-i3.	0.4	0
79	Abstract 2866: Truncated glioma-associated oncogene homolog 1 (tGLI1) is an actionable therapeutic target in breast cancer brain metastases. , 2021, , .		0
80	Impact of diabetes mellitus on outcomes in patients with brain metastasis treated with stereotactic radiosurgery. <i>Journal of Radiosurgery and SBRT</i> , 2018, 5, 285-291.	0.2	0