

Dong Jin Lee

List of Publications by Year in descending order

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Version: 2024-02-01

119
papers

8,317
citations

66343

42
h-index

49909

87
g-index

123
all docs

123
docs citations

123
times ranked

15602
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel prognostic subtype of human hepatocellular carcinoma derived from hepatic progenitor cells. <i>Nature Medicine</i> , 2006, 12, 410-416.	30.7	889
2	Classification and prediction of survival in hepatocellular carcinoma by gene expression profiling. <i>Hepatology</i> , 2004, 40, 667-676.	7.3	822
3	Application of comparative functional genomics to identify best-fit mouse models to study human cancer. <i>Nature Genetics</i> , 2004, 36, 1306-1311.	21.4	425
4	Tumour angiogenesis regulation by the miR-200 family. <i>Nature Communications</i> , 2013, 4, 2427.	12.8	363
5	Clinical Significance of Four Molecular Subtypes of Gastric Cancer Identified by The Cancer Genome Atlas Project. <i>Clinical Cancer Research</i> , 2017, 23, 4441-4449.	7.0	342
6	Large conserved domains of low DNA methylation maintained by Dnmt3a. <i>Nature Genetics</i> , 2014, 46, 17-23.	21.4	276
7	Hematogenous Metastasis of Ovarian Cancer: Rethinking Mode of Spread. <i>Cancer Cell</i> , 2014, 26, 77-91.	16.8	252
8	Clinical and genomic landscape of gastric cancer with a mesenchymal phenotype. <i>Nature Communications</i> , 2018, 9, 1777.	12.8	245
9	Pan-Cancer Immunogenomic Perspective on the Tumor Microenvironment Based on PD-L1 and CD8 T-Cell Infiltration. <i>Clinical Cancer Research</i> , 2016, 22, 2261-2270.	7.0	217
10	Signatures of tumour immunity distinguish Asian and non-Asian gastric adenocarcinomas. <i>Gut</i> , 2015, 64, 1721-1731.	12.1	197
11	Genome-wide transcriptome profiling of homologous recombination DNA repair. <i>Nature Communications</i> , 2014, 5, 3361.	12.8	182
12	Stearoyl-CoA Desaturase Promotes Liver Fibrosis and Tumor Development in Mice via a Wnt Positive-Signaling Loop by Stabilization of Low-Density Lipoprotein-Receptor-Related Proteins 5 and 6. <i>Gastroenterology</i> , 2017, 152, 1477-1491.	1.3	133
13	Significant Association of Oncogene YAP1 with Poor Prognosis and Cetuximab Resistance in Colorectal Cancer Patients. <i>Clinical Cancer Research</i> , 2015, 21, 357-364.	7.0	127
14	PD-L1 expression is associated with epithelial-mesenchymal transition in head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2016, 7, 15901-15914.	1.8	125
15	CD38-Expressing Myeloid-Derived Suppressor Cells Promote Tumor Growth in a Murine Model of Esophageal Cancer. <i>Cancer Research</i> , 2015, 75, 4074-4085.	0.9	122
16	Hepatic stellate cell and monocyte interaction contributes to poor prognosis in hepatocellular carcinoma. <i>Hepatology</i> , 2015, 62, 481-495.	7.3	121
17	Induction of Chromosome Instability by Activation of Yes-Associated Protein and Forkhead Box M1 in Liver Cancer. <i>Gastroenterology</i> , 2017, 152, 2037-2051.e22.	1.3	118
18	Genomic Predictors for Recurrence Patterns of Hepatocellular Carcinoma: Model Derivation and Validation. <i>PLoS Medicine</i> , 2014, 11, e1001770.	8.4	117

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19	Yesâ€associated protein 1 and transcriptional coactivator with PDZâ€binding motif activate the mammalian target of rapamycin complex 1 pathway by regulating amino acid transporters in hepatocellular carcinoma. <i>Hepatology</i> , 2016, 63, 159-172.	7.3	115
20	Genomic landscape associated with potential response to anti-CTLA-4 treatment in cancers. <i>Nature Communications</i> , 2017, 8, 1050.	12.8	115
21	The mutational landscape of hepatocellular carcinoma. <i>Clinical and Molecular Hepatology</i> , 2015, 21, 220.	8.9	108
22	DNMT3A Loss Drives Enhancer Hypomethylation in FLT3-ITD-Associated Leukemias. <i>Cancer Cell</i> , 2016, 29, 922-934.	16.8	107
23	2â€-OMe-phosphorodithioate-modified siRNAs show increased loading into the RISC complex and enhanced anti-tumour activity. <i>Nature Communications</i> , 2014, 5, 3459.	12.8	103
24	Activation of <i>EZH2</i> and <i>SUZ12</i> Regulated by E2F1 Predicts the Disease Progression and Aggressive Characteristics of Bladder Cancer. <i>Clinical Cancer Research</i> , 2015, 21, 5391-5403.	7.0	103
25	A miR-192-EGR1-HOXB9 regulatory network controls the angiogenic switch in cancer. <i>Nature Communications</i> , 2016, 7, 11169.	12.8	100
26	Inactivation of Hippo Pathway Is Significantly Associated with Poor Prognosis in Hepatocellular Carcinoma. <i>Clinical Cancer Research</i> , 2016, 22, 1256-1264.	7.0	94
27	The Orphan Nuclear Receptor NR4A1 (Nur77) Regulates Oxidative and Endoplasmic Reticulum Stress in Pancreatic Cancer Cells. <i>Molecular Cancer Research</i> , 2014, 12, 527-538.	3.4	87
28	Estrogen-related receptor gamma functions as a tumor suppressor in gastric cancer. <i>Nature Communications</i> , 2018, 9, 1920.	12.8	85
29	Activating CAR and β -catenin induces uncontrolled liver growth and tumorigenesis. <i>Nature Communications</i> , 2015, 6, 5944.	12.8	79
30	Large tumor suppressor homologs 1 and 2 regulate mouse liver progenitor cell proliferation and maturation through antagonism of the coactivators YAP and TAZ. <i>Hepatology</i> , 2016, 64, 1757-1772.	7.3	79
31	Prognostic gene expression signature associated with two molecularly distinct subtypes of colorectal cancer. <i>Gut</i> , 2012, 61, 1291-1298.	12.1	74
32	Exploring cancer genomic data from the cancer genome atlas project. <i>BMB Reports</i> , 2016, 49, 607-611.	2.4	64
33	Anti-inflammatory Roles of Glucocorticoids Are Mediated by Foxp3+ Regulatory T Cells via a miR-342-Dependent Mechanism. <i>Immunity</i> , 2020, 53, 581-596.e5.	14.3	64
34	Epigenetic silencing of the non-coding RNA nc886 provokes oncogenes during human esophageal tumorigenesis. <i>Oncotarget</i> , 2014, 5, 3472-3481.	1.8	61
35	WNT10A promotes an invasive and self-renewing phenotype in esophageal squamous cell carcinoma. <i>Carcinogenesis</i> , 2015, 36, 598-606.	2.8	59
36	The HGF/c-MET Pathway Is a Driver and Biomarker of VEGFR-inhibitor Resistance and Vascular Remodeling in Nonâ€Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 5489-5501.	7.0	55

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37	YAP1 mediates gastric adenocarcinoma peritoneal metastases that are attenuated by YAP1 inhibition. <i>Gut</i> , 2021, 70, 55-66.	12.1	53
38	Expression Signature Defined by <i>FOXM1</i> Activation Predicts Disease Recurrence in Non-Muscle-Invasive Bladder Cancer. <i>Clinical Cancer Research</i> , 2014, 20, 3233-3243.	7.0	50
39	Transcriptional Induction of Periostin by a Sulfatase 2-TGF β 1-SMAD Signaling Axis Mediates Tumor Angiogenesis in Hepatocellular Carcinoma. <i>Cancer Research</i> , 2017, 77, 632-645.	0.9	50
40	nc886 is induced by TGF- β 2 and suppresses the microRNA pathway in ovarian cancer. <i>Nature Communications</i> , 2018, 9, 1166.	12.8	50
41	SOX2 activation predicts prognosis in patients with head and neck squamous cell carcinoma. <i>Scientific Reports</i> , 2018, 8, 1677.	3.3	47
42	Comparative transcriptomes of adenocarcinomas and squamous cell carcinomas reveal molecular similarities that span classical anatomic boundaries. <i>PLoS Genetics</i> , 2017, 13, e1006938.	3.5	46
43	Activation of YAP1 is associated with poor prognosis and response to taxanes in ovarian cancer. <i>Anticancer Research</i> , 2014, 34, 811-817.	1.1	46
44	Vitamin D Deficiency Promotes Liver Tumor Growth in Transforming Growth Factor- β 2/Smad3-Deficient Mice Through Wnt and Toll-like Receptor 7 Pathway Modulation. <i>Scientific Reports</i> , 2016, 6, 30217.	3.3	43
45	Sulfiredoxin inhibitor induces preferential death of cancer cells through reactive oxygen species-mediated mitochondrial damage. <i>Free Radical Biology and Medicine</i> , 2016, 91, 264-274.	2.9	42
46	Development and Validation of a Six-Gene Recurrence Risk Score Assay for Gastric Cancer. <i>Clinical Cancer Research</i> , 2016, 22, 6228-6235.	7.0	40
47	Comprehensive immunoproteogenomic analyses of malignant pleural mesothelioma. <i>JCI Insight</i> , 2018, 3, .	5.0	40
48	Genomic Analysis of Thymic Epithelial Tumors Identifies Novel Subtypes Associated with Distinct Clinical Features. <i>Clinical Cancer Research</i> , 2017, 23, 4855-4864.	7.0	39
49	Recurrent Glioblastomas Reveal Molecular Subtypes Associated with Mechanistic Implications of Drug-Resistance. <i>PLoS ONE</i> , 2015, 10, e0140528.	2.5	38
50	Interaction of tankyrase and peroxiredoxin II is indispensable for the survival of colorectal cancer cells. <i>Nature Communications</i> , 2017, 8, 40.	12.8	37
51	Clinical significance of APOB inactivation in hepatocellular carcinoma. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-12.	7.7	37
52	p63-Mediated activation of the β -catenin/c-Myc signaling pathway stimulates esophageal squamous carcinoma cell invasion and metastasis. <i>Cancer Letters</i> , 2014, 353, 124-132.	7.2	34
53	Integrated genomic analysis of recurrence-associated small non-coding RNAs in oesophageal cancer. <i>Gut</i> , 2017, 66, 215-225.	12.1	34
54	Notch activity characterizes a common hepatocellular carcinoma subtype with unique molecular and clinicopathologic features. <i>Journal of Hepatology</i> , 2021, 74, 613-626.	3.7	34

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55	Clinical significance of YAP1 activation in head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2017, 8, 111130-111143.	1.8	34
56	P2X3 purinergic receptor overexpression is associated with poor recurrence-free survival in hepatocellular carcinoma patients. <i>Oncotarget</i> , 2015, 6, 41162-41179.	1.8	34
57	An 8-gene signature for prediction of prognosis and chemoresponse in non-small cell lung cancer. <i>Oncotarget</i> , 2016, 7, 86561-86572.	1.8	32
58	The Updated AJCC/TNM Staging System for Papillary Thyroid Cancer (8th Edition): From the Perspective of Genomic Analysis. <i>World Journal of Surgery</i> , 2018, 42, 3624-3631.	1.6	31
59	Comprehensive Molecular Characterization of Adenocarcinoma of the Gastroesophageal Junction Between Esophageal and Gastric Adenocarcinomas. <i>Annals of Surgery</i> , 2022, 275, 706-717.	4.2	30
60	nc886, a non-coding RNA and suppressor of PKR, exerts an oncogenic function in thyroid cancer. <i>Oncotarget</i> , 2016, 7, 75000-75012.	1.8	30
61	CRC-113 gene expression signature for predicting prognosis in patients with colorectal cancer. <i>Oncotarget</i> , 2015, 6, 31674-31692.	1.8	30
62	Optical Imaging of Periostin Enables Early Endoscopic Detection and Characterization of Esophageal Cancer in Mice. <i>Gastroenterology</i> , 2013, 144, 294-297.	1.3	28
63	Development and Validation of Insulin-like Growth Factor-1 Score to Assess Hepatic Reserve in Hepatocellular Carcinoma. <i>Journal of the National Cancer Institute</i> , 2014, 106, .	6.3	28
64	MERIT: Systematic Analysis and Characterization of Mutational Effect on RNA Interactome Topology. <i>Hepatology</i> , 2019, 70, 532-546.	7.3	28
65	Neoadjuvant chemoradiation alters biomarkers of anticancer immunotherapy responses in locally advanced rectal cancer. , 2021, 9, e001610.		27
66	The Prognostic 97 Chemoresponse Gene Signature in Ovarian Cancer. <i>Scientific Reports</i> , 2017, 7, 9689.	3.3	26
67	p63 regulates growth of esophageal squamous carcinoma cells via the Akt signaling pathway. <i>International Journal of Oncology</i> , 2014, 44, 2153-2159.	3.3	23
68	<i>PRKRA</i>/PACT Expression Promotes Chemoresistance of Mucinous Ovarian Cancer. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 162-172.	4.1	23
69	Heat Stress-Induced PI3K/mTORC2-Dependent AKT Signaling Is a Central Mediator of Hepatocellular Carcinoma Survival to Thermal Ablation Induced Heat Stress. <i>PLoS ONE</i> , 2016, 11, e0162634.	2.5	22
70	Growth-stimulatory activity of TIMP-2 is mediated through c-Src activation followed by activation of FAK, PI3-kinase/AKT, and ERK1/2 independent of MMP inhibition in lung adenocarcinoma cells. <i>Oncotarget</i> , 2015, 6, 42905-42922.	1.8	22
71	Role of CTGF in Sensitivity to Hyperthermia in Ovarian and Uterine Cancers. <i>Cell Reports</i> , 2016, 17, 1621-1631.	6.4	21
72	Glutamine synthetase mediates sorafenib sensitivity in β -catenin-active hepatocellular carcinoma cells. <i>Experimental and Molecular Medicine</i> , 2018, 50, e421-e421.	7.7	21

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73	A prognostic index based on an eleven gene signature to predict systemic recurrences in colorectal cancer. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-12.	7.7	21
74	Clinical and biological significance of EZH2 expression in endometrial cancer. <i>Cancer Biology and Therapy</i> , 2020, 21, 147-156.	3.4	21
75	Identification of a subnuclear body involved in sequence-specific cytokine RNA processing. <i>Nature Communications</i> , 2015, 6, 5791.	12.8	20
76	Type I insulin-like growth factor as a liver reserve assessment tool in hepatocellular carcinoma. <i>Journal of Hepatocellular Carcinoma</i> , 2015, 2, 131.	3.7	18
77	Profiling of Exome Mutations Associated with Progression of HBV-Related Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2014, 9, e115152.	2.5	16
78	Effective killing of cancer cells and regression of tumor growth by K27 targeting sulfiredoxin. <i>Free Radical Biology and Medicine</i> , 2016, 101, 384-392.	2.9	15
79	Mechanism mediated by a noncoding RNA, nc886, in the cytotoxicity of a DNA-reactive compound. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8289-8294.	7.1	15
80	Biologic Effects of Platelet-Derived Growth Factor Receptor $\hat{\pm}$ Blockade in Uterine Cancer. <i>Clinical Cancer Research</i> , 2014, 20, 2740-2750.	7.0	14
81	Integrated Genomic Comparison of Mouse Models Reveals Their Clinical Resemblance to Human Liver Cancer. <i>Molecular Cancer Research</i> , 2018, 16, 1713-1723.	3.4	14
82	Prognostic significance of high metabolic activity in breast cancer: PET signature in breast cancer. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 185-191.	2.1	14
83	A Regulatory Noncoding RNA, nc886, Suppresses Esophageal Cancer by Inhibiting the AKT Pathway and Cell Cycle Progression. <i>Cells</i> , 2020, 9, 801.	4.1	14
84	Inhibition of Cyclin Dependent Kinase 4/6 Overcomes Primary Resistance to Programmed Cell Death 1 Blockade in Malignant Mesothelioma. <i>Annals of Thoracic Surgery</i> , 2022, 114, 1842-1852.	1.3	14
85	Prognostic value of a 92-probe signature in breast cancer. <i>Oncotarget</i> , 2015, 6, 15662-15680.	1.8	14
86	PAC-5 Gene Expression Signature for Predicting Prognosis of Patients with Pancreatic Adenocarcinoma. <i>Cancers</i> , 2019, 11, 1749.	3.7	13
87	The role of elective neck dissection during salvage surgery in head and neck squamous cell carcinoma. <i>Acta Oto-Laryngologica</i> , 2013, 133, 886-892.	0.9	12
88	The homeobox gene <i>DLX4</i> regulates erythro-megakaryocytic differentiation by stimulating IL-1/NF- $\hat{\kappa}$ B signaling. <i>Journal of Cell Science</i> , 2015, 128, 3055-67.	2.0	12
89	Apical complex protein Pals1 is required to maintain cerebellar progenitor cells in a proliferative state. <i>Development (Cambridge)</i> , 2015, 143, 133-46.	2.5	11
90	Three distinct genomic subtypes of head and neck squamous cell carcinoma associated with clinical outcomes. <i>Oral Oncology</i> , 2018, 85, 44-51.	1.5	11

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91	Prognostic value and their clinical implication of 89-gene signature in glioma. <i>Oncotarget</i> , 2016, 7, 51237-51250.	1.8	11
92	Nc886, a Novel Suppressor of the Type I Interferon Response Upon Pathogen Intrusion. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2003.	4.1	10
93	Sex hormone pathway gene polymorphisms are associated with risk of advanced hepatitis C-related liver disease in males. <i>International Journal of Molecular Epidemiology and Genetics</i> , 2014, 5, 164-76.	0.4	10
94	Consensus subtypes of hepatocellular carcinoma associated with clinical outcomes and genomic phenotypes. <i>Hepatology</i> , 2022, 76, 1634-1648.	7.3	10
95	NELFE-Dependent MYC Signature Identifies a Unique Cancer Subtype in Hepatocellular Carcinoma. <i>Scientific Reports</i> , 2019, 9, 3369.	3.3	9
96	Validation of an IGF-CTP scoring system for assessing hepatic reserve in egyptian patients with hepatocellular carcinoma. <i>Oncotarget</i> , 2015, 6, 21193-21207.	1.8	9
97	Posterosuperior Lesion has a High Risk of Lateral and Central Nodal Metastasis in Solitary Papillary Thyroid Cancer. <i>World Journal of Surgery</i> , 2015, 39, 387-392.	1.6	8
98	Heavy alcohol drinking downregulates ALDH2 gene expression but heavy smoking up-regulates SOD2 gene expression in head and neck squamous cell carcinoma. <i>World Journal of Surgical Oncology</i> , 2017, 15, 163.	1.9	8
99	Genomic Perspective on Mouse Liver Cancer Models. <i>Cancers</i> , 2019, 11, 1648.	3.7	8
100	Pan-cancer methylation analysis reveals an inverse correlation of tumor immunogenicity with methylation aberrancy. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 1605-1617.	4.2	8
101	An Overview of the Genomic Characterization of Hepatocellular Carcinoma. <i>Journal of Hepatocellular Carcinoma</i> , 2021, Volume 8, 1077-1088.	3.7	8
102	Predictive Value of Antiviral Effects in the Development of Hepatocellular Carcinoma in the General Korean Population with Chronic Hepatitis B. <i>Gut and Liver</i> , 2016, 10, 962-968.	2.9	8
103	Genomic profiling of multifocal intrahepatic cholangiocarcinoma reveals intraindividual concordance of genetic alterations. <i>Carcinogenesis</i> , 2021, 42, 436-441.	2.8	8
104	Impact of Intratumoral Expression Levels of Fluoropyrimidine-Metabolizing Enzymes on Treatment Outcomes of Adjuvant S-1 Therapy in Gastric Cancer. <i>PLoS ONE</i> , 2015, 10, e0120324.	2.5	7
105	Silence of Hippo Pathway Associates with Pro-Tumoral Immunosuppression: Potential Therapeutic Target of Glioblastomas. <i>Cells</i> , 2020, 9, 1761.	4.1	7
106	NRG1/ERBB3 Pathway Activation Induces Acquired Resistance to XPO1 Inhibitors. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 1727-1735.	4.1	5
107	Systems Biology Approaches to Decoding the Genome of Liver Cancer. <i>Cancer Research and Treatment</i> , 2011, 43, 205-211.	3.0	4
108	Genome-wide perturbations by miRNAs map onto functional cellular pathways, identifying regulators of chromatin modifiers. <i>Npj Systems Biology and Applications</i> , 2015, 1, 15001.	3.0	3

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109	BRAF ^{wild} papillary thyroid carcinoma has two distinct mRNA expression patterns with different clinical behaviors. <i>Head and Neck</i> , 2018, 40, 1707-1718.	2.0	3
110	Identification of prognostic biomarker in predicting hepatocarcinogenesis from cirrhotic liver using protein and gene signatures. <i>Experimental and Molecular Pathology</i> , 2019, 111, 104319.	2.1	3
111	Transcriptome Analysis Reveals Significant Differences in Gene Expression of Malignant Pheochromocytoma or Paraganglioma. <i>International Journal of Endocrinology</i> , 2019, 2019, 1-11.	1.5	3
112	Pathological predictive factors for late recurrence of hepatocellular carcinoma in chronic liver disease. <i>Liver International</i> , 2021, 41, 1662-1674.	3.9	3
113	The optimal chemotherapeutic regimen in D2-resected locally advanced gastric cancer: a propensity score-matched analysis. <i>Oncotarget</i> , 2017, 8, 66559-66568.	1.8	3
114	Two distinct stem cell-like subtypes of hepatocellular carcinoma with clinical significance and their therapeutic potentials. <i>Cancer Communications</i> , 2022, 42, 179-183.	9.2	3
115	Long non-coding RNAs are significantly associated with prognosis and response to therapies in gastric cancer. <i>Clinical and Translational Medicine</i> , 2021, 11, e421.	4.0	2
116	The Significance of Transcriptomic Signatures in the Multifocal Papillary Thyroid Carcinoma: Two mRNA Expression Patterns with Distinctive Clinical Behavior from The Cancer Genome Atlas (TCGA) Database. <i>International Journal of Thyroidology</i> , 2020, 13, 1-12.	0.1	1
117	Decoding human liver cancer signatures. <i>Gastrointestinal Cancer Research: GCR</i> , 2008, 2, S31-4.	0.7	0
118	Decoding the Liver Cancer Genome. , 0, , 991-997.		0
119	Two distinct stem cell-like subtypes of resectable hepatocellular carcinoma with clinical significance and their therapeutic potentials. <i>Annals of Hepato-biliary-pancreatic Surgery</i> , 2022, 26, S69-S69.	0.1	0