Somchai Pinlaor

List of Publications by Year in descending order

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116 4,239 34 60 papers citations h-index g-index

120 120 120 4673
all docs docs citations times ranked citing authors

#	Article	IF	CITATIONS
1	Oxidative and nitrative DNA damage in animals and patients with inflammatory diseases in relation to inflammation-related carcinogenesis. Biological Chemistry, 2006, 387, 365-372.	1.2	386
2	Oxidative Stress and Its Significant Roles in Neurodegenerative Diseases and Cancer. International Journal of Molecular Sciences, 2015, 16, 193-217.	1.8	323
3	Mechanism of NO-mediated oxidative and nitrative DNA damage in hamsters infected with Opisthorchis viverrini: a model of inflammation-mediated carcinogenesis. Nitric Oxide - Biology and Chemistry, 2004, 11, 175-183.	1.2	164
4	DNA Damage in Inflammation-Related Carcinogenesis and Cancer Stem Cells. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-9.	1.9	163
5	Repeated infection with Opisthorchis viverrini induces accumulation of 8-nitroguanine and 8-oxo-7,8-dihydro-2'-deoxyguanine in the bile duct of hamsters via inducible nitric oxide synthase. Carcinogenesis, 2004, 25, 1535-1542.	1.3	157
6	Oxidative and nitrative DNA damage: Key events in opisthorchiasis-induced carcinogenesis. Parasitology International, 2012, 61, 130-135.	0.6	139
7	Curcumin suppresses proliferation and induces apoptosis in human biliary cancer cells through modulation of multiple cell signaling pathways. Carcinogenesis, 2011, 32, 1372-1380.	1.3	117
8	8-Nitroguanine formation in the liver of hamsters infected with Opisthorchis viverrini. Biochemical and Biophysical Research Communications, 2003, 309, 567-571.	1.0	108
9	Accumulation of 8-nitroguanine in human gastric epithelium induced by Helicobacter pylori infection. Biochemical and Biophysical Research Communications, 2004, 319, 506-510.	1.0	95
10	Nitrative and oxidative DNA damage in oral lichen planus in relation to human oral carcinogenesis. Cancer Science, 2005, 96, 553-559.	1.7	95
11	Curcumin decreases cholangiocarcinogenesis in hamsters by suppressing inflammationâ€mediated molecular events related to multistep carcinogenesis. International Journal of Cancer, 2011, 129, 88-100.	2.3	93
12	iNOS-dependent DNA damagevia NF- $\hat{\mathbb{P}}$ B expression in hamsters infected withOpisthorchis viverrini and its suppression by the antihelminthic drug praziquantel. International Journal of Cancer, 2006, 119, 1067-1072.	2.3	88
13	Involvement of MMPâ€9 in peribiliary fibrosis and cholangiocarcinogenesis <i>via</i> Rac1â€dependent DNA damage in a hamster model. International Journal of Cancer, 2010, 127, 2576-2587.	2.3	86
14	Nitrative and oxidative DNA damage in intrahepatic cholangiocarcinoma patients in relation to tumor invasion. World Journal of Gastroenterology, 2005, 11 , 4644.	1.4	79
15	Time profiles of the expression of metalloproteinases, tissue inhibitors of metalloproteases, cytokines and collagens in hamsters infected with Opisthorchis viverrini with special reference to peribiliary fibrosis and liver injury. International Journal for Parasitology, 2009, 39, 825-835.	1.3	73
16	Urinary 8-Oxo-7,8-Dihydro-2′-Deoxyguanosine in Patients with Parasite Infection and Effect of Antiparasitic Drug in Relation to Cholangiocarcinogenesis. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 518-524.	1.1	67
17	Curcumin reduces oxidative and nitrative DNA damage through balancing of oxidant–antioxidant status in hamsters infected with <i>Opisthorchis viverrini</i> . Molecular Nutrition and Food Research, 2009, 53, 1316-1328.	1.5	62
18	Prolonged oxidative stress down-regulates Early B cell factor 1 with inhibition of its tumor suppressive function against cholangiocarcinoma genesis. Redox Biology, 2018, 14, 637-644.	3.9	62

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19	Inflammation-related DNA damage and expression of CD133 and Oct3/4 in cholangiocarcinoma patients with poor prognosis. Free Radical Biology and Medicine, 2013, 65, 1464-1472.	1.3	53
20	Inflammation-induced protein carbonylation contributes to poor prognosis for cholangiocarcinoma. Free Radical Biology and Medicine, 2012, 52, 1465-1472.	1.3	52
21	PCR diagnosis of Pneumocystis carinii on sputum and bronchoalveolar lavage samples in immuno-compromised patients. Parasitology Research, 2004, 94, 213-218.	0.6	51
22	Oxidative and Nitrative Stress in Opisthorchis viverrini–Infected Hamsters: An Indirect Effect after Praziquantel Treatment. American Journal of Tropical Medicine and Hygiene, 2008, 78, 564-573.	0.6	50
23	Protective effect of melatonin against Opisthorchis viverrini-induced oxidative and nitrosative DNA damage and liver injury in hamsters. Journal of Pineal Research, 2010, 49, 271-282.	3.4	49
24	Reduction of periductal fibrosis in liver fluke-infected hamsters after long-term curcumin treatment. European Journal of Pharmacology, 2010, 638, 134-141.	1.7	46
25	Curcumin induces a nuclear factor-erythroid 2-related factor 2-driven response against oxidative and nitrative stress after praziquantel treatment in liver fluke-infected hamsters. International Journal for Parasitology, 2011, 41, 615-626.	1.3	45
26	Distribution and Abundance of Opisthorchis viverrini Metacercariae in Cyprinid Fish in Northeastern Thailand. Korean Journal of Parasitology, 2013, 51, 703-710.	0.5	44
27	Subtype identification of Blastocystis spp. isolated from patients in a major hospital in northeastern Thailand. Parasitology Research, 2013, 112, 1781-1786.	0.6	42
28	Opisthorchis viverrini antigen induces the expression of Toll-like receptor 2 in macrophage RAW cell line. International Journal for Parasitology, 2005, 35, 591-596.	1,3	40
29	Chronic Opisthorchis viverrini Infection Changes the Liver Microbiome and Promotes Helicobacter Growth. PLoS ONE, 2016, 11, e0165798.	1.1	40
30	Hepatobiliary changes, antibody response, and alteration of liver enzymes in hamsters re-infected with Opisthorchis viverrini. Experimental Parasitology, 2004, 108, 32-39.	0.5	38
31	Platelet-derived growth factor may be a potential diagnostic and prognostic marker for cholangiocarcinoma. Tumor Biology, 2012, 33, 1785-1802.	0.8	38
32	Viable metacercariae of Opisthorchis viverrini in northeastern Thai cyprinid fish dishesâ€"as part of a rational program for control of O. viverrini-associated cholangiocarcinoma. Parasitology Research, 2013, 112, 1323-1327.	0.6	38
33	Annexin A1: A new immunohistological marker of cholangiocarcinoma. World Journal of Gastroenterology, 2013, 19, 2456.	1.4	37
34	Proteomics detection of S100A6 in tumor tissue interstitial fluid and evaluation of its potential as a biomarker of cholangiocarcinoma. Tumor Biology, 2018, 40, 101042831876719.	0.8	37
35	Liver fluke-induced hepatic oxysterols stimulate DNA damage and apoptosis in cultured human cholangiocytes. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 731, 48-57.	0.4	36
36	Melatonin induces apoptosis in cholangiocarcinoma cell lines by activating the reactive oxygen species-mediated mitochondrial pathway. Oncology Reports, 2015, 33, 1443-1449.	1,2	36

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37	Lipid Peroxidation and Etheno DNA Adducts in White Blood Cells of Liver Fluke-Infected Patients: Protection by Plasma α-Tocopherol and Praziquantel. Cancer Epidemiology Biomarkers and Prevention, 2010, 19, 310-318.	1.1	34
38	Risk biomarkers for assessment and chemoprevention of liver fluke-associated cholangiocarcinoma. Journal of Hepato-Biliary-Pancreatic Sciences, 2014, 21, 309-315.	1.4	31
39	Diagnostic values of parasite-specific antibody detections in saliva and urine in comparison with serum in opisthorchiasis. Parasitology International, 2012, 61, 196-202.	0.6	29
40	Coinfection with Helicobacter pylori and Opisthorchis viverrini Enhances the Severity of Hepatobiliary Abnormalities in Hamsters. Infection and Immunity, 2017, 85, .	1.0	29
41	High Excretion of Etheno Adducts in Liver Fluke–Infected Patients: Protection by Praziquantel against DNA Damage. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 1658-1664.	1.1	28
42	Proteomic analysis to identify plasma orosomucoid 2 and kinesin 18A as potential biomarkers of cholangiocarcinoma. Cancer Biomarkers, 2013, 12, 81-95.	0.8	27
43	Melatonin suppresses eosinophils and Th17 cells in hamsters treated with a combination of human liver fluke infection and a chemical carcinogen. Pharmacological Reports, 2018, 70, 98-105.	1.5	27
44	Effect of praziquantel treatment on the expression of matrix metalloproteinases in relation to tissue resorption during fibrosis in hamsters with acute and chronic Opisthorchis viverrini infection. Acta Tropica, 2009, 111, 181-191.	0.9	26
45	Melatonin inhibits cholangiocarcinoma and reduces liver injury in <i>Opisthorchis viverrini</i> à€infected and <i>N</i> àênitrosodimethylamineâ€treated hamsters. Journal of Pineal Research, 2013, 55, 257-266.	3.4	26
46	Increase of exostosin 1 in plasma as a potential biomarker for opisthorchiasis-associated cholangiocarcinoma. Tumor Biology, 2014, 35, 1029-1039.	0.8	25
47	Upregulation of 14â€3â€3 eta in chronic liver fluke infection is a potential diagnostic marker of cholangiocarcinoma. Proteomics - Clinical Applications, 2016, 10, 248-256.	0.8	25
48	Nanoencapsulated curcumin and praziquantel treatment reduces periductal fibrosis and attenuates bile canalicular abnormalities in Opisthorchis viverrini-infected hamsters. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 21-32.	1.7	25
49	Anti-parasitic Drug Ivermectin Exhibits Potent Anticancer Activity Against Gemcitabine-resistant Cholangiocarcinoma <i>In Vitro</i> Anticancer Research, 2019, 39, 4837-4843.	0.5	24
50	Effects of fermentation time and low temperature during the production process of Thai pickled fish (pla-som) on the viability and infectivity of Opisthorchis viverrini metacercariae. International Journal of Food Microbiology, 2016, 218, 1-5.	2.1	23
51	Detection of opportunistic and non-opportunistic intestinal parasites and liver flukes in HIV-positive and HIV-negative subjects. Southeast Asian Journal of Tropical Medicine and Public Health, 2005, 36, 841-5.	1.0	23
52	Alterations of gene expression of RB pathway in Opisthorchis viverrini infection-induced cholangiocarcinoma. Parasitology Research, 2009, 105, 1273-1281.	0.6	22
53	Accumulation of miscoding etheno-DNA adducts and highly expressed DNA repair during liver fluke-induced cholangiocarcinogenesis in hamsters. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 691, 9-16.	0.4	22
54	Candidate genes involving in tumorigenesis of cholangiocarcinoma induced by Opisthorchis viverrini infection. Parasitology Research, 2011, 109, 657-673.	0.6	22

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55	Involvement of c-Ski Oncoprotein in Carcinogenesis of Cholangiocacinoma Induced by Opisthorchis viverrini and N-nitrosodimethylamine. Pathology and Oncology Research, 2011, 17, 219-227.	0.9	22
56	Turmeric reduces inflammatory cells in hamster opisthorchiasis. Parasitology Research, 2009, 105, 1459-1463.	0.6	21
57	Plasma hydroxyproline, MMPâ€₹ and collagen I as novel predictive risk markers of hepatobiliary diseaseâ€associated cholangiocarcinoma. International Journal of Cancer, 2012, 131, E416-24.	2.3	21
58	Anti-inflammatory and anti-periductal fibrosis effects of an anthocyanin complex in Opisthorchis viverrini-infected hamsters. Food and Chemical Toxicology, 2014, 74, 206-215.	1.8	21
59	Proton pump inhibitors suppress iNOS-dependent DNA damage in Barrett's esophagus by increasing Mn-SOD expression. Biochemical and Biophysical Research Communications, 2012, 421, 280-285.	1.0	20
60	Comparison of stool examination techniques to detect Opisthorchis viverrini in low intensity infection. Acta Tropica, 2019, 191, 13-16.	0.9	20
61	Plasma Autoantibodies against Heat Shock Protein 70, Enolase 1 and Ribonuclease/Angiogenin Inhibitor 1 as Potential Biomarkers for Cholangiocarcinoma. PLoS ONE, 2014, 9, e103259.	1.1	19
62	Overexpression of CD44 Variant 9: A Novel Cancer Stem Cell Marker in Human Cholangiocarcinoma in Relation to Inflammation. Mediators of Inflammation, 2018, 2018, 1-8.	1.4	19
63	Oxidative and nitrative stress in Opisthorchis viverrini-infected hamsters: an indirect effect after praziquantel treatment. American Journal of Tropical Medicine and Hygiene, 2008, 78, 564-73.	0.6	19
64	Effect of a health education program on reduction of pediculosis in school girls at Amphoe Muang, Khon Kaen Province, Thailand. PLoS ONE, 2018, 13, e0198599.	1.1	18
65	A combination of monosodium glutamate and high-fat and high-fructose diets increases the risk of kidney injury, gut dysbiosis and host-microbial co-metabolism. PLoS ONE, 2020, 15, e0231237.	1.1	18
66	Contamination of Opisthorchis viverrini and Haplorchis taichui metacercariae in fermented fish products in northeastern Thailand markets. Food Control, 2016, 59, 493-498.	2.8	17
67	Specific serum IgG, but not IgA, antibody against purified Opisthorchis viverrini antigen associated with hepatobiliary disease and cholangiocarcinoma. Parasitology International, 2012, 61, 212-216.	0.6	16
68	Down-Regulated Expression of HSP70 in Correlation with Clinicopathology of Cholangiocarcinoma. Pathology and Oncology Research, 2012, 18, 227-237.	0.9	15
69	Alcohol and alkalosis enhance excystation of Opisthorchis viverrini metacercariae. Parasitology Research, 2013, 112, 2397-2402.	0.6	15
70	Proteomic Identification of Plasma Protein Tyrosine Phosphatase Alpha and Fibronectin Associated with Liver Fluke, Opisthorchis viverrini, Infection. PLoS ONE, 2012, 7, e45460.	1.1	15
71	Improved agar plate culture conditions for diagnosis of Strongyloides stercoralis. Acta Tropica, 2020, 203, 105291.	0.9	14
72	Curcumin-loaded nanocomplexes: Acute and chronic toxicity studies in mice and hamsters. Toxicology Reports, 2021, 8, 1346-1357.	1.6	14

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73	Increased expression of TLR-2, COX-2, and SOD-2 genes in the peripheral blood leukocytes of opisthorchiasis patients induced by Opisthorchis viverrini antigen. Parasitology Research, 2012, 110, 1969-1977.	0.6	13
74	Plasma orosomucoid 2 as a potential risk marker of cholangiocarcinoma. Cancer Biomarkers, 2017, 18, 27-34.	0.8	13
75	Cytokine/Chemokine Secretion and Proteomic Identification of Upregulated Annexin A1 from Peripheral Blood Mononuclear Cells Cocultured with the Liver Fluke Opisthorchis viverrini. Infection and Immunity, 2014, 82, 2135-2147.	1.0	12
76	Co-occurrence of opisthorchiasis and diabetes exacerbates morbidity of the hepatobiliary tract disease. PLoS Neglected Tropical Diseases, 2018, 12, e0006611.	1.3	12
77	<i>Opisthorchis viverrini</i> Infection Induces Metabolic and Fecal Microbial Disturbances in Association with Liver and Kidney Pathologies in Hamsters. Journal of Proteome Research, 2021, 20, 3940-3951.	1.8	12
78	Development and Efficacy of Droplet Digital PCR for Detection of Strongyloides stercoralis in Stool. American Journal of Tropical Medicine and Hygiene, 2022, 106, 312-319.	0.6	12
79	MRI and 1H MRS evaluation for the serial bile duct changes in hamsters after infection with Opisthorchis viverrini. Magnetic Resonance Imaging, 2013, 31, 1418-1425.	1.0	11
80	Profiling of Bile Microbiome Identifies District Microbial Population between Choledocholithiasis and Cholangiocarcinoma Patients. Asian Pacific Journal of Cancer Prevention, 2021, 22, 233-240.	0.5	11
81	Establishment of an Allo-Transplantable Hamster Cholangiocarcinoma Cell Line and Its Application for In Vivo Screening of Anti-Cancer Drugs. Korean Journal of Parasitology, 2013, 51, 711-717.	0.5	11
82	Roles of Zinc Finger Protein 423 in Proliferation and Invasion of Cholangiocarcinoma through Oxidative Stress. Biomolecules, 2019, 9, 263.	1.8	10
83	High level of interleukin-33 in cancer cells and cancer-associated fibroblasts correlates with good prognosis and suppressed migration in cholangiocarcinoma. Journal of Cancer, 2020, 11, 6571-6581.	1.2	10
84	Opposing Roles of FoxA1 and FoxA3 in Intrahepatic Cholangiocarcinoma Progression. International Journal of Molecular Sciences, 2020, 21, 1796.	1.8	10
85	Plasma <scp>I</scp> g <scp>G</scp> autoantibody against actinâ€related protein 3 in liver fluke <i><scp>O</scp>pisthorchis viverrini</i> infection. Parasite Immunology, 2015, 37, 340-348.	0.7	9
86	Differential Protein Expression Marks the Transition From Infection With Opisthorchis viverrini to Cholangiocarcinoma. Molecular and Cellular Proteomics, 2017, 16, 911-923.	2.5	9
87	Discovering proteins for chemoprevention and chemotherapy by curcumin in liver fluke infection-induced bile duct cancer. PLoS ONE, 2018, 13, e0207405.	1.1	9
88	Clinical significance of GalNAcylated glycans in cholangiocarcinoma: Values for diagnosis and prognosis. Clinica Chimica Acta, 2018, 477, 66-71.	0.5	8
89	Association of Strongyloides stercoralis infection and type 2 diabetes mellitus in northeastern Thailand: Impact on diabetic complication-related renal biochemical parameters. PLoS ONE, 2022, 17, e0269080.	1.1	8
90	Alteration of galectin-1 during tumorigenesis of Opisthorchis viverrini infection-induced cholangiocarcinoma and its correlation with clinicopathology. Tumor Biology, 2012, 33, 1169-1178.	0.8	7

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91	Curcumin Prevents Bile Canalicular Alterations in the Liver of Hamsters Infected with Opisthorchis viverrini. Korean Journal of Parasitology, 2013, 51, 695-701.	0.5	7
92	Current omics-based biomarkers for cholangiocarcinoma. Expert Review of Molecular Diagnostics, 2019, 19, 997-1005.	1.5	7
93	CagA ⁺ <i>Helicobacter pylori</i> infection and <i>N</i> â€nitrosodimethylamine administration induce cholangiocarcinoma development in hamsters. Helicobacter, 2021, 26, e12817.	1.6	7
94	Bile canalicular changes and defective bile secretion in Opisthorchis viverrini-infected hamsters. Folia Parasitologica, 2014, 61, 512-522.	0.7	7
95	Opisthorchis viverrini Infection Augments the Severity of Nonalcoholic Fatty Liver Disease in High-Fat/High-Fructose Diet–Fed Hamsters. American Journal of Tropical Medicine and Hygiene, 2019, 101, 1161-1169.	0.6	7
96	The liver fluke Opisthorchis viverrini expresses nitric oxide synthase but not gelatinases. Parasitology International, 2012, 61, 112-117.	0.6	6
97	α-Tocopherol and lipid profiles in plasma and the expression of α-tocopherol-related molecules in the liver of Opisthorchis viverrini-infected hamsters. Parasitology International, 2013, 62, 127-133.	0.6	6
98	Histopathological Changes in Tissues of Bithynia siamensis goniomphalos Incubated in Crude Extracts of Camellia Seed and Mangosteen Pericarp. Korean Journal of Parasitology, 2013, 51, 537-544.	0.5	6
99	Expression of FOXO4 Inhibits Cholangiocarcinoma Cell Proliferation In Vitro via Induction of GO/G1 Arrest. Anticancer Research, 2020, 40, 6899-6905.	0.5	5
100	Solid dispersion improves release of curcumin from nanoparticles: Potential benefit for intestinal absorption. Materials Today Communications, 2021, 26, 101999.	0.9	4
101	Phylogeography and demographic history of Thai Pediculus humanus capitis (Phthiraptera:) Tj ETQq1 1 0.784314 104825.	rgBT /Ove 1.0	rlock 10 Tf 4
102	Evaluation of a Commercial Enzyme-Linked Immunosorbent Assay Kit and In-House Fasciola gigantica Cysteine Proteinases-Based Enzyme-Linked Immunosorbent Assays for Diagnosis of Human Fascioliasis. American Journal of Tropical Medicine and Hygiene, 2019, 100, 591-598.	0.6	4
103	Bile canalicular changes and defective bile secretion in Opisthorchis viverrini-infected hamsters. Folia Parasitologica, 2014, 61, 512-22.	0.7	4
104	A newly developed droplet digital PCR for <i>Ehrlichia canis</i> detection: comparisons to conventional PCR and blood smear techniques. Journal of Veterinary Medical Science, 2022, 84, 831-840.	0.3	4
105	MRI and 1H MRS findings of hepatobilary changes and cholangiocarcinoma development in hamsters infected with Opisthorchis viverrini and treated with N-nitrosodimethylamine. Magnetic Resonance Imaging, 2015, 33, 1146-1155.	1.0	3
106	An optimized agar plate culture improves diagnostic efficiency for Strongyloides stercoralis infection in an endemic community. Parasitology Research, 2020, 119, 1409-1413.	0.6	3
107	N-glycosylation profiling of serum immunoglobulin in opisthorchiasis patients. Journal of Proteomics, 2021, 230, 103980.	1.2	3
108	Biochemical constituents and insecticidal activities of Callistemon viminalis essential oil against adults and eggs of Pediculus humanus capitis (Phthiraptera: Pediculidae). Phytomedicine Plus, 2022, 2, 100156.	0.9	3

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109	<i> </i> Hydroethanolic <i> Cyperus rotundus</i> L. extract exhibits anti-obesity property and increases lifespan expectancy in <i> Drosophila melanogaster</i> fed a high-fat diet. Journal of HerbMed Pharmacology, 2022, 11, 296-304.	0.4	3
110	Anthocyanin complex exerts anti-cholangiocarcinoma activities and improves the efficacy of drug treatment in a gemcitabine-resistant cell line. International Journal of Oncology, 2018, 52, 1715-1726.	1.4	2
111	Evaluation of a short term effect of praziquantel treatment in opisthorchiasis-induced hepatobiliary inflammation by urinary 8-oxodG. Acta Tropica, 2019, 189, 124-128.	0.9	2
112	Repeated Ivermectin Treatment Induces Ivermectin Resistance in Strongyloides ratti by Upregulating the Expression of ATP-Binding Cassette Transporter Genes. American Journal of Tropical Medicine and Hygiene, 2021, 105, 1117-1123.	0.6	2
113	Detection of S100 Calcium Binding Protein A6 by Silicon Nitride Photonic Sensor., 2022,,.		1
114	Opisthorchis viverrini infection induces metabolic disturbances in hamsters fed with high fat/high fructose diets: Implications for liver and kidney pathologies. Journal of Nutritional Biochemistry, 2022, 107, 109053.	1.9	1
115	Reply to letter to the editor. Helicobacter, 2021, 26, e12831.	1.6	0
116	Mucin-producing hamster cholangiocarcinoma cell line, Ham-2, possesses the aggressive cancer phenotypes with liver and lung metastases. In Vitro Cellular and Developmental Biology - Animal, 2021, 57, 825-834.	0.7	0