

Bryan C Fuchs

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3424614/publications.pdf>

Version: 2024-02-01

84
papers

5,064
citations

87723

38
h-index

91712

69
g-index

85
all docs

85
docs citations

85
times ranked

7985
citing authors

#	ARTICLE	IF	CITATIONS
1	Peroxidasin Deficiency Re-programs Macrophages Toward Pro-fibrosis Function and Promotes Collagen Resolution in Liver. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 1483-1509.	2.3	9
2	Molecular Signature Predictive of Long-Term Liver Fibrosis Progression to Inform Antifibrotic Drug Development. <i>Gastroenterology</i> , 2022, 162, 1210-1225.	0.6	17
3	Abstract 255: Peroxidasin deficiency recruits pro-healing macrophages into the liver and inhibits NAFLD progression to HCC. <i>Cancer Research</i> , 2022, 82, 255-255.	0.4	0
4	Hepatocellular carcinoma chemoprevention by targeting the angiotensin-converting enzyme and EGFR transactivation. <i>JCI Insight</i> , 2022, 7, .	2.3	4
5	Targeting clinical epigenetic reprogramming for chemoprevention of metabolic and viral hepatocellular carcinoma. <i>Gut</i> , 2021, 70, 157-169.	6.1	57
6	Quantitative, noninvasive MRI characterization of disease progression in a mouse model of non-alcoholic steatohepatitis. <i>Scientific Reports</i> , 2021, 11, 6105.	1.6	4
7	A blood-based prognostic liver secretome signature and long-term hepatocellular carcinoma risk in advanced liver fibrosis. <i>Med</i> , 2021, 2, 836-850.e10.	2.2	31
8	A human liver cell-based system modeling a clinical prognostic liver signature for therapeutic discovery. <i>Nature Communications</i> , 2021, 12, 5525.	5.8	21
9	Molecular Magnetic Resonance Imaging of Liver Fibrosis and Fibrogenesis Is Not Altered by Inflammation. <i>Investigative Radiology</i> , 2021, 56, 244-251.	3.5	6
10	Molecular characterization of type I IFN-induced cytotoxicity in bladder cancer cells reveals biomarkers of resistance. <i>Molecular Therapy - Oncolytics</i> , 2021, 23, 547-559.	2.0	5
11	Molecular Magnetic Resonance Imaging of Fibrin Deposition in the Liver as an Indicator of Tissue Injury and Inflammation. <i>Investigative Radiology</i> , 2020, 55, 209-216.	3.5	15
12	Risk Factors, Pathogenesis, and Strategies for Hepatocellular Carcinoma Prevention: Emphasis on Secondary Prevention and Its Translational Challenges. <i>Journal of Clinical Medicine</i> , 2020, 9, 3817.	1.0	27
13	Collagen-targeted molecular imaging in diffuse liver diseases. <i>Abdominal Radiology</i> , 2020, 45, 3545-3556.	1.0	7
14	A human liver cell-based system modeling a clinical prognostic liver signature combined with single cell RNA-seq for discovery of novel liver disease therapeutics. <i>Journal of Hepatology</i> , 2020, 73, S28-S29.	1.8	0
15	Targeting acid ceramidase inhibits YAP/TAZ signaling to reduce fibrosis in mice. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	71
16	Advanced MRI of Liver Fibrosis and Treatment Response in a Rat Model of Nonalcoholic Steatohepatitis. <i>Radiology</i> , 2020, 296, 67-75.	3.6	22
17	Acetyl-CoA carboxylase inhibition disrupts metabolic reprogramming during hepatic stellate cell activation. <i>Journal of Hepatology</i> , 2020, 73, 896-905.	1.8	119
18	Platelet and neutrophil to lymphocyte ratios predict survival in patients with resectable colorectal liver metastases. <i>American Journal of Surgery</i> , 2020, 220, 1579-1585.	0.9	12

#	ARTICLE	IF	CITATIONS
19	Fibrotic Response to Neoadjuvant Therapy Predicts Survival in Pancreatic Cancer and Is Measurable with Collagen-Targeted Molecular MRI. <i>Clinical Cancer Research</i> , 2020, 26, 5007-5018.	3.2	29
20	Epigallocatechin Gallate Induces Hepatic Stellate Cell Senescence and Attenuates Development of Hepatocellular Carcinoma. <i>Cancer Prevention Research</i> , 2020, 13, 497-508.	0.7	24
21	Serum Angiopoietin-2 Predicts Mortality and Kidney Outcomes in Decompensated Cirrhosis. <i>Hepatology</i> , 2019, 69, 729-741.	3.6	26
22	Exploring donor demographics effects on hepatocyte yield and viability: Results of whole human liver isolation from one center. <i>Technology</i> , 2019, 07, 1-11.	1.4	2
23	THU-084-A comparative study of anti-Fibrotic therapeutics using aptamer-based quantitative proteomics in a rat model of non-alcoholic steatohepatitis cirrhosis. <i>Journal of Hepatology</i> , 2019, 70, e196-e197.	1.8	0
24	THU-093-The calpain inhibitor, BLD-2660, has robust anti-fibrotic activity in a rat model of non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , 2019, 70, e201-e202.	1.8	3
25	HCV-Induced Epigenetic Changes Associated With Liver Cancer Risk Persist After Sustained Virologic Response. <i>Gastroenterology</i> , 2019, 156, 2313-2329.e7.	0.6	184
26	⁶⁸ Ga-NODAGA-Indole: An Allysine-Reactive Positron Emission Tomography Probe for Molecular Imaging of Pulmonary Fibrogenesis. <i>Journal of the American Chemical Society</i> , 2019, 141, 5593-5596.	6.6	23
27	The farnesoid X receptor agonist EDP-305 reduces interstitial renal fibrosis in a mouse model of unilateral ureteral obstruction. <i>FASEB Journal</i> , 2019, 33, 7103-7112.	0.2	29
28	Molecular Magnetic Resonance Imaging Using a Redox-Active Iron Complex. <i>Journal of the American Chemical Society</i> , 2019, 141, 5916-5925.	6.6	96
29	Tumor Contrast Enhancement and Whole-Body Elimination of the Manganese-Based Magnetic Resonance Imaging Contrast Agent Mn-PyC3A. <i>Investigative Radiology</i> , 2019, 54, 697-703.	3.5	45
30	Inhibition of Acetyl-CoA Carboxylase by Phosphorylation or the Inhibitor ND-654 Suppresses Lipogenesis and Hepatocellular Carcinoma. <i>Cell Metabolism</i> , 2019, 29, 174-182.e5.	7.2	246
31	Pioglitazone Reduces Hepatocellular Carcinoma Development in Two Rodent Models of Cirrhosis. <i>Journal of Gastrointestinal Surgery</i> , 2019, 23, 101-111.	0.9	30
32	Molecular imaging of fibrosis: recent advances and future directions. <i>Journal of Clinical Investigation</i> , 2019, 129, 24-33.	3.9	86
33	Molecular signatures in hepatocellular carcinoma: A step toward rationally designed cancer therapy. <i>Cancer</i> , 2018, 124, 3084-3104.	2.0	42
34	In vitro modeling of hepatocellular carcinoma molecular subtypes for anti-cancer drug assessment. <i>Experimental and Molecular Medicine</i> , 2018, 50, e419-e419.	3.2	37
35	Prolonged cenicriviroc therapy reduces hepatic fibrosis despite steatohepatitis in a diet-induced mouse model of nonalcoholic steatohepatitis. <i>Hepatology Communications</i> , 2018, 2, 529-545.	2.0	43
36	Tyrosine kinase SYK is a potential therapeutic target for liver fibrosis. <i>Hepatology</i> , 2018, 68, 1125-1139.	3.6	74

#	ARTICLE	IF	CITATIONS
37	Cell type-specific pharmacological kinase inhibition for cancer chemoprevention. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 317-325.	1.7	12
38	Manganese-Based Contrast Agents for Magnetic Resonance Imaging of Liver Tumors: Structure-Activity Relationships and Lead Candidate Evaluation. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8811-8824.	2.9	72
39	Collagen targeted MRI accurately measures the desmoplastic response to folfirinnox treatment in a murine model of pancreatic cancer. <i>Hpb</i> , 2018, 20, S23-S24.	0.1	1
40	New Directions in the Study and Treatment of Metastatic Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 258.	1.3	14
41	Molecular magnetic resonance imaging accurately measures the antifibrotic effect of EDP-305, a novel farnesoid X receptor agonist. <i>Hepatology Communications</i> , 2018, 2, 821-835.	2.0	46
42	Orthotopic and heterotopic murine models of pancreatic cancer and their different responses to FOLFIRINOX chemotherapy. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	60
43	CM-101: Type I Collagen-targeted MR Imaging Probe for Detection of Liver Fibrosis. <i>Radiology</i> , 2018, 287, 581-589.	3.6	43
44	Transcriptome-based repurposing of apigenin as a potential anti-fibrotic agent targeting hepatic stellate cells. <i>Scientific Reports</i> , 2017, 7, 42563.	1.6	29
45	The autotaxin-lysophosphatidic acid pathway emerges as a therapeutic target to prevent liver cancer. <i>Molecular and Cellular Oncology</i> , 2017, 4, e1311827.	0.3	22
46	Optimization of a Collagen-Targeted PET Probe for Molecular Imaging of Pulmonary Fibrosis. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1991-1996.	2.8	50
47	Tricyclic Antidepressants Promote Ceramide Accumulation to Regulate Collagen Production in Human Hepatic Stellate Cells. <i>Scientific Reports</i> , 2017, 7, 44867.	1.6	22
48	A novel chemoradiation targeting stem and nonstem pancreatic cancer cells by repurposing disulfiram. <i>Cancer Letters</i> , 2017, 409, 9-19.	3.2	48
49	Cost-Effectiveness of Risk Score-Stratified Hepatocellular Carcinoma Screening in Patients with Cirrhosis. <i>Clinical and Translational Gastroenterology</i> , 2017, 8, e101.	1.3	124
50	Combined magnetic resonance elastography and collagen molecular magnetic resonance imaging accurately stage liver fibrosis in a rat model. <i>Hepatology</i> , 2017, 65, 1015-1025.	3.6	43
51	Molecular imaging of oxidized collagen quantifies pulmonary and hepatic fibrogenesis. <i>JCI Insight</i> , 2017, 2, .	2.3	57
52	STAT3 is a key transcriptional regulator of cancer stem cell marker CD133 in HCC. <i>Hepatobiliary Surgery and Nutrition</i> , 2016, 5, 201-203.	0.7	23
53	Disease Biomarkers in Gastrointestinal Malignancies. <i>Disease Markers</i> , 2016, 2016, 1-3.	0.6	2
54	Metformin prevents hepatocellular carcinoma development by suppressing hepatic progenitor cell activation in a rat model of cirrhosis. <i>Cancer</i> , 2016, 122, 1216-1227.	2.0	65

#	ARTICLE	IF	CITATIONS
55	Impact of <i>EGF</i> , <i>IL28B</i> , and <i>PNPLA3</i> polymorphisms on the outcome of allograft hepatitis C: a multicenter study. <i>Clinical Transplantation</i> , 2016, 30, 452-460.	0.8	2
56	Molecular Liver Cancer Prevention in Cirrhosis by Organ Transcriptome Analysis and Lysophosphatidic Acid Pathway Inhibition. <i>Cancer Cell</i> , 2016, 30, 879-890.	7.7	172
57	The XBP1 Arm of the Unfolded Protein Response Induces Fibrogenic Activity in Hepatic Stellate Cells Through Autophagy. <i>Scientific Reports</i> , 2016, 6, 39342.	1.6	77
58	A tunable delivery platform to provide local chemotherapy for pancreatic ductal adenocarcinoma. <i>Biomaterials</i> , 2016, 93, 71-82.	5.7	35
59	Molecular subclasses of hepatocellular carcinoma predict sensitivity to fibroblast growth factor receptor inhibition. <i>International Journal of Cancer</i> , 2016, 138, 1494-1505.	2.3	29
60	T2 relaxation time is related to liver fibrosis severity. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016, 6, 103-114.	1.1	54
61	<i>CD44</i> single nucleotide polymorphism and isoform switching may predict gastric cancer recurrence. <i>Journal of Surgical Oncology</i> , 2015, 112, 622-628.	0.8	14
62	Assessment of Proliferation and Cytotoxicity in a Biomimetic Three-Dimensional Model of Lung Cancer. <i>Annals of Thoracic Surgery</i> , 2015, 100, 414-421.	0.7	25
63	3D molecular MR imaging of liver fibrosis and response to rapamycin therapy in a bile duct ligation rat model. <i>Journal of Hepatology</i> , 2015, 63, 689-696.	1.8	57
64	Noninvasive Biomarkers of Liver Fibrosis: Clinical Applications and Future Directions. <i>Current Pathobiology Reports</i> , 2014, 2, 245-256.	1.6	30
65	Epidermal growth factor receptor inhibition attenuates liver fibrosis and development of hepatocellular carcinoma. <i>Hepatology</i> , 2014, 59, 1577-1590.	3.6	290
66	Pathogenesis and prevention of hepatitis C virus-induced hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2014, 61, S79-S90.	1.8	181
67	Epithelial to Mesenchymal Transition is Associated with Shorter Disease-Free Survival in Hepatocellular Carcinoma. <i>Annals of Surgical Oncology</i> , 2014, 21, 3882-3890.	0.7	61
68	Host Genetics Predict Clinical Deterioration in HCV-Related Cirrhosis. <i>PLoS ONE</i> , 2014, 9, e114747.	1.1	11
69	Molecular Magnetic Resonance Imaging of Pulmonary Fibrosis in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 1120-1126.	1.4	89
70	Molecular MRI of collagen to diagnose and stage liver fibrosis. <i>Journal of Hepatology</i> , 2013, 59, 992-998.	1.8	128
71	Epithelial growth factor receptor inhibition effectively inhibits liver fibrosis and hepatocellular carcinoma. <i>Journal of the American College of Surgeons</i> , 2013, 217, S20.	0.2	0
72	A functional polymorphism in the epidermal growth factor gene predicts hepatocellular carcinoma risk in Japanese hepatitis C patients. <i>OncoTargets and Therapy</i> , 2013, 6, 1805.	1.0	18

#	ARTICLE	IF	CITATIONS
73	Angiogenesis Inhibition Using an Oncolytic Herpes Simplex Virus Expressing Endostatin in a Murine Lung Cancer Model. <i>Cancer Investigation</i> , 2012, 30, 243-250.	0.6	19
74	Genomic risk of hepatitis C-related hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2012, 56, 729-730.	1.8	15
75	Molecular MR imaging of liver fibrosis: A feasibility study using rat and mouse models. <i>Journal of Hepatology</i> , 2012, 57, 549-555.	1.8	97
76	Prevention of hepatocellular carcinoma: potential targets, experimental models, and clinical challenges. <i>Current Cancer Drug Targets</i> , 2012, 12, 1129-59.	0.8	55
77	A Functional Polymorphism in the Epidermal Growth Factor Gene Is Associated With Risk for Hepatocellular Carcinoma. <i>Gastroenterology</i> , 2011, 141, 141-149.	0.6	133
78	A Functional Epidermal Growth Factor (EGF) Polymorphism, EGF Serum Levels, and Esophageal Adenocarcinoma Risk and Outcome. <i>Clinical Cancer Research</i> , 2008, 14, 3216-3222.	3.2	80
79	Epithelial-to-Mesenchymal Transition and Integrin-Linked Kinase Mediate Sensitivity to Epidermal Growth Factor Receptor Inhibition in Human Hepatoma Cells. <i>Cancer Research</i> , 2008, 68, 2391-2399.	0.4	287
80	Epidermal Growth Factor Gene Functional Polymorphism and the Risk of Hepatocellular Carcinoma in Patients With Cirrhosis. <i>JAMA - Journal of the American Medical Association</i> , 2008, 299, 53-60.	3.8	183
81	Positron Emission Tomography of Herpes Simplex Virus 1 Oncolysis. <i>Cancer Research</i> , 2007, 67, 3295-3300.	0.4	35
82	Stressing Out Over Survival: Glutamine as an Apoptotic Modulator. <i>Journal of Surgical Research</i> , 2006, 131, 26-40.	0.8	91
83	Type I Diabetes Affects Skeletal Muscle Glutamine Uptake in a Fiber-Specific Manner. <i>Experimental Biology and Medicine</i> , 2005, 230, 606-611.	1.1	8
84	Amino acid transporters ASCT2 and LAT1 in cancer: Partners in crime?. <i>Seminars in Cancer Biology</i> , 2005, 15, 254-266.	4.3	608