

Zuzana Macek Jilkova

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,332
citations

257450

24
h-index

223800

46
g-index

53
all docs

53
docs citations

53
times ranked

3377
citing authors

#	ARTICLE	IF	CITATIONS
1	NASH limits anti-tumour surveillance in immunotherapy-treated HCC. <i>Nature</i> , 2021, 592, 450-456.	27.8	649
2	Metabolic Effects of n-3 PUFA as Phospholipids Are Superior to Triglycerides in Mice Fed a High-Fat Diet: Possible Role of Endocannabinoids. <i>PLoS ONE</i> , 2012, 7, e38834.	2.5	188
3	Sex differences during the course of diet-induced obesity in mice: adipose tissue expandability and glycemic control. <i>International Journal of Obesity</i> , 2012, 36, 262-272.	3.4	140
4	n-3 Fatty acids and rosiglitazone improve insulin sensitivity through additive stimulatory effects on muscle glycogen synthesis in mice fed a high-fat diet. <i>Diabetologia</i> , 2009, 52, 941-951.	6.3	128
5	n-3 PUFA: bioavailability and modulation of adipose tissue function. <i>Proceedings of the Nutrition Society</i> , 2009, 68, 361-369.	1.0	118
6	Synergistic induction of lipid catabolism and anti-inflammatory lipids in white fat of dietary obese mice in response to calorie restriction and n-3 fatty acids. <i>Diabetologia</i> , 2011, 54, 2626-2638.	6.3	93
7	AMP-activated Protein Kinase $\alpha 2$ Subunit Is Required for the Preservation of Hepatic Insulin Sensitivity by n-3 Polyunsaturated Fatty Acids. <i>Diabetes</i> , 2010, 59, 2737-2746.	0.6	74
8	Predictive Factors for Response to PD-1/PD-L1 Checkpoint Inhibition in the Field of Hepatocellular Carcinoma: Current Status and Challenges. <i>Cancers</i> , 2019, 11, 1554.	3.7	73
9	Induction of muscle thermogenesis by high-fat diet in mice: association with obesity-resistance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E356-E367.	3.5	64
10	Type I iodothyronine 5 α -deiodinase mRNA and activity is increased in adipose tissue of obese subjects. <i>International Journal of Obesity</i> , 2012, 36, 320-324.	3.4	61
11	Prevention and Reversal of Obesity and Glucose Intolerance in Mice by DHA Derivatives. <i>Obesity</i> , 2009, 17, 1023-1031.	3.0	59
12	Animal Models of Hepatocellular Carcinoma: The Role of Immune System and Tumor Microenvironment. <i>Cancers</i> , 2019, 11, 1487.	3.7	47
13	Unmasking Differential Effects of Rosiglitazone and Pioglitazone in the Combination Treatment with n-3 Fatty Acids in Mice Fed a High-Fat Diet. <i>PLoS ONE</i> , 2011, 6, e27126.	2.5	43
14	CCM proteins control endothelial $\beta 1$ integrin dependent response to shear stress. <i>Biology Open</i> , 2014, 3, 1228-1235.	1.2	40
15	Immunologic Features of Patients With Advanced Hepatocellular Carcinoma Before and During Sorafenib or Anti-programmed Death-1/Programmed Death-L1 Treatment. <i>Clinical and Translational Gastroenterology</i> , 2019, 10, e00058.	2.5	38
16	The Chicken Embryo Model: A Novel and Relevant Model for Immune-Based Studies. <i>Frontiers in Immunology</i> , 2021, 12, 791081.	4.8	37
17	The inhibition of fat cell proliferation by n-3 fatty acids in dietary obese mice. <i>Lipids in Health and Disease</i> , 2011, 10, 128.	3.0	35
18	Modulation of Type I Iodothyronine 5 α -Deiodinase Activity in white Adipose Tissue by Nutrition: Possible Involvement of Leptin. <i>Physiological Research</i> , 2010, 59, 561-569.	0.9	35

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19	Perinatal programming of body weight control by leptin: putative roles of AMP kinase and muscle thermogenesis. <i>American Journal of Clinical Nutrition</i> , 2011, 94, S1830-S1837.	4.7	30
20	Progression of fibrosis in patients with chronic viral hepatitis is associated with ⁺ neutrophils. <i>Liver International</i> , 2016, 36, 1116-1124.	3.9	30
21	Combination of AKT inhibitor ARQ 092 and sorafenib potentiates inhibition of tumor progression in cirrhotic rat model of hepatocellular carcinoma. <i>Oncotarget</i> , 2018, 9, 11145-11158.	1.8	30
22	DEN-Induced Rat Model Reproduces Key Features of Human Hepatocellular Carcinoma. <i>Cancers</i> , 2021, 13, 4981.	3.7	30
23	GNS561, a clinical-stage PPT1 inhibitor, is efficient against hepatocellular carcinoma <i>via</i> modulation of lysosomal functions. <i>Autophagy</i> , 2022, 18, 678-694.	9.1	30
24	Targeting Akt in Hepatocellular Carcinoma and Its Tumor Microenvironment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1794.	4.1	27
25	Modeling Diet-Induced NAFLD and NASH in Rats: A Comprehensive Review. <i>Biomedicines</i> , 2021, 9, 378.	3.2	27
26	Percutaneous Ablation-Induced Immunomodulation in Hepatocellular Carcinoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4398.	4.1	26
27	Functions of Liver Natural Killer Cells Are Dependent on the Severity of Liver Inflammation and Fibrosis in Chronic Hepatitis C. <i>PLoS ONE</i> , 2014, 9, e95614.	2.5	23
28	Lymphocytes Degranulation in Liver in Hepatitis C Virus Carriers Is Associated With IFNL4 Polymorphisms and ALT Levels. <i>Journal of Infectious Diseases</i> , 2014, 209, 1907-1915.	4.0	22
29	Efficacy of AKT Inhibitor ARQ 092 Compared with Sorafenib in a Cirrhotic Rat Model with Hepatocellular Carcinoma. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 2157-2165.	4.1	22
30	Sex Differences in Spontaneous Degranulation Activity of Intrahepatic Natural Killer Cells during Chronic Hepatitis B: Association with Estradiol Levels. <i>Mediators of Inflammation</i> , 2017, 2017, 1-5.	3.0	12
31	Modulating the Crosstalk between the Tumor and Its Microenvironment Using RNA Interference: A Treatment Strategy for Hepatocellular Carcinoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5250.	4.1	12
32	Investigation of osteoprotegerin interactions with ligands and antibodies using piezoelectric biosensors. <i>Biosensors and Bioelectronics</i> , 2005, 20, 2027-2034.	10.1	10
33	GNS561 acts as a potent anti-fibrotic and pro-fibolytic agent in liver fibrosis through TGF- β 1 inhibition. <i>Therapeutic Advances in Chronic Disease</i> , 2020, 11, 204062232094204.	2.5	9
34	GNS561, a New Autophagy Inhibitor Active against Cancer Stem Cells in Hepatocellular Carcinoma and Hepatic Metastasis from Colorectal Cancer. <i>Journal of Cancer</i> , 2021, 12, 5432-5438.	2.5	9
35	Wall shear stress and endothelial cells dysfunction in the context of abdominal aortic aneurysms. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2013, 16, 27-29.	1.6	8
36	Immunomodulation for hepatocellular carcinoma therapy: current challenges. <i>Current Opinion in Oncology</i> , 2022, 34, 155-160.	2.4	8

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37	Circulating IL-13 Is Associated with De Novo Development of HCC in HCV-Infected Patients Responding to Direct-Acting Antivirals. <i>Cancers</i> , 2020, 12, 3820.	3.7	7
38	Chronic Intermittent Hypoxia Increases Cell Proliferation in Hepatocellular Carcinoma. <i>Cells</i> , 2022, 11, 2051.	4.1	7
39	Adipose tissue-related proteins locally associated with resolution of inflammation in obese mice. <i>International Journal of Obesity</i> , 2014, 38, 216-223.	3.4	6
40	Increased Intrahepatic Expression of Immune Checkpoint Molecules in Autoimmune Liver Disease. <i>Cells</i> , 2021, 10, 2671.	4.1	6
41	Reply to Comment on Jilkova, Z.M.; et al. Predictive Factors for Response to PD-1/PD-L1 Checkpoint Inhibition in the Field of Hepatocellular Carcinoma: Current Status and Challenges. <i>Cancers</i> 2019, 11, 1554. <i>Cancers</i> , 2020, 12, 2673.	3.7	4
42	Clinical and Experimental Evaluation of Diagnostic Significance of Alpha-Fetoprotein and Osteopontin at the Early Stage of Hepatocellular Cancer. <i>Bulletin of Experimental Biology and Medicine</i> , 2021, 170, 340-344.	0.8	4
43	Effect of novel AKT inhibitor ARQ 751 as single agent and its combination with sorafenib on hepatocellular carcinoma in a cirrhotic rat model. <i>Journal of Hepatology</i> , 2017, 66, S459-S460.	3.7	3
44	Predictive Factors for Hepatocellular Carcinoma Development after Direct-Acting Antiviral Treatment of HCV. <i>Livers</i> , 2021, 1, 313-321.	1.9	2
45	Gamma delta T cells in hepatocellular carcinoma: Sunrise of new therapy based on $\gamma\delta$ T cells?. <i>Clinical and Translational Medicine</i> , 2022, 12, e834.	4.0	2
46	Abstract 5124: GNS561 a new quinoline derivative inhibits the growth of hepatocellular carcinoma in a cirrhotic rat and human PDX orthotopic mouse models. , 2017, , .		0
47	Abstract 3717: Animal model of cirrhosis with hepatocellular carcinoma: A reliable tool for testing new therapies. , 2019, , .		0
48	A study of serum miRNA-122 in hepatitis C and associated hepatocellular carcinoma. <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , 2019, 74, 388-395.	0.6	0
49	Abstract 3717: Animal model of cirrhosis with hepatocellular carcinoma: A reliable tool for testing new therapies. , 2019, , .		0