

Peter C Hart

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

2,985
citations

23
h-index

53
g-index

53
ext. papers

3,567
ext. citations

5.3
avg, IF

4.44
L-index

#	Paper	IF	Citations
50	Understanding behavioral and physiological phenotypes of stress and anxiety in zebrafish. <i>Behavioural Brain Research</i> , 2009 , 205, 38-44	3.4	842
49	Measuring behavioral and endocrine responses to novelty stress in adult zebrafish. <i>Nature Protocols</i> , 2010 , 5, 1786-99	18.8	404
48	Three-dimensional neurophenotyping of adult zebrafish behavior. <i>PLoS ONE</i> , 2011 , 6, e17597	3.7	200
47	MnSOD upregulation sustains the Warburg effect via mitochondrial ROS and AMPK-dependent signalling in cancer. <i>Nature Communications</i> , 2015 , 6, 6053	17.4	164
46	Pharmacological modulation of anxiety-like phenotypes in adult zebrafish behavioral models. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011 , 35, 1421-31	5.5	154
45	Modeling withdrawal syndrome in zebrafish. <i>Behavioural Brain Research</i> , 2010 , 208, 371-6	3.4	140
44	Effective breast cancer combination therapy targeting BACH1 and mitochondrial metabolism. <i>Nature</i> , 2019 , 568, 254-258	50.4	131
43	Behavioral and physiological effects of acute ketamine exposure in adult zebrafish. <i>Neurotoxicology and Teratology</i> , 2011 , 33, 658-67	3.9	116
42	Zebrafish models to study drug abuse-related phenotypes. <i>Reviews in the Neurosciences</i> , 2011 , 22, 95-105	5.7	106
41	NOS1-derived nitric oxide promotes NF- κ B transcriptional activity through inhibition of suppressor of cytokine signaling-1. <i>Journal of Experimental Medicine</i> , 2015 , 212, 1725-38	16.6	73
40	Acute stress disrupts performance of zebrafish in the cued and spatial memory tests: the utility of fish models to study stress-memory interplay. <i>Behavioural Processes</i> , 2011 , 87, 224-30	1.6	55
39	Effects of piracetam on behavior and memory in adult zebrafish. <i>Brain Research Bulletin</i> , 2011 , 85, 58-63	3.9	55
38	Behavioral effects of MDMA ('ecstasy') on adult zebrafish. <i>Behavioural Pharmacology</i> , 2011 , 22, 275-80	2.4	45
37	Experimental models of anxiety for drug discovery and brain research. <i>Methods in Molecular Biology</i> , 2010 , 602, 299-321	1.4	36
36	Insights into the Use of C-Reactive Protein as a Diagnostic Index of Disease Severity in COVID-19 Infections. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020 , 103, 561-563	3.2	36
35	Caveolin-1 regulates cancer cell metabolism via scavenging Nrf2 and suppressing MnSOD-driven glycolysis. <i>Oncotarget</i> , 2016 , 7, 308-22	3.3	35
34	Neurophenotyping of Adult Zebrafish Using the Light/Dark Box Paradigm. <i>Neuromethods</i> , 2011 , 157-167	0.4	34

33	SPHK1 Is a Novel Target of Metformin in Ovarian Cancer. <i>Molecular Cancer Research</i> , 2019 , 17, 870-881	6.6	32
32	Qui non proicit, deficit: experimental models for 'integrative' research of affective disorders. <i>Journal of Affective Disorders</i> , 2010 , 121, 1-9	6.6	29
31	SOD2 acetylation on lysine 68 promotes stem cell reprogramming in breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 23534-23541	11.5	28
30	Behavioral and physiological effects of RDX on adult zebrafish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012 , 155, 33-8	3.2	26
29	SOD2 and the Mitochondrial UPR: Partners Regulating Cellular Phenotypic Transitions. <i>Trends in Biochemical Sciences</i> , 2016 , 41, 568-577	10.3	26
28	Video-Aided Analysis of Zebrafish Locomotion and Anxiety-Related Behavioral Responses. <i>Neuromethods</i> , 2011 , 1-14	0.4	24
27	Measuring Endocrine (Cortisol) Responses of Zebrafish to Stress. <i>Neuromethods</i> , 2011 , 135-142	0.4	20
26	C-Reactive Protein and Cancer-Diagnostic and Therapeutic Insights. <i>Frontiers in Immunology</i> , 2020 , 11, 595835	8.4	19
25	Modeling Stress and Anxiety in Zebrafish. <i>Neuromethods</i> , 2011 , 73-88	0.4	17
24	Mouse models for studying depression-like states and antidepressant drugs. <i>Methods in Molecular Biology</i> , 2010 , 602, 267-82	1.4	16
23	Loss of BRCA1 in the Cells of Origin of Ovarian Cancer Induces Glycolysis: A Window of Opportunity for Ovarian Cancer Chemoprevention. <i>Cancer Prevention Research</i> , 2017 , 10, 255-266	3.2	15
22	Inhibition of fascin in cancer and stromal cells blocks ovarian cancer metastasis. <i>Gynecologic Oncology</i> , 2019 , 153, 405-415	4.9	15
21	Redox control of enzymatic functions: The electronics of life's circuitry. <i>IUBMB Life</i> , 2014 , 66, 167-181	4.7	13
20	Experimental models for anxiolytic drug discovery in the era of omes and omics. <i>Expert Opinion on Drug Discovery</i> , 2011 , 6, 755-69	6.2	12
19	Mesothelial Cell HIF1 α Expression Is Metabolically Downregulated by Metformin to Prevent Oncogenic Tumor-Stromal Crosstalk. <i>Cell Reports</i> , 2019 , 29, 4086-4098.e6	10.6	12
18	Intraperitoneal Injection as a Method of Psychotropic Drug Delivery in Adult Zebrafish. <i>Neuromethods</i> , 2011 , 169-179	0.4	9
17	C-Reactive Protein and Cancer: Interpreting the Differential Bioactivities of Its Pentameric and Monomeric, Modified Isoforms. <i>Frontiers in Immunology</i> , 2021 , 12, 744129	8.4	9
16	Deconstructing Adult Zebrafish Behavior with Swim Trace Visualizations. <i>Neuromethods</i> , 2011 , 191-201	0.4	8

15	Experimental Models of Anxiety for Drug Discovery and Brain Research. <i>Methods in Molecular Biology</i> , 2016 , 1438, 271-91	1.4	7
14	Mouse Models for Studying Depression-Like States and Antidepressant Drugs. <i>Methods in Molecular Biology</i> , 2016 , 1438, 255-69	1.4	6
13	Possible Role of Metformin as an Immune Modulator in the Tumor Microenvironment of Ovarian Cancer. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
12	Genetic Animal Models of Depression. <i>Neuromethods</i> , 2010 , 191-200	0.4	4
11	Allele-specific interaction between glutathione peroxidase 1 and manganese superoxide dismutase affects the levels of Bcl-2, Sirt3 and E-cadherin. <i>Free Radical Research</i> , 2017 , 51, 582-590	4	3
10	Type 2 Diabetes Mellitus as a Risk Factor for Alzheimer's Disease 2016 , 387-413		1
9	Phenotyping and genetics of rodent grooming and barbering: utility for experimental neuroscience research	46-65	
8	Caveolin-1 loss in human breast cancer is associated with increased tumor aggressiveness and mortality. <i>FASEB Journal</i> , 2015 , 29, 284.6	0.9	
7	NOS1-derived nitric oxide promotes NF- κ B transcriptional activity through inhibition of suppressor of cytokine signaling-1. <i>Journal of Cell Biology</i> , 2015 , 210, 2106OIA180	7.3	
6	Manganese superoxide dismutase (MnSOD) promotes stem-like cell phenotypes in breast cancer. <i>FASEB Journal</i> , 2017 , 31, 809.15	0.9	
5	Genetic Animal Models of Anxiety. <i>Neuromethods</i> , 2010 , 179-189	0.4	
4	The Utility of Genetically Modified Animals in Modeling OCD-Spectrum Disorders. <i>Neuromethods</i> , 2010 , 139-149	0.4	
3	Mutant and Transgenic Zebrafish in Modeling Neurobehavioral Disorders. <i>Neuromethods</i> , 2010 , 3-12	0.4	
2	Modeling Mouse Anxiety and Sensorimotor Integration: Neurobehavioral Phenotypes in the Suok Test. <i>Neuromethods</i> , 2011 , 61-81	0.4	
1	Modeling the Early Steps of Ovarian Cancer Dissemination in an Organotypic Culture of the Human Peritoneal Cavity. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1330, 75-94	3.6	