Peter C Hart

List of Publications by Year in Descending Order

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	Modeling the Early Steps of Ovarian Cancer Dissemination in an Organotypic Culture of the Human Peritoneal Cavity. *Advances in Experimental Medicine and Biology*, **2021**, 1330, 75-94	3.6	
49	C-Reactive Protein and Cancer: Interpreting the Differential Bioactivities of Its Pentameric and Monomeric, Modified Isoforms. *Frontiers in Immunology*, **2021**, 12, 744129	8.4	9
48	Possible Role of Metformin as an Immune Modulator in the Tumor Microenvironment of Ovarian Cancer. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
47	Insights into the Use of C-Reactive Protein as a Diagnostic Index of Disease Severity in COVID-19 Infections. *American Journal of Tropical Medicine and Hygiene*, **2020**, 103, 561-563	3.2	36
46	C-Reactive Protein and Cancer-Diagnostic and Therapeutic Insights. *Frontiers in Immunology*, **2020**, 11, 595835	8.4	19
45	SPHK1 Is a Novel Target of Metformin in Ovarian Cancer. *Molecular Cancer Research*, **2019**, 17, 870-881	6.6	32
44	Effective breast cancer combination therapy targeting BACH1 and mitochondrial metabolism. *Nature*, **2019**, 568, 254-258	50.4	131
43	SOD2 acetylation on lysine 68 promotes stem cell reprogramming in breast cancer. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 23534-23541	11.5	28
42	Inhibition of fascin in cancer and stromal cells blocks ovarian cancer metastasis. *Gynecologic Oncology*, **2019**, 153, 405-415	4.9	15
41	Mesothelial Cell HIF1 Expression Is Metabolically Downregulated by Metformin to Prevent Oncogenic Tumor-Stromal Crosstalk. *Cell Reports*, **2019**, 29, 4086-4098.e6	10.6	12
40	Allele-specific interaction between glutathione peroxidase 1 and manganese superoxide dismutase affects the levels of Bcl-2, Sirt3 and E-cadherin. *Free Radical Research*, **2017**, 51, 582-590	4	3
39	Loss of BRCA1 in the Cells of Origin of Ovarian Cancer Induces Glycolysis: A Window of Opportunity for Ovarian Cancer Chemoprevention. *Cancer Prevention Research*, **2017**, 10, 255-266	3.2	15
38	Mangenese superoxide dismutase (MnSOD) promotes stem-like cell phenotypes in breast cancer. *FASEB Journal*, **2017**, 31, 809.15	0.9	
37	Type 2 Diabetes Mellitus as a Risk Factor for Alzheimer Disease **2016**, 387-413		1
36	Caveolin-1 regulates cancer cell metabolism via scavenging Nrf2 and suppressing MnSOD-driven glycolysis. *Oncotarget*, **2016**, 7, 308-22	3.3	35
35	Mouse Models for Studying Depression-Like States and Antidepressant Drugs. *Methods in Molecular Biology*, **2016**, 1438, 255-69	1.4	6
34	Experimental Models of Anxiety for Drug Discovery and Brain Research. *Methods in Molecular Biology*, **2016**, 1438, 271-91	1.4	7

33	SOD2 and the Mitochondrial UPR: Partners Regulating Cellular Phenotypic Transitions. *Trends in Biochemical Sciences*, **2016**, 41, 568-577	10.3	26
32	NOS1-derived nitric oxide promotes NF-B transcriptional activity through inhibition of suppressor of cytokine signaling-1. *Journal of Experimental Medicine*, **2015**, 212, 1725-38	16.6	73
31	MnSOD upregulation sustains the Warburg effect via mitochondrial ROS and AMPK-dependent signalling in cancer. *Nature Communications*, **2015**, 6, 6053	17.4	164
30	Caveolin-1 loss in human breast cancer is associated with increased tumor aggressiveness and mortality. *FASEB Journal*, **2015**, 29, 284.6	0.9	
29	NOS1-derived nitric oxide promotes NF-B transcriptional activity through inhibition of suppressor of cytokine signaling-1. *Journal of Cell Biology*, **2015**, 210, 2106OIA180	7.3	
28	Redox control of enzymatic functions: The electronics of life's circuitry. *IUBMB Life*, **2014**, 66, 167-181	4.7	13
27	Behavioral and physiological effects of RDX on adult zebrafish. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2012**, 155, 33-8	3.2	26
26	Zebrafish models to study drug abuse-related phenotypes. *Reviews in the Neurosciences*, **2011**, 22, 95-105	4.7	106
25	Measuring Endocrine (Cortisol) Responses of Zebrafish to Stress. *Neuromethods*, **2011**, 135-142	0.4	20
24	Acute stress disrupts performance of zebrafish in the cued and spatial memory tests: the utility of fish models to study stress-memory interplay. *Behavioural Processes*, **2011**, 87, 224-30	1.6	55
23	Effects of piracetam on behavior and memory in adult zebrafish. *Brain Research Bulletin*, **2011**, 85, 58-63	3.9	55
22	Pharmacological modulation of anxiety-like phenotypes in adult zebrafish behavioral models. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2011**, 35, 1421-31	5.5	154
21	Three-dimensional neurophenotyping of adult zebrafish behavior. *PLoS ONE*, **2011**, 6, e17597	3.7	200
20	Behavioral effects of MDMA ('ecstasy') on adult zebrafish. *Behavioural Pharmacology*, **2011**, 22, 275-80	2.4	45
19	Behavioral and physiological effects of acute ketamine exposure in adult zebrafish. *Neurotoxicology and Teratology*, **2011**, 33, 658-67	3.9	116
18	Experimental models for anxiolytic drug discovery in the era of omes and omics. *Expert Opinion on Drug Discovery*, **2011**, 6, 755-69	6.2	12
17	Modeling Stress and Anxiety in Zebrafish. *Neuromethods*, **2011**, 73-88	0.4	17
16	Video-Aided Analysis of Zebrafish Locomotion and Anxiety-Related Behavioral Responses. *Neuromethods*, **2011**, 1-14	0.4	24

15	Neurophenotyping of Adult Zebrafish Using the Light/Dark Box Paradigm. *Neuromethods*, **2011**, 157-167	0.4	34
14	Intraperitoneal Injection as a Method of Psychotropic Drug Delivery in Adult Zebrafish. *Neuromethods*, **2011**, 169-179	0.4	9
13	Deconstructing Adult Zebrafish Behavior with Swim Trace Visualizations. *Neuromethods*, **2011**, 191-201	0.4	8
12	Modeling Mouse Anxiety and Sensorimotor Integration: Neurobehavioral Phenotypes in the Suok Test. *Neuromethods*, **2011**, 61-81	0.4	
11	Measuring behavioral and endocrine responses to novelty stress in adult zebrafish. *Nature Protocols*, **2010**, 5, 1786-99	18.8	404
10	Experimental models of anxiety for drug discovery and brain research. *Methods in Molecular Biology* , **2010**, 602, 299-321	1.4	36
9	Modeling withdrawal syndrome in zebrafish. *Behavioural Brain Research*, **2010**, 208, 371-6	3.4	140
8	Qui non proficit, deficit: experimental models for 'integrative' research of affective disorders. *Journal of Affective Disorders*, **2010**, 121, 1-9	6.6	29
7	Mouse models for studying depression-like states and antidepressant drugs. *Methods in Molecular Biology*, **2010**, 602, 267-82	1.4	16
6	Genetic Animal Models of Depression. *Neuromethods*, **2010**, 191-200	0.4	4
5	Genetic Animal Models of Anxiety. *Neuromethods*, **2010**, 179-189	0.4	
4	The Utility of Genetically Modified Animals in Modeling OCD-Spectrum Disorders. *Neuromethods*, **2010**, 139-149	0.4	
3	Mutant and Transgenic Zebrafish in Modeling Neurobehavioral Disorders. *Neuromethods*, **2010**, 3-12	0.4	
2	Understanding behavioral and physiological phenotypes of stress and anxiety in zebrafish. *Behavioural Brain Research*, **2009**, 205, 38-44	3.4	842
1	Phenotyping and genetics of rodent grooming and barbering: utility for experimental neuroscience research	46-65	