

# M C Mione

## List of Publications by Year in descending order

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91  
papers

6,098  
citations

136885

32  
h-index

74108

75  
g-index

96  
all docs

96  
docs citations

96  
times ranked

9563  
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA-92a Controls Angiogenesis and Functional Recovery of Ischemic Tissues in Mice. <i>Science</i> , 2009, 324, 1710-1713.	6.0	1,114
2	SIRT1 controls endothelial angiogenic functions during vascular growth. <i>Genes and Development</i> , 2007, 21, 2644-2658.	2.7	540
3	Site-specific DICER and DROSHA RNA products control the DNA-damage response. <i>Nature</i> , 2012, 488, 231-235.	13.7	460
4	Resolution doubling in live, multicellular organisms via multifocal structured illumination microscopy. <i>Nature Methods</i> , 2012, 9, 749-754.	9.0	397
5	Endocytic Trafficking of Rac Is Required for the Spatial Restriction of Signaling in Cell Migration. <i>Cell</i> , 2008, 134, 135-147.	13.5	392
6	Acetylation-dependent regulation of endothelial Notch signalling by the SIRT1 deacetylase. <i>Nature</i> , 2011, 473, 234-238.	13.7	350
7	Live Imaging of Innate Immune Cell Sensing of Transformed Cells in Zebrafish Larvae: Parallels between Tumor Initiation and Wound Inflammation. <i>PLoS Biology</i> , 2010, 8, e1000562.	2.6	185
8	Kita Driven Expression of Oncogenic HRAS Leads to Early Onset and Highly Penetrant Melanoma in Zebrafish. <i>PLoS ONE</i> , 2010, 5, e15170.	1.1	134
9	Early Development of Functional Spatial Maps in the Zebrafish Olfactory Bulb. <i>Journal of Neuroscience</i> , 2005, 25, 5784-5795.	1.7	119
10	Stable Vascular Connections and Remodeling Require Full Expression of VE-Cadherin in Zebrafish Embryos. <i>PLoS ONE</i> , 2009, 4, e5772.	1.1	107
11	Mutation in Rab3 GTPase-Activating Protein (RAB3GAP) Noncatalytic Subunit in a Kindred with Martsolf Syndrome. <i>American Journal of Human Genetics</i> , 2006, 78, 702-707.	2.6	91
12	Conserved and divergent patterns of Reelin expression in the zebrafish central nervous system. <i>Journal of Comparative Neurology</i> , 2002, 450, 73-93.	0.9	81
13	Peptides and vasomotor mechanisms. , 1990, 46, 429-468.		80
14	An increase in the expression of neuropeptidergic vasodilator, but not vasoconstrictor, cerebrovascular nerves in aging rats. <i>Brain Research</i> , 1988, 460, 103-113.	1.1	79
15	Neurogenin1 is a determinant of zebrafish basal forebrain dopaminergic neurons and is regulated by the conserved zinc finger protein Tof/Fezl. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 5143-5148.	3.3	78
16	Expression of H-RASV12 in a zebrafish model of Costello syndrome causes cellular senescence in adult proliferating cells. <i>DMM Disease Models and Mechanisms</i> , 2009, 2, 56-67.	1.2	77
17	Basic fibroblast growth factor prolongs the proliferation of rat cortical progenitor cells in vitro without altering their cell cycle parameters. <i>Cerebral Cortex</i> , 1997, 7, 293-302.	1.6	71
18	Dynamic microtubules at the vegetal cortex predict the embryonic axis in zebrafish. <i>Development (Cambridge)</i> , 2012, 139, 3644-3652.	1.2	71

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19	Critical Role of Tissue Kallikrein in Vessel Formation and Maturation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 657-664.	1.1	64
20	Tumor initiating cells induce Cxcr4-mediated infiltration of pro-tumoral macrophages into the brain. <i>ELife</i> , 2018, 7, .	2.8	64
21	Overlapping expression of zebrafish T-brain-1 and eomesodermin during forebrain development. <i>Mechanisms of Development</i> , 2001, 100, 93-97.	1.7	61
22	In vivo cell biology in zebrafish “ providing insights into vertebrate development and disease. <i>Journal of Cell Science</i> , 2014, 127, 485-495.	1.2	60
23	In vivo label-free three-dimensional imaging of zebrafish vasculature with optical projection tomography. <i>Journal of Biomedical Optics</i> , 2011, 16, 1.	1.4	59
24	Differentiation of cerebellar cell identities in absence of Fgf signalling in zebrafish Otx morphants. <i>Development (Cambridge)</i> , 2006, 133, 1891-1900.	1.2	58
25	A novel brain tumour model in zebrafish reveals the role of YAP activation in MAPK/PI3K induced malignant growth. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 15-28.	1.2	58
26	How to create the vascular tree? (Latest) help from the zebrafish. , 2008, 118, 206-230.		55
27	Global Repression of Cancer Gene Expression in a Zebrafish Model of Melanoma Is Linked to Epigenetic Regulation. <i>Zebrafish</i> , 2009, 6, 417-424.	0.5	48
28	Micro<scp>RNA</scp>s in melanocyte and melanoma biology. <i>Pigment Cell and Melanoma Research</i> , 2015, 28, 340-354.	1.5	48
29	A network-based approach to identify deregulated pathways and drug effects in metabolic syndrome. <i>Nature Communications</i> , 2019, 10, 5215.	5.8	47
30	Repetitive Elements Trigger RIG-I-like Receptor Signaling that Regulates the Emergence of Hematopoietic Stem and Progenitor Cells. <i>Immunity</i> , 2020, 53, 934-951.e9.	6.6	43
31	The Tumor Suppressor PRDM5 Regulates Wnt Signaling at Early Stages of Zebrafish Development. <i>PLoS ONE</i> , 2009, 4, e4273.	1.1	42
32	Long-term chemical sympathectomy leads to an increase of neuropeptide Y immunoreactivity in cerebrovascular nerves and iris of the developing rat. <i>Neuroscience</i> , 1990, 34, 369-378.	1.1	39
33	Differential regulation of epiboly initiation and progression by zebrafish Eomesodermin A. <i>Developmental Biology</i> , 2012, 362, 11-23.	0.9	39
34	How Neuronal Migration Contributes to the Morphogenesis of the CNS: Insights from the Zebrafish. <i>Developmental Neuroscience</i> , 2008, 30, 65-81.	1.0	37
35	Zebrafish in Translational Cancer Research: Insight into Leukemia, Melanoma, Glioma and Endocrine Tumor Biology. <i>Genes</i> , 2017, 8, 236.	1.0	35
36	The autonomic innervation of the vasa nervorum. <i>Journal of Neural Transmission</i> , 1983, 58, 291-297.	1.4	33

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37	Plasticity in expression of calcitonin gene-related peptide and substance P immunoreactivity in ganglia and fibres following guanethidine and/or capsaicin denervation. <i>Cell and Tissue Research</i> , 1992, 268, 491-504.	1.5	32
38	Pregnancy reduces noradrenaline but not neuropeptide levels in the uterine artery of the guinea-pig. <i>Cell and Tissue Research</i> , 1990, 259, 503-509.	1.5	29
39	Targeting oncogene expression to endothelial cells induces proliferation of the myelo-erythroid lineage by repressing the notch pathway. <i>Leukemia</i> , 2013, 27, 2229-2241.	3.3	28
40	The Zebrafish as an Emerging Model to Study DNA Damage in Aging, Cancer and Other Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 178.	1.8	28
41	Age-related changes in the noradrenergic innervation of the coronary arteries in old rats: a fluorescent histochemical study. <i>Journal of the Autonomic Nervous System</i> , 1988, 22, 247-251.	1.9	27
42	Precise base editing for the in vivo study of developmental signaling and human pathologies in zebrafish. <i>ELife</i> , 2021, 10, .	2.8	26
43	Neuronal Clones in the Cerebral Cortex Show Morphological and Neurotransmitter Heterogeneity during Development. <i>Cerebral Cortex</i> , 1996, 6, 490-497.	1.6	25
44	Daam1a mediates asymmetric habenular morphogenesis by regulating dendritic and axonal outgrowth. <i>Development (Cambridge)</i> , 2013, 140, 3997-4007.	1.2	23
45	Zebrafish BarH-like genes define discrete neural domains in the early embryo. <i>Gene Expression Patterns</i> , 2006, 6, 347-352.	0.3	22
46	Neuronal function of Tbx20 conserved from nematodes to vertebrates. <i>Developmental Biology</i> , 2008, 317, 671-685.	0.9	22
47	Age-related changes of noradrenergic innervation of rat splanchnic blood vessels: a histofluorescence and neurochemical study. <i>Journal of the Autonomic Nervous System</i> , 1988, 25, 27-33.	1.9	21
48	A metabolic interplay coordinated by HLX regulates myeloid differentiation and AML through partly overlapping pathways. <i>Nature Communications</i> , 2018, 9, 3090.	5.8	21
49	<sup>3</sup> H-Muscimol Binding Sites within Guinea Pig Ovary: A Histoautoradiographic Study. <i>Pharmacology</i> , 1986, 32, 202-207.	0.9	20
50	Lactate modulates microglia polarization via IGFBP6 expression and remodels tumor microenvironment in glioblastoma. <i>Cancer Immunology, Immunotherapy</i> , 2023, 72, 1-20.	2.0	20
51	Characterization of [ <sup>3</sup> H]5-hydroxytryptamine uptake within rat cerebrovascular tree. <i>European Journal of Pharmacology</i> , 1985, 112, 181-186.	1.7	19
52	Age-related changes in vasoactive intestinal polypeptide levels and distribution in the rat lung. <i>Journal of Neural Transmission</i> , 1988, 74, 1-10.	1.4	19
53	Use of enhanced silver staining combined with electron microscopical immunolabelling to demonstrate the colocalization of neuropeptide Y and vasoactive intestinal polypeptide in cerebrovascular nerves. <i>Neuroscience</i> , 1990, 39, 775-785.	1.1	19
54	Binding of [ <sup>3</sup> H]â€muscimol to GABA <sub>A</sub> sites in the guineaâ€pig urinary bladder: biochemical assay and autoradiography. <i>British Journal of Pharmacology</i> , 1989, 96, 313-318.	2.7	18

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55	Ras-Induced miR-146a and 193a Target Jmjd6 to Regulate Melanoma Progression. <i>Frontiers in Genetics</i> , 2018, 9, 675.	1.1	18
56	Zebrafish disease models in hematology: Highlights on biological and translational impact. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 620-633.	1.8	18
57	Increase of dopamine $\beta$ -hydroxylase immunoreactivity in non-noradrenergic nerves of rat cerebral arteries following long-term sympathectomy. <i>Neuroscience Letters</i> , 1991, 123, 167-171.	1.0	17
58	The Toolbox for Conditional Zebrafish Cancer Models. <i>Advances in Experimental Medicine and Biology</i> , 2016, 916, 21-59.	0.8	17
59	Dynamic regulation of Pin1 expression and function during zebrafish development. <i>PLoS ONE</i> , 2017, 12, e0175939.	1.1	17
60	Expression of tert Prevents ALT in Zebrafish Brain Tumors. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 65.	1.8	17
61	Lactate Induces the Expressions of MCT1 and HCAR1 to Promote Tumor Growth and Progression in Glioblastoma. <i>Frontiers in Oncology</i> , 2022, 12, 871798.	1.3	17
62	Automated phenotype pattern recognition of zebrafish for high-throughput screening. <i>Bioengineered</i> , 2016, 7, 261-265.	1.4	16
63	Fam83F induces p53 stabilisation and promotes its activity. <i>Cell Death and Differentiation</i> , 2019, 26, 2125-2138.	5.0	16
64	Dopamine-sensitive cAMP generating system in rat extracerebral arteries. <i>European Journal of Pharmacology</i> , 1984, 97, 105-109.	1.7	14
65	Identification of alternatively spliced dab1 isoforms in zebrafish. <i>Development Genes and Evolution</i> , 2006, 216, 291-299.	0.4	14
66	Cancer and Inflammation: An Aspirin a Day Keeps the Cancer at Bay. <i>Current Biology</i> , 2012, 22, R522-R525.	1.8	12
67	Automated in vivo screen in zebrafish identifies Clotrimazole as targeting a metabolic vulnerability in a melanoma model. <i>Developmental Biology</i> , 2020, 457, 215-225.	0.9	12
68	Nerve fibres in the uterine artery increase in number in pregnant guinea-pigs. <i>NeuroReport</i> , 1991, 2, 537-540.	0.6	11
69	The noradrenergic innervation of the vasa nervorum in old rats: a fluorescence histochemical study. <i>Journal of the Autonomic Nervous System</i> , 1987, 18, 177-180.	1.9	10
70	Monoclonal antibodies isolated by large-scale screening are suitable for labeling adult zebrafish ( <i>Danio rerio</i> ) tissues and cell structures. <i>Journal of Immunological Methods</i> , 2009, 346, 9-17.	0.6	9
71	A zebrafish model for nevus regeneration. <i>Pigment Cell and Melanoma Research</i> , 2011, 24, 378-381.	1.5	9
72	Highly penetrant melanoma in a zebrafish model is independent of ErbB3b signaling. <i>Pigment Cell and Melanoma Research</i> , 2012, 25, 287-289.	1.5	9

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73	Targeting oncogenic Ras by the <i>Clostridium perfringens</i> toxin TpeL. <i>Oncotarget</i> , 2018, 9, 16489-16500.	0.8	9
74	Changes in the Expression of Pre-Replicative Complex Genes in hTERT and ALT Pediatric Brain Tumors. <i>Cancers</i> , 2020, 12, 1028.	1.7	8
75	Localization of Dopamine Receptors in the Rabbit Renal Artery: A Histoautoradiographic Study. <i>Pharmacology</i> , 1984, 29, 17-23.	0.9	7
76	Uptake of 5-hydroxydopamine into non-sympathetic nerves of guinea-pig uterine artery in late pregnancy. <i>Journal of Neurocytology</i> , 1993, 22, 164-175.	1.6	7
77	How do developing cortical neurones know where to go?. <i>Trends in Neurosciences</i> , 1994, 17, 443-445.	4.2	7
78	EuFishBioMed (COST Action BM0804): A European Network to Promote the Use of Small Fishes in Biomedical Research. <i>Zebrafish</i> , 2012, 9, 90-93.	0.5	7
79	Expression of <i>pcp4a</i> in subpopulations of CNS neurons in zebrafish. <i>Journal of Comparative Neurology</i> , 2006, 495, 769-787.	0.9	6
80	Nano-Sampling and Reporter Tools to Study Metabolic Regulation in Zebrafish. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 15.	1.8	6
81	Development of Hras-Induced Zebrafish Leukemia Models. <i>Blood</i> , 2015, 126, 2459-2459.	0.6	5
82	Novel Transgenic Lines to Fluorescently Label Clathrin and Caveolin Endosomes in Live Zebrafish. <i>Zebrafish</i> , 2015, 12, 202-203.	0.5	4
83	(3H)-spiroperidol binding sites in the rabbit splenic artery. <i>Basic Research in Cardiology</i> , 1984, 79, 80-85.	2.5	3
84	Segmental distribution and gestational changes of GABA-transaminase activity in the rat oviduct. <i>Reproduction</i> , 1986, 78, 593-599.	1.1	3
85	Characterization of the Regulatory Region of the Zebrafish <i>Prep1.1</i> Gene: Analogies to the Promoter of the Human <i>PREP1</i> . <i>PLoS ONE</i> , 2010, 5, e15047.	1.1	3
86	Zebrafish Melanoma-Derived Interstitial EVs Are Carriers of ncRNAs That Induce Inflammation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5510.	1.8	3
87	Melanoma niche formation: it is all about melanosomes making <i>CAF</i> s. <i>Pigment Cell and Melanoma Research</i> , 2017, 30, 8-10.	1.5	2
88	Rad21 Haploinsufficiency Prevents ALT-Associated Phenotypes in Zebrafish Brain Tumors. <i>Genes</i> , 2020, 11, 1442.	1.0	2
89	Insights from Genetic Models of Melanoma in Fish. <i>Current Pathobiology Reports</i> , 2014, 2, 85-92.	1.6	1
90	Protocol for improving the morphology of frozen sections of nervous and muscular tissue. <i>Italian Journal of Neurological Sciences</i> , 1984, 5, 99-99.	0.1	0

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91	Fishing for melanoma markers through comparative transcriptome analysis. Pigment Cell and Melanoma Research, 2012, 25, 709-710.	1.5	0