

Michael R M Harrison

List of Publications by Year in descending order

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16
papers

745
citations

840728

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940516

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all docs

17
docs citations

17
times ranked

1357
citing authors

#	ARTICLE	IF	CITATIONS
1	Igf Signaling is Required for Cardiomyocyte Proliferation during Zebrafish Heart Development and Regeneration. PLoS ONE, 2013, 8, e67266.	2.5	124
2	Chemokine-Guided Angiogenesis Directs Coronary Vasculature Formation in Zebrafish. Developmental Cell, 2015, 33, 442-454.	7.0	117
3	Identification of compounds with anti-convulsant properties in a zebrafish model of epileptic seizures. DMM Disease Models and Mechanisms, 2012, 5, 773-84.	2.4	110
4	The epigenetic regulator Histone Deacetylase 1 promotes transcription of a core neurogenic programme in zebrafish embryos. BMC Genomics, 2011, 12, 24.	2.8	60
5	Shear Stress-Activated Wnt-Angiopoietin-2 Signaling Recapitulates Vascular Repair in Zebrafish Embryos. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2268-2275.	2.4	58
6	Late developing cardiac lymphatic vasculature supports adult zebrafish heart function and regeneration. ELife, 2019, 8, .	6.0	54
7	CRISPR/Cas9-mediated precise genome modification by a long ssDNA template in zebrafish. BMC Genomics, 2020, 21, 67.	2.8	45
8	Heart repair and regeneration: Recent insights from zebrafish studies. Wound Repair and Regeneration, 2012, 20, 638-646.	3.0	44
9	Cardiac Regeneration in Model Organisms. Current Treatment Options in Cardiovascular Medicine, 2014, 16, 288.	0.9	39
10	Fetal gene transfer by transuterine injection of cationic liposome-DNA complexes. Nature Biotechnology, 1999, 17, 1188-1192.	17.5	32
11	Magnetic Compression Anastomosis (Magnamosis) for Functional Undiversion of Ileostomy in Pediatric Patients. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2017, 27, 1314-1317.	1.0	19
12	Extended culture and imaging of normal and regenerating adult zebrafish hearts in a fluidic device. Lab on A Chip, 2020, 20, 274-284.	6.0	11
13	High frequency photoacoustic imaging for in vivo visualizing blood flow of zebrafish heart. Optics Express, 2013, 21, 14636.	3.4	10
14	Opposing actions of histone deacetylase 1 and Notch signalling restrict expression of erm and fgf20a to hindbrain rhombomere centres during zebrafish neurogenesis. International Journal of Developmental Biology, 2011, 55, 597-602.	0.6	9
15	Heterogeneous <i>pdgfrb</i> cells regulate coronary vessel development and revascularization during heart regeneration. Development (Cambridge), 2022, 149, .	2.5	6
16	The Lymphatic System in Zebrafish Heart Development, Regeneration and Disease Modeling. Journal of Cardiovascular Development and Disease, 2021, 8, 21.	1.6	5