Tao Fu

List of Publications by Year
in descending order

14 papers	**251** citations	1307543 **7** h-index	1281846 **11** g-index
14 all docs	**14** docs citations	**14** times ranked	**215** citing authors

#	Article	IF	Citations
1	A Cabled Acoustic Telemetry System for Detecting and Tracking Juvenile Salmon: Part 2. Three-Dimensional Tracking and Passage Outcomes. Sensors, 2011, 11, 5661-5676.	3.8	56
2	A Cabled Acoustic Telemetry System for Detecting and Tracking Juvenile Salmon: Part 1. Engineering Design and Instrumentation. Sensors, 2011, 11, 5645-5660.	3.8	52
3	Assessing hydraulic conditions through Francis turbines using an autonomous sensor device. Renewable Energy, 2016, 99, 1244-1252.	8.9	48
4	A 3D approximate maximum likelihood solver for localization of fish implanted with acoustic transmitters. Scientific Reports, 2014, 4, 7215.	3.3	20
5	A Hydropower Biological Evaluation Toolset (HBET) for Characterizing Hydraulic Conditions and Impacts of Hydro-Structures on Fish. Energies, 2018, 11, 990.	3.1	20
6	Migration depth and residence time of juvenile salmonids in the forebays of hydropower dams prior to passage through turbines or juvenile bypass systems: implications for turbine-passage survival. , 2015, 3, cou064.		17
7	Three-dimensional tracking of juvenile salmon at a mid-reach location between two dams. Fisheries Research, 2015, 167, 216-224.	1.7	10
8	A Field Evaluation of an External and Neutrally Buoyant Acoustic Transmitter for Juvenile Salmon: Implications for Estimating Hydroturbine Passage Survival. PLoS ONE, 2013, 8, e77744.	2.5	8
9	Three-dimensional migration behavior of juvenile salmonids in reservoirs and near dams. Scientific Reports, 2018, 8, 956.	3.3	7
10	A large dataset of detection and submeter-accurate 3-D trajectories of juvenile Chinook salmon. Scientific Data, 2021, 8, 211.	5.3	4
11	Gambusia holbrooki Survive Shear Stress, Pressurization and Avoid Blade Strike in a Simulated Pumped Hydroelectric Scheme. Frontiers in Environmental Science, 2020, 8, .	3.3	4
12	Integrating Hybrid-Clustering and Localized Regression for Time Synchronization of a Hierarchical Underwater Acoustic Sensor Array. , 2019, , .		2
13	A Cloud-Based Decision Support System Framework for Hydropower Biological Evaluation. Advances in Intelligent Systems and Computing, 2019, , 517-529.	0.6	2
14	Localization of Southern Resident killer whales using two star arrays to support marine renewable energy. , 2012, , .		1