

Yuri Rzhanov

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

550
citations

933447

10
h-index

794594

19
g-index

28
all docs

28
docs citations

28
times ranked

747
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurements of juvenile Atlantic bluefin tuna (<i>Thunnus thynnus</i>) size using an unmanned aerial system. <i>Journal of Unmanned Vehicle Systems</i> , 2020, 8, 140-160.	1.2	4
2	Multi-Frequency, Multi-Sonar Mapping of Shallow Habitats' Efficacy and Management Implications in the National Marine Park of Zakynthos, Greece. <i>Remote Sensing</i> , 2019, 11, 461.	4.0	51
3	On the (im)possibility of color reconstruction in underwater images. , 2019, , .		0
4	Temperature, phenology, and turf macroalgae drive seascape change: Connections to mid-trophic level species. <i>Ecosphere</i> , 2019, 10, e02923.	2.2	13
5	Bottom characterization by using airborne lidar bathymetry (ALB) waveform features obtained from bottom return residual analysis. <i>Remote Sensing of Environment</i> , 2018, 206, 260-274.	11.0	33
6	Quantitative assessment of camera calibration for 3D reconstruction of underwater scenes in the presence of refraction. , 2018, , .		0
7	Position, Orientation and Velocity Detection of Unmanned Underwater Vehicles (UUVs) Using an Optical Detector Array. <i>Sensors</i> , 2017, 17, 1741.	3.8	27
8	Airborne Lidar Bathymetry (ALB) waveform analysis for bottom return characteristics. <i>Proceedings of SPIE</i> , 2016, , .	0.8	2
9	Optical Detector Array Design for Navigational Feedback Between Unmanned Underwater Vehicles (UUVs). <i>IEEE Journal of Oceanic Engineering</i> , 2016, 41, 18-26.	3.8	9
10	Comparison of manual and semi-automatic underwater imagery analyses for monitoring of benthic hard-bottom organisms at offshore renewable energy installations. <i>Hydrobiologia</i> , 2015, 756, 139-153.	2.0	9
11	Probabilistic reconstruction of color for species' classification underwater. , 2015, , .		1
12	Binary adaptive semi-global matching based on image edges. <i>Proceedings of SPIE</i> , 2015, , .	0.8	1
13	Modeling Uncertainty in Photogrammetry-Derived National Shoreline. <i>Marine Geodesy</i> , 2015, 38, 128-145.	2.0	11
14	Acoustic estimates of methane gas flux from the seabed in a 6000 km ² region in the Northern Gulf of Mexico. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 1911-1925.	2.5	78
15	Dense reconstruction of underwater scenes from monocular sequences of images. , 2014, , .		1
16	An image processing approach for determining the relative pose of unmanned underwater vehicles. , 2014, , .		2
17	Pose detection and control of multiple Unmanned Underwater Vehicles (UUVs) using optical feedback. , 2014, , .		2
18	Application of landscape mosaics for the assessment of subtidal macroalgae communities using the CFR index. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 106, 207-215.	1.4	8

#	ARTICLE	IF	CITATIONS
19	Assessing the Impact of Windfarms in Subtidal, Exposed Marine Areas. <i>Humanity and the Sea</i> , 2014, , 39-48.	0.5	3
20	Photo-mosaicing of images of pipe inner surface. <i>Signal, Image and Video Processing</i> , 2013, 7, 865-871.	2.7	5
21	Pushbroom-Frame Imagery Co-Registration. <i>Marine Geodesy</i> , 2012, 35, 141-157.	2.0	5
22	Measurement of micro-bathymetry with a GOPRO underwater stereo camera pair. , 2012, , .		15
23	Construction of seafloor thematic maps from multibeam acoustic backscatter angular response data. <i>Computers and Geosciences</i> , 2012, 41, 181-187.	4.2	41
24	LIDAR-Derived National Shoreline: Empirical and Stochastic Uncertainty Analyses. <i>Journal of Coastal Research</i> , 2011, 62, 62-74.	0.3	30
25	Angular range analysis of acoustic themes from Stanton Banks Ireland: A link between visual interpretation and multibeam echosounder angular signatures. <i>Applied Acoustics</i> , 2009, 70, 1298-1304.	3.3	131
26	Drowned shelf-edge deltas, barrier islands and related features along the outer continental shelf north of the head of De Soto Canyon, NE Gulf of Mexico. <i>Geomorphology</i> , 2007, 89, 370-390.	2.6	50
27	Optimal Image Blending for Underwater Mosaics. , 2006, , .		14