

Rosalia Maglietta

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,079
citations

361413

20
h-index

454955

30
g-index

72
all docs

72
docs citations

72
times ranked

1404
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavioral Pattern of Risso's Dolphin (<i>Grampus griseus</i>) in the Gulf of Taranto (Northern Ionian Sea), Tj ETQq1 1 0.784314 rgBT /Overlock	2.6	17
2	Assessment of cetacean-fishery interactions in the marine food web of the Gulf of Taranto (Northern Ionian Sea, Central Mediterranean Sea). <i>Reviews in Fish Biology and Fisheries</i> , 2021, 31, 135-156.	4.9	36
3	Managing multiple pressures for cetaceans' conservation with an Ecosystem-Based Marine Spatial Planning approach. <i>Journal of Environmental Management</i> , 2021, 287, 112240.	7.8	35
4	Developing a protocol for the photo-identification of striped dolphin in the Gulf of Taranto (Northern Ionian Sea, Central Mediterranean Sea). , 2021, , .		0
5	Multimodal data fusion and analysis for cetaceans' presence and abundance estimation in the Gulf of Taranto. , 2021, , .		1
6	Impact of cetacean watching vessels on Risso's dolphins behaviour in the Gulf of Taranto: preliminary information to regulate dolphin watching. , 2021, , .		3
7	Reliability of Unmanned Aerial Vehicles for the groups size estimation of <i>Grampus griseus</i> (Cuvier), Tj ETQq1 1 0.784314 rgBT /Overlock		
8	Contour extraction algorithm for the automated photo-identification of dolphins. , 2021, , .		1
9	Comparative analysis of multimodal feature-based 3D point cloud stitching techniques for aeronautic applications. , 2020, , .		6
10	Exploring data from an individual stranding of a Cuvier's beaked whale in the Gulf of Taranto (Northern Ionian Sea, Central-eastern Mediterranean Sea). <i>Journal of Experimental Marine Biology and Ecology</i> , 2020, 533, 151473.	1.5	25
11	The Social Role of Vocal Complexity in Striped Dolphins. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	21
12	Convolutional Neural Networks for Risso's Dolphins Identification. <i>IEEE Access</i> , 2020, 8, 80195-80206.	4.2	26
13	Combined Color Semantics and Deep Learning for the Automatic Detection of Dolphin Dorsal Fins. <i>Electronics (Switzerland)</i> , 2020, 9, 758.	3.1	18
14	Spatial distribution modelling of striped dolphin (<i>Stenella coeruleoalba</i>) at different geographical scales within the EU Adriatic and Ionian Sea Region, central-eastern Mediterranean Sea. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 1194-1207.	2.0	39
15	Density and Abundance of <i>Delphinus delphis</i> in Waters South of Samos Island, Greece (Eastern) Tj ETQq1 1 0.784314 rgBT /Overlock	2.6	8
16	A Novel Approach for the Automatic Estimation of the Ciliated Cell Beating Frequency. <i>Electronics (Switzerland)</i> , 2020, 9, 1002.	3.1	3
17	A Novel Approach for Biofilm Detection Based on a Convolutional Neural Network. <i>Electronics (Switzerland)</i> , 2020, 9, 881.	3.1	15
18	Residency patterns and site fidelity of <i>Grampus griseus</i> (Cuvier, 1812) in the Gulf of Taranto (Northern) Tj ETQq0 0 0.0 rgBT /Overlock	1.3	27

#	ARTICLE	IF	CITATIONS
19	Innovative classification of dolphins using deep neural networks and GrabCut. , 2020, , .		0
20	RhinoSmart: a smartphone based system for rhino-cell segmentation. , 2020, , .		0
21	A SIFT-based software system for the photo-identification of the Risso's dolphin. Ecological Informatics, 2019, 50, 95-101.	5.2	31
22	Pruritus characteristics in a large Italian cohort of psoriatic patients. Journal of the European Academy of Dermatology and Venereology, 2019, 33, 1316-1324.	2.4	46
23	Predictive models for abundance estimation and distribution maps of the striped dolphin <i>Stenella coeruleoalba</i> and the bottlenose dolphin <i>Tursiops truncatus</i> in the Northern Ionian Sea (North-eastern Central Mediterranean). , 2019, , .		3
24	A vision-based system for robotic inspection of marine vessels. Signal, Image and Video Processing, 2018, 12, 471-478.	2.7	19
25	Site fidelity, residency and habitat use of the Risso's dolphin <i>Grampus griseus</i> in the Gulf of Taranto (Northern Ionian Sea, Central-eastern Mediterranean Sea) by photo-identification. , 2018, , .		13
26	EMISSION RATE OF ACOUSTIC SIGNALS FOR THE COMMON BOTTLENOSE AND STRIPED DOLPHINS IN THE GULF OF TARANTO (NORTHERN IONIAN SEA, CENTRAL-EASTERN MEDITERRANEAN SEA). , 2018, , .		4
27	DolFin: an innovative digital platform for studying Risso's dolphins in the Northern Ionian Sea (North-eastern Central Mediterranean). Scientific Reports, 2018, 8, 17185.	3.3	31
28	The promise of machine learning in the Risso's dolphin <i>Grampus griseus</i> photo-identification. , 2018, , .		5
29	Exploiting species-distinctive visual cues towards the automated photo-identification of the Risso's dolphin <i>Grampus griseus</i> . , 2018, , .		3
30	Multi source data analysis for improving striped dolphin distribution modelling at a regional scale. , 2018, , .		2
31	Robotic inspection of ship hull surfaces using a magnetic crawler and a monocular camera. Sensor Review, 2017, 37, 425-435.	1.8	15
32	Review on research studies and monitoring system applied to cetaceans in the gulf of taranto (northern ionian sea, central-eastern mediterranean sea). , 2017, , .		12
33	Automated hippocampal segmentation in 3D MRI using random undersampling with boosting algorithm. Pattern Analysis and Applications, 2016, 19, 579-591.	4.6	24
34	The Immune Landscapes of Polypoid and Nonpolypoid Precancerous Colorectal Lesions. PLoS ONE, 2016, 11, e0159373.	2.5	14
35	Multiple RF classifier for the hippocampus segmentation: Method and validation on EADC-ADNI Harmonized Hippocampal Protocol. Physica Medica, 2015, 31, 1085-1091.	0.7	15
36	Genome-wide Pathway Analysis Using Gene Expression Data of Colonic Mucosa in Patients with Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2015, 21, 1.	1.9	22

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37	Feature Selection Based on Machine Learning in MRIs for Hippocampal Segmentation. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-10.	1.3	25
38	Parallel selective sampling method for imbalanced and large data classification. Pattern Recognition Letters, 2015, 62, 61-67.	4.2	47
39	Systematic analysis of circadian genes using genome-wide cDNA microarrays in the inflammatory bowel disease transcriptome. Chronobiology International, 2015, 32, 903-916.	2.0	50
40	Automated voxel-by-voxel tissue classification for hippocampal segmentation: Methods and validation. Physica Medica, 2014, 30, 878-887.	0.7	31
41	Random Forest Classification for Hippocampal Segmentation in 3D MR Images. , 2013, , .		9
42	The expression of leucine-rich repeat gene family members in colorectal cancer. Experimental Biology and Medicine, 2012, 237, 1123-1128.	2.4	18
43	Molecular pathways undergoing dramatic transcriptomic changes during tumor development in the human colon. BMC Cancer, 2012, 12, 608.	2.6	16
44	miRNA-mRNA integrated pathway analysis: an application to colorectal cancer. EMBnet Journal, 2012, 18, 129.	0.6	0
45	Topological analysis of co-expression networks in neoplastic tissues. EMBnet Journal, 2012, 18, 127.	0.6	0
46	Dissection of the Crohn's Disease Transcriptome of 71 Loci Using Genome-Wide Microarrays. Gastroenterology, 2011, 140, S-272-S-273.	1.3	0
47	Discovering genetic variants in Crohn's disease by exploring genomic regions enriched of weak association signals. Digestive and Liver Disease, 2011, 43, 623-631.	0.9	5
48	Dissecting the mucosal expression of human leucine-rich repeat family genes in inflammatory bowel disease patients. Inflammatory Bowel Diseases, 2011, 17, 1834-1835.	1.9	1
49	On classification of signals represented with data-dependent overcomplete dictionaries. International Journal of General Systems, 2011, 40, 854-882.	2.5	0
50	On the reproducibility of results of pathway analysis in genome-wide expression studies of colorectal cancers. Journal of Biomedical Informatics, 2010, 43, 397-406.	4.3	12
51	T1717 The Combined Analysis of miRNA and mRNA Expression Levels in Normal and Neoplastic Colorectal Tissues Allows the Identification of Putative miRNA Target Transcripts. Gastroenterology, 2010, 138, S-564.	1.3	0
52	OC.06.4 IDENTIFICATION OF MIRNA TARGET TRANSCRIPTS BY COMBINED ANALYSIS OF MIRNA AND MRNA EXPRESSION LEVELS IN NORMAL AND NEOPLASTIC COLORECTAL TISSUES. Digestive and Liver Disease, 2010, 42, S84-S85.	0.9	1
53	Comparative study of gene set enrichment methods. BMC Bioinformatics, 2009, 10, 275.	2.6	102
54	Statistical assessment of discriminative features for protein-coding and non coding cross-species conserved sequence elements. BMC Bioinformatics, 2009, 10, S2.	2.6	2

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55	Association of genetic profiles to Crohn's disease by linear combinations of single nucleotide polymorphisms. <i>Artificial Intelligence in Medicine</i> , 2009, 46, 131-138.	6.5	3
56	Promoter methylation correlates with reduced NDRG2 expression in advanced colon tumour. <i>BMC Medical Genomics</i> , 2009, 2, 11.	1.5	32
57	HT-RLS: High-Throughput Web Tool for Analysis of DNA Microarray Data Using RLS classifiers. , 2008, , .		0
58	Biological and functional analysis of statistically significant pathways deregulated in colon cancer by using gene expression profiles. <i>International Journal of Biological Sciences</i> , 2008, 4, 368-378.	6.4	5
59	Statistical assessment of functional categories of genes deregulated in pathological conditions by using microarray data. <i>Bioinformatics</i> , 2007, 23, 2063-2072.	4.1	22
60	P144 REGULARIZED LEAST SQUARES CLASSIFIERS MAY PREDICT CROHN'S DISEASE FROM PROFILES OF SINGLE NUCLEOTIDE POLYMORPHISMS. <i>Journal of Crohn S and Colitis Supplements</i> , 2007, 1, 41.	0.0	0
61	Regularized Least Squares Classifiers may Predict Crohn's Disease from Profiles of Single Nucleotide Polymorphisms. <i>Annals of Human Genetics</i> , 2007, 71, 537-549.	0.8	6
62	Selection of relevant genes in cancer diagnosis based on their prediction accuracy. <i>Artificial Intelligence in Medicine</i> , 2007, 40, 29-44.	6.5	32
63	Estimating the statistical significance of classifiers by varying the number of genes. , 2006, , .		0
64	Data representations and generalization error in kernel based learning machines. <i>Pattern Recognition</i> , 2006, 39, 1588-1603.	8.1	24
65	On the statistical assessment of classifiers using DNA microarray data. <i>BMC Bioinformatics</i> , 2006, 7, 387.	2.6	56
66	Classification error as a measure of gene relevance in cancer diagnosis. , 2006, , .		1
67	Regularized Least Squares Cancer Classifiers from DNA microarray data. <i>BMC Bioinformatics</i> , 2005, 6, S2.	2.6	29
68	Supervised algorithms for particle classification by a transition radiation detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 510, 362-370.	1.6	7
69	Sparse representations and performances in support vector machines. , 0, , .		1