

Rosalia Maglietta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1715541/publications.pdf>

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	Comparative study of gene set enrichment methods. BMC Bioinformatics, 2009, 10, 275.	2.6	102
2	On the statistical assessment of classifiers using DNA microarray data. BMC Bioinformatics, 2006, 7, 387.	2.6	56
3	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
4	Parallel selective sampling method for imbalanced and large data classification. Pattern Recognition Letters, 2015, 62, 61-67.	4.2	47
5	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
6	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. Aquatic Conservation: Marine and Freshwater Ecosystems, 2020, 30, 1194-1207.	2.0	39
7	Assessment of cetacean-fishery interactions in the marine food web of the Gulf of Taranto (Northern Ionian Sea, Central Mediterranean Sea). Reviews in Fish Biology and Fisheries, 2021, 31, 135-156.	4.9	36
8	Managing multiple pressures for cetaceans' conservation with an Ecosystem-Based Marine Spatial Planning approach. Journal of Environmental Management, 2021, 287, 112240.	7.8	35
9	Selection of relevant genes in cancer diagnosis based on their prediction accuracy. Artificial Intelligence in Medicine, 2007, 40, 29-44.	6.5	32
10	Promoter methylation correlates with reduced NDRG2 expression in advanced colon tumour. BMC Medical Genomics, 2009, 2, 11.	1.5	32
11	Automated voxel-by-voxel tissue classification for hippocampal segmentation: Methods and validation. Physica Medica, 2014, 30, 878-887.	0.7	31
12	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
13	A SIFT-based software system for the photo-identification of the Risso's dolphin. Ecological Informatics, 2019, 50, 95-101.	5.2	31
14	Regularized Least Squares Cancer Classifiers from DNA microarray data. BMC Bioinformatics, 2005, 6, S2.	2.6	29
15	Residency patterns and site fidelity of <i>Grampus griseus</i> (Cuvier, 1812) in the Gulf of Taranto (Northern) Tj ETQq1 1_0,784314,rgBT /Ove 1.3 27		
16	Convolutional Neural Networks for Risso's Dolphins Identification. IEEE Access, 2020, 8, 80195-80206.	4.2	26
17	Feature Selection Based on Machine Learning in MRIs for Hippocampal Segmentation. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-10.	1.3	25
18	Exploring data from an individual stranding of a Cuvier's beaked whale in the Gulf of Taranto (Northern Ionian Sea, Central-eastern Mediterranean Sea). Journal of Experimental Marine Biology and Ecology, 2020, 533, 151473.	1.5	25

#	ARTICLE	IF	CITATIONS
19	Data representations and generalization error in kernel based learning machines. Pattern Recognition, 2006, 39, 1588-1603.	8.1	24
20	Automated hippocampal segmentation in 3D MRI using random undersampling with boosting algorithm. Pattern Analysis and Applications, 2016, 19, 579-591.	4.6	24
21	Statistical assessment of functional categories of genes deregulated in pathological conditions by using microarray data. Bioinformatics, 2007, 23, 2063-2072.	4.1	22
22	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
23	The Social Role of Vocal Complexity in Striped Dolphins. Frontiers in Marine Science, 2020, 7, .	2.5	21
24	A vision-based system for robotic inspection of marine vessels. Signal, Image and Video Processing, 2018, 12, 471-478.	2.7	19
25	The expression of leucine-rich repeat gene family members in colorectal cancer. Experimental Biology and Medicine, 2012, 237, 1123-1128.	2.4	18
26	Combined Color Semantics and Deep Learning for the Automatic Detection of Dolphin Dorsal Fins. Electronics (Switzerland), 2020, 9, 758.	3.1	18
27	Behavioral Pattern of Risso's Dolphin (<i>Grampus griseus</i>) in the Gulf of Taranto (Northern Ionian Sea.) Tj ETQq1 1 0.784314 rgBT / 2.6 17	2.6	17
28	Molecular pathways undergoing dramatic transcriptomic changes during tumor development in the human colon. BMC Cancer, 2012, 12, 608.	2.6	16
29	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
30	Robotic inspection of ship hull surfaces using a magnetic crawler and a monocular camera. Sensor Review, 2017, 37, 425-435.	1.8	15
31	A Novel Approach for Biofilm Detection Based on a Convolutional Neural Network. Electronics (Switzerland), 2020, 9, 881.	3.1	15
32	The Immune Landscapes of Polypoid and Nonpolypoid Precancerous Colorectal Lesions. PLoS ONE, 2016, 11, e0159373.	2.5	14
33	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
34	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
35	Review on research studies and monitoring system applied to cetaceans in the gulf of taranto (northern ionian sea, central-eastern mediterranean sea). , 2017, , .		12
36	Random Forest Classification for Hippocampal Segmentation in 3D MR Images. , 2013, , .		9

#	ARTICLE	IF	CITATIONS
37	Density and Abundance of Delphinus delphis in Waters South of Samos Island, Greece (Eastern Tj ETQq1 1 0.784314 rgBT /Qverlock 10	2.6	8
38	Supervised algorithms for particle classification by a transition radiation detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 510, 362-370.	1.6	7
39	Regularized Least Squares Classifiers may Predict Crohn's Disease from Profiles of Single Nucleotide Polymorphisms. Annals of Human Genetics, 2007, 71, 537-549.	0.8	6
40	Comparative analysis of multimodal feature-based 3D point cloud stitching techniques for aeronautic applications. , 2020, , .		6
41	Biological and functional analysis of statistically significant pathways deregulated in colon cancer by using gene expression profiles. International Journal of Biological Sciences, 2008, 4, 368-378.	6.4	5
42	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
43	The promise of machine learning in the Rissoâ€™s dolphin Grampus griseus photo-identification. , 2018, , .		5
44	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
45	Association of genetic profiles to Crohnâ€™s disease by linear combinations of single nucleotide polymorphisms. Artificial Intelligence in Medicine, 2009, 46, 131-138.	6.5	3
46	Exploiting species-distinctive visual cues towards the automated photo-identification of the Rissoâ€™s dolphin Grampus griseus. , 2018, , .		3
47	A Novel Approach for the Automatic Estimation of the Ciliated Cell Beating Frequency. Electronics (Switzerland), 2020, 9, 1002.	3.1	3
48	Predictive models for abundance estimation and distribution maps of the striped dolphin Stenella coeruleoalba and the bottlenose dolphin Tursiops truncatus in the Northern Ionian Sea (North-eastern Central Mediterranean). , 2019, , .		3
49	Impact of cetacean watching vessels on Rissoâ€™s dolphins behaviour in the Gulf of Taranto: preliminary information to regulate dolphin watching. , 2021, , .		3
50	Statistical assessment of discriminative features for protein-coding and non coding cross-species conserved sequence elements. BMC Bioinformatics, 2009, 10, S2.	2.6	2
51	Multi source data analysis for improving striped dolphin distribution modelling at a regional scale. , 2018, , .		2
52	Reliability of Unmanned Aerial Vehicles for the groups size estimation of Grampus griseus (Cuvier,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		2
53	Sparse representations and performances in support vector machines. , 0, , .		1
54	Classification error as a measure of gene relevance in cancer diagnosis. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	Multimodal data fusion and analysis for cetaceans™ presence and abundance estimation in the Gulf of Taranto. , 2021, , .		1
58	Contour extraction algorithm for the automated photo-identification of dolphins. , 2021, , .		1
59	Estimating the statistical significance of classifiers by varying the number of genes. , 2006, , .		0
60	P144 REGULARIZED LEAST SQUARES CLASSIFIERS MAY PREDICT CROHN'S DISEASE FROM PROFILES OF SINGLE NUCLEOTIDE POLYMORPHISMS. Journal of Crohn S and Colitis Supplements, 2007, 1, 41.	0.0	0
61	HT-RLS: High-Throughput Web Tool for Analysis of DNA Microarray Data Using RLS classifiers. , 2008, , .		0
62	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
63	Dissection of the Crohn's Disease Transcriptome of 71 Loci Using Genome-Wide Microarrays. Gastroenterology, 2011, 140, S-272-S-273.	1.3	0
64	On classification of signals represented with data-dependent overcomplete dictionaries. International Journal of General Systems, 2011, 40, 854-882.	2.5	0
65	miRNA-mRNA integrated pathway analysis: an application to colorectal cancer. EMBnet Journal, 2012, 18, 129.	0.6	0
66	Topological analysis of co-expression networks in neoplastic tissues. EMBnet Journal, 2012, 18, 127.	0.6	0
67	Innovative classification of dolphins using deep neural networks and GrabCut. , 2020, , .		0
68	RhinoSmart: a smartphone based system for rhino-cell segmentation. , 2020, , .		0
69	Developing a protocol for the photo-identification of striped dolphin in the Gulf of Taranto (Northern Ionian Sea, Central Mediterranean Sea). , 2021, , .		0