

Molecular Ecology Resources Primer De

List of Publications by Year in descending order

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Version: 2024-02-01

212
papers

8,737
citations

53794

45
h-index

66911

78
g-index

215
all docs

215
docs citations

215
times ranked

12476
citing authors

#	ARTICLE	IF	CITATIONS
1	A decade of Predictions in Ungauged Basins (PUB)â€”a review. Hydrological Sciences Journal, 2013, 58, 1198-1255.	2.6	821
2	â€œPanta Rheiâ€”Everything Flowsâ€”Change in hydrology and societyâ€”The IAHS Scientific Decade 2013â€”2022. Hydrological Sciences Journal, 2013, 58, 1256-1275.	2.6	569
3	Global marine primary production constrains fisheries catches. Ecology Letters, 2010, 13, 495-505.	6.4	357
4	Global overview of the applications of the Ecopath with Ecosim modeling approach using the EcoBase models repository. Ecological Modelling, 2015, 302, 42-53.	2.5	211
5	Validation of a new in vitro dynamic system to simulate infant digestion. Food Chemistry, 2014, 145, 1039-1045.	8.2	164
6	A Regulatory Network-Based Approach Dissects Late Maturation Processes Related to the Acquisition of Desiccation Tolerance and Longevity of Medicago truncatula Seeds. Plant Physiology, 2013, 163, 757-774.	4.8	155
7	Size matters: How single-species management can contribute to ecosystem-based fisheries management. Fisheries Research, 2008, 92, 231-241.	1.7	143
8	LEA polypeptide profiling of recalcitrant and orthodox legume seeds reveals ABI3-regulated LEA protein abundance linked to desiccation tolerance. Journal of Experimental Botany, 2013, 64, 4559-4573.	4.8	120
9	Ecological indicators to capture the effects of fishing on biodiversity and conservation status of marine ecosystems. Ecological Indicators, 2016, 60, 947-962.	6.3	120
10	Eating up the worldâ€™s food web and the human trophic level. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20617-20620.	7.1	110
11	Identifying fishing trip behaviour and estimating fishing effort from VMS data using Bayesian Hidden Markov Models. Ecological Modelling, 2010, 221, 1757-1769.	2.5	97
12	Minimizing the impact of fishing. Fish and Fisheries, 2016, 17, 785-802.	5.3	93
13	Construction and evaluation of confidence ellipses applied at sensory data. Food Quality and Preference, 2013, 28, 106-115.	4.6	91
14	Factors affecting the detection distances of reef fish: implications for visual counts. Marine Biology, 2011, 158, 969-981.	1.5	88
15	Handling Missing Values with Regularized Iterative Multiple Correspondence Analysis. Journal of Classification, 2012, 29, 91-116.	2.2	84
16	Invited review: Reduced milking frequency: Milk production and management implications. Journal of Dairy Science, 2013, 96, 3401-3413.	3.4	81
17	Solute transport dynamics in small, shallow groundwater-dominated agricultural catchments: insights from a high-frequency, multisolute 10 yr-long monitoring study. Hydrology and Earth System Sciences, 2013, 17, 1379-1391.	4.9	79
18	Fishing impact and environmental status in European seas: a diagnosis from stock assessments and ecosystem indicators. Fish and Fisheries, 2016, 17, 31-55.	5.3	78

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19	Evolution of a Complex Disease Resistance Gene Cluster in Diploid <i>Phaseolus</i> and Tetraploid <i>Glycine</i> . <i>Plant Physiology</i> , 2012, 159, 336-354.	4.8	76
20	Modelling dynamic ecosystems: venturing beyond boundaries with the Ecopath approach. <i>Reviews in Fish Biology and Fisheries</i> , 2015, 25, 413-424.	4.9	73
21	EcoTroph: Modelling marine ecosystem functioning and impact of fishing. <i>Ecological Modelling</i> , 2009, 220, 2885-2898.	2.5	67
22	Optimizing illumination in the greenhouse using a 3D model of tomato and a ray tracer. <i>Frontiers in Plant Science</i> , 2014, 5, 48.	3.6	66
23	Partial resistance to clubroot in <i>Arabidopsis</i> is based on changes in the host primary metabolism and targeted cell division and expansion capacity. <i>Functional and Integrative Genomics</i> , 2013, 13, 191-205.	3.5	64
24	Trophic flow kinetics in marine ecosystems: Toward a theoretical approach to ecosystem functioning. <i>Ecological Modelling</i> , 2008, 217, 33-47.	2.5	63
25	Shape, Shell, and Vacuole Formation during the Drying of a Single Concentrated Whey Protein Droplet. <i>Langmuir</i> , 2013, 29, 15606-15613.	3.5	63
26	Estimates of the mortality and the duration of the transatlantic migration of European eel <i>Anguilla anguilla</i> leptocephali using a particle tracking model. <i>Journal of Fish Biology</i> , 2009, 74, 1891-1914.	1.6	62
27	Extrapolation at regional scale of local soil knowledge using boosted classification trees: A two-step approach. <i>Geoderma</i> , 2012, 171-172, 75-84.	5.1	62
28	Identification of molecular markers for DNA barcoding in the Aphidiinae (Hym. Braconidae). <i>Molecular Ecology Resources</i> , 2012, 12, 197-208.	4.8	62
29	The trophic-level-based ecosystem modelling approach: theoretical overview and practical uses. <i>ICES Journal of Marine Science</i> , 2011, 68, 1403-1416.	2.5	61
30	Gibberellins regulate the transcription of the continuous flowering regulator, RoKSN, a rose TFL1 homologue. <i>Journal of Experimental Botany</i> , 2012, 63, 6543-6554.	4.8	61
31	Identification and characterization of functional centromeres of the common bean. <i>Plant Journal</i> , 2013, 76, 47-60.	5.7	61
32	Hydrologically driven seasonal changes in the sources and production mechanisms of dissolved organic carbon in a small lowland catchment. <i>Water Resources Research</i> , 2013, 49, 5792-5803.	4.2	60
33	Towards a better control of dairy powder rehydration processes. <i>International Dairy Journal</i> , 2013, 31, 18-28.	3.0	58
34	A success story: water primroses, aquatic plant pests. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2013, 23, 790-803.	2.0	57
35	Shifting baselines in European fisheries: The case of the Celtic Sea and Bay of Biscay. <i>Ocean and Coastal Management</i> , 2012, 70, 10-21.	4.4	55
36	An ecosystem approach for the assessment of fisheries impacts on marine top predators: the Bay of Biscay case study. <i>ICES Journal of Marine Science</i> , 2012, 69, 925-938.	2.5	55

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37	Arginase Induction Represses Gall Development During Clubroot Infection in Arabidopsis. <i>Plant and Cell Physiology</i> , 2012, 53, 901-911.	3.1	52
38	Differential Selection on Carotenoid Biosynthesis Genes as a Function of Gene Position in the Metabolic Pathway: A Study on the Carrot and Dicots. <i>PLoS ONE</i> , 2012, 7, e38724.	2.5	51
39	Towards a new classification system for legumes: Progress report from the 6th International Legume Conference. <i>South African Journal of Botany</i> , 2013, 89, 3-9.	2.5	51
40	Carotenoid Content and Root Color of Cultivated Carrot: A Candidate-Gene Association Study Using an Original Broad Unstructured Population. <i>PLoS ONE</i> , 2015, 10, e0116674.	2.5	51
41	EDS1 Contributes to Nonhost Resistance of <i>Arabidopsis thaliana</i> Against <i>Erwinia amylovora</i> . <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 421-430.	2.6	50
42	Ecological assessment of French Atlantic lakes based on phytoplankton, phytobenthos and macrophytes. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 4685-4708.	2.7	50
43	Weed dispersal by farming at various spatial scales. A review. <i>Agronomy for Sustainable Development</i> , 2013, 33, 205-217.	5.3	50
44	Collapse of allis shad, <i>Alosa alosa</i> , in the Gironde system (southwest France): environmental change, fishing mortality, or Allee effect?. <i>ICES Journal of Marine Science</i> , 2012, 69, 1802-1811.	2.5	48
45	Migration and dispersal may drive to high genetic variation and significant genetic mixing: the case of two agriculturally important, continental hoverflies (<i>Pisyrphus balteatus</i> and <i>P. turgidus</i>). <i>Journal of Applied Ecology</i> , 2013, 50, 108-114.	1.9	48
46	Hen Egg White Lysozyme Permeabilizes <i>Escherichia coli</i> Outer and Inner Membranes. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 9922-9929.	5.2	48
47	Environmental impacts of farms integrating aquaculture and agriculture in Cameroon. <i>Journal of Cleaner Production</i> , 2012, 28, 208-214.	9.3	47
48	Comparative effects of well-balanced diets enriched in ω -3-linolenic or linoleic acids on LC-PUFA metabolism in rat tissues. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013, 88, 383-389.	2.2	46
49	SyNE: An improved indicator to assess nitrogen efficiency of farming systems. <i>Agricultural Systems</i> , 2014, 127, 41-52.	6.1	46
50	Modelling the effects of fishing on the biomass of the world's oceans from 1950 to 2006. <i>Marine Ecology - Progress Series</i> , 2011, 442, 169-185.	1.9	46
51	Coupling hydrodynamic and individual-based models to simulate long-term larval supply to coastal nursery areas. <i>Fisheries Oceanography</i> , 2012, 21, 229-242.	1.7	45
52	Spray drying of dairy bacteria: New opportunities to improve the viability of bacteria powders. <i>International Dairy Journal</i> , 2013, 31, 12-17.	3.0	45
53	What is the most prominent factor limiting photosynthesis in different layers of a greenhouse cucumber canopy?. <i>Annals of Botany</i> , 2014, 114, 677-688.	2.9	45
54	Impacts of light and temperature on shoot branching gradient and expression of strigolactone synthesis and signalling genes in rose. <i>Plant, Cell and Environment</i> , 2014, 37, 742-757.	5.7	45

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55	A guide for choosing the most appropriate method for multi-criteria assessment of agricultural systems according to decision-makers'™ expectations. <i>Agricultural Systems</i> , 2013, 115, 51-62.	6.1	44
56	Exploring sustainable farming scenarios at a regional scale: an application to dairy farms in Brittany. <i>Journal of Cleaner Production</i> , 2012, 28, 160-167.	9.3	43
57	Analysis of Allele-Specific Expression in Mouse Liver by RNA-Seq: A Comparison With <i>Cis</i> -eQTL Identified Using Genetic Linkage. <i>Genetics</i> , 2013, 195, 1157-1166.	2.9	43
58	Global change in the trophic functioning of marine food webs. <i>PLoS ONE</i> , 2017, 12, e0182826.	2.5	43
59	Incorporating elevation in rainfall interpolation in Tunisia using geostatistical methods. <i>Hydrological Sciences Journal</i> , 2012, 57, 1294-1314.	2.6	42
60	Genome-wide interval mapping using SNPs identifies new QTL for growth, body composition and several physiological variables in an F2 intercross between fat and lean chicken lines. <i>Genetics Selection Evolution</i> , 2013, 45, 36.	3.0	42
61	Development of a questionnaire to assay recalled liking for salt, sweet and fat. <i>Food Quality and Preference</i> , 2012, 23, 110-124.	4.6	41
62	Evaluating aggressiveness and host range of <i>Alternaria dauci</i> in a controlled environment. <i>Plant Pathology</i> , 2012, 61, 63-75.	2.4	41
63	Monitoring restored riparian vegetation: how can recent developments in remote sensing sciences help?. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2013, , 10.	1.1	41
64	Effect of mechanical stimulation on the growth and branching of garden rose. <i>Scientia Horticulturae</i> , 2012, 135, 59-64.	3.6	40
65	Modelling trophic flows in ecosystems to assess the efficiency of marine protected area (MPA), a case study on the coast of SÅ©nÅ©gal. <i>Ecological Modelling</i> , 2012, 232, 1-13.	2.5	40
66	New trophic indicators and target values for an ecosystem-based management of fisheries. <i>Ecological Indicators</i> , 2016, 61, 588-601.	6.3	40
67	First assessment of diffusion coefficients in model cheese by fluorescence recovery after photobleaching (FRAP). <i>Food Chemistry</i> , 2012, 133, 551-556.	8.2	39
68	The Subtelomeric khipu Satellite Repeat from <i>Phaseolus vulgaris</i> : Lessons Learned from the Genome Analysis of the Andean Genotype G19833. <i>Frontiers in Plant Science</i> , 2013, 4, 109.	3.6	39
69	Genetic Diversity of Food-Isolated <i>Salmonella</i> Strains through Pulsed Field Gel Electrophoresis (PFGE) and Enterobacterial Repetitive Intergenic Consensus (ERIC-PCR). <i>PLoS ONE</i> , 2013, 8, e81315.	2.5	39
70	Peat particle size effects on spatial root distribution, and changes on hydraulic and aeration properties. <i>Scientia Horticulturae</i> , 2013, 151, 11-21.	3.6	38
71	Predicting estuarine use patterns of juvenile fish with Generalized Linear Models. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 120, 64-74.	2.1	38
72	Modeling trophic interactions to assess the effects of a marine protected area: case study in the NW Mediterranean Sea. <i>Marine Ecology - Progress Series</i> , 2012, 456, 201-214.	1.9	38

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73	A universal method for the detection and identification of Aphidiinae parasitoids within their aphid hosts. <i>Molecular Ecology Resources</i> , 2012, 12, 634-645.	4.8	37
74	Towards the implementation of an integrated ecosystem fleet-based management of European fisheries. <i>Marine Policy</i> , 2012, 36, 1022-1032.	3.2	37
75	Changes in Functional Properties of Milk Protein Powders: Effects of Vacuum Concentration and Drying. <i>Drying Technology</i> , 2013, 31, 1578-1591.	3.1	37
76	Endogenous proteins in terminal ileal digesta of adult subjects fed a casein-based diet. <i>American Journal of Clinical Nutrition</i> , 2012, 96, 508-515.	4.7	36
77	Effect of extrafloral nectar provisioning on the performance of the adult parasitoid <i>Diaeretiella rapae</i> . <i>Biological Control</i> , 2013, 65, 271-277.	3.0	36
78	Ideal Profile Method (IPM): The ins and outs. <i>Food Quality and Preference</i> , 2013, 28, 45-59.	4.6	35
79	Human-lamb bonding: Oxytocin, cortisol and behavioural responses of lambs to human contacts and social separation. <i>Psychoneuroendocrinology</i> , 2013, 38, 499-508.	2.7	35
80	Detection and quantification of staphylococcal enterotoxin A in foods with specific and sensitive polyclonal antibodies. <i>Food Control</i> , 2013, 32, 255-261.	5.5	35
81	Trans-vaccenate is Δ^{13} -desaturated by FADS3 in rodents. <i>Journal of Lipid Research</i> , 2013, 54, 3438-3452.	4.2	35
82	Low nitrogen use efficiency and high nitrate leaching in a highly fertilized <i>Coffea arabica</i> - <i>Inga densiflora</i> agroforestry system: a ^{15}N labeled fertilizer study. <i>Nutrient Cycling in Agroecosystems</i> , 2013, 95, 377-394.	2.2	34
83	Food sovereignty and agricultural trade policy commitments: How much leeway do West African nations have?. <i>Food Policy</i> , 2013, 38, 115-125.	6.0	34
84	Winter host exploitation influences fitness traits in a parasitoid. <i>Entomologia Experimentalis Et Applicata</i> , 2013, 147, 167-174.	1.4	34
85	Dietary Proteins Contribute Little to Glucose Production, Even Under Optimal Gluconeogenic Conditions in Healthy Humans. <i>Diabetes</i> , 2013, 62, 1435-1442.	0.6	34
86	Fishing inside or outside? A case studies analysis of potential spillover effect from marine protected areas, using food web models. <i>Journal of Marine Systems</i> , 2014, 139, 383-395.	2.1	34
87	Comparative effects of level of dietary fiber and sanitary conditions on the growth and health of weanling pigs ¹ . <i>Journal of Animal Science</i> , 2012, 90, 2556-2569.	0.5	33
88	Drying kinetics of skim milk with 50wt.% initial solids. <i>Journal of Food Engineering</i> , 2012, 109, 701-711.	5.2	33
89	Transport phenomena in a model cheese: The influence of the charge and shape of solutes on diffusion. <i>Journal of Dairy Science</i> , 2013, 96, 6186-6198.	3.4	33
90	An emerging picture of the seed desiccome: confirmed regulators and newcomers identified using transcriptome comparison. <i>Frontiers in Plant Science</i> , 2013, 4, 497.	3.6	33

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91	Is the Penman-Monteith model adapted to predict crop transpiration under greenhouse conditions? Application to a New Guinea Impatiens crop. <i>Scientia Horticulturae</i> , 2013, 152, 80-91.	3.6	32
92	A hierarchical Bayesian model for embedding larval drift and habitat models in integrated life cycles for exploited fish. <i>Ecological Applications</i> , 2013, 23, 1659-1676.	3.8	31
93	Regulation of pre- and post-translational myristoylation of proteins during apoptosis: interplay of N-myristoyltransferases and caspases. <i>FASEB Journal</i> , 2013, 27, 811-821.	0.5	30
94	The scientific strategy needed to promote a regional ecosystem-based approach to fisheries in the Mediterranean and Black Seas. <i>Reviews in Fish Biology and Fisheries</i> , 2013, 23, 415-434.	4.9	30
95	Trophic models: What do we learn about Celtic Sea and Bay of Biscay ecosystems?. <i>Journal of Marine Systems</i> , 2017, 172, 104-117.	2.1	30
96	Assessment of the consistency of ideal profiles according to non-ideal data for IPM. <i>Food Quality and Preference</i> , 2012, 24, 99-110.	4.6	29
97	Complexes between linoleate and native or aggregated β -lactoglobulin: Interaction parameters and in vitro cytotoxic effect. <i>Food Chemistry</i> , 2013, 141, 2305-2313.	8.2	29
98	Does the presence of grassy strips and landscape grain affect the spatial distribution of aphids and their carabid predators?. <i>Agricultural and Forest Entomology</i> , 2013, 15, 24-33.	1.3	29
99	Influence of incentive networks on landscape changes: A simple agent-based simulation approach. <i>Environmental Modelling and Software</i> , 2013, 45, 64-73.	4.5	29
100	Unilateral once daily milking locally induces differential gene expression in both mammary tissue and milk epithelial cells revealing mammary remodeling. <i>Physiological Genomics</i> , 2013, 45, 973-985.	2.3	29
101	Stockless organic farming: strengths and weaknesses evidenced by a multicriteria sustainability assessment model. <i>Agronomy for Sustainable Development</i> , 2013, 33, 593-608.	5.3	28
102	Storage of natural water samples and preservation techniques for pharmaceutical quantification. <i>Talanta</i> , 2013, 109, 31-45.	5.5	28
103	The role of branch architecture in assimilate production and partitioning: the example of apple (<i>Malus domestica</i>). <i>Frontiers in Plant Science</i> , 2014, 5, 338.	3.6	28
104	European Union's Public Fishing Access Agreements in Developing Countries. <i>PLoS ONE</i> , 2013, 8, e79899.	2.5	28
105	Detecting soil salinity changes in irrigated Vertisols by electrical resistivity prospecting during a desalinisation experiment. <i>Agricultural Water Management</i> , 2012, 109, 1-10.	5.6	27
106	Development of a soil compaction indicator in life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , 2013, 18, 1316-1324.	4.7	27
107	Sources of organic matter for flatfish juveniles in coastal and estuarine nursery grounds: A meta-analysis for the common sole (<i>Solea solea</i>) in contrasted systems of Western Europe. <i>Journal of Sea Research</i> , 2013, 75, 85-95.	1.6	27
108	Effect of a supplementation of <i>Euphorbia heterophylla</i> on nutritional meat quality of Guinea pig (<i>Cavia porcellus</i> L.). <i>Meat Science</i> , 2013, 93, 821-826.	5.5	26

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109	QTL mapping of carrot resistance to leaf blight with connected populations: stability across years and consequences for breeding. <i>Theoretical and Applied Genetics</i> , 2015, 128, 2177-2187.	3.6	26
110	Assessing interacting impacts of artisanal and recreational fisheries in a small Marine Protected Area (Portofino, NW Mediterranean Sea). <i>Ecosphere</i> , 2016, 7, e01601.	2.2	26
111	Spatial analysis of the trophic interactions between two juvenile fish species and their preys along a coastal estuarine gradient. <i>Journal of Sea Research</i> , 2013, 81, 40-48.	1.6	25
112	Temporary water restriction or light intensity limitation promotes branching in rose bush. <i>Scientia Horticulturae</i> , 2013, 150, 432-440.	3.6	25
113	Assessing the Contribution of Marine Protected Areas to the Trophic Functioning of Ecosystems: A Model for the Banc d'Arguin and the Mauritanian Shelf. <i>PLoS ONE</i> , 2014, 9, e94742.	2.5	25
114	Limited RNA Editing in Exons of Mouse Liver and Adipose. <i>Genetics</i> , 2013, 193, 1107-1115.	2.9	24
115	Overfishing of marine resources: some lessons from the assessment of demersal stocks off Mauritania. <i>ICES Journal of Marine Science</i> , 2015, 72, 414-427.	2.5	24
116	Relative nitrogen efficiency, a new indicator to assess crop livestock farming systems. <i>Agronomy for Sustainable Development</i> , 2015, 35, 857-868.	5.3	24
117	Extension of the consistency of the data obtained with the Ideal Profile Method: Would the ideal products be more liked than the tested products?. <i>Food Quality and Preference</i> , 2012, 26, 74-80.	4.6	23
118	Handling missing values in multiple factor analysis. <i>Food Quality and Preference</i> , 2013, 30, 77-85.	4.6	23
119	Identification of relevant morphological, topological and geometrical variables to characterize the architecture of rose bushes in relation to plant shape. <i>Euphytica</i> , 2013, 191, 129-140.	1.2	23
120	Exploring root developmental plasticity to nitrogen with a three-dimensional architectural model. <i>Plant and Soil</i> , 2014, 385, 49-62.	3.7	23
121	Environmental life cycle assessment of seafood production: A case study of trawler catches in Tunisia. <i>Science of the Total Environment</i> , 2018, 610-611, 298-307.	8.0	23
122	A quantitative estimate of the function of soft-bottom sheltered coastal areas as essential flatfish nursery habitat. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 133, 193-205.	2.1	22
123	Seasonal plasticity of <i>Ludwigia grandiflora</i> under light and water depth gradients: An outdoor mesocosm experiment. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2013, 208, 430-437.	1.2	22
124	Integrating Marine Protected Areas in fisheries management systems: some criteria for ecological efficiency. <i>Aquatic Living Resources</i> , 2013, 26, 159-170.	1.2	22
125	Clustering flood events from water quality time series using Latent Dirichlet Allocation model. <i>Water Resources Research</i> , 2013, 49, 8187-8199.	4.2	22
126	Evaluating changes in marine communities that provide ecosystem services through comparative assessments of community indicators. <i>Ecosystem Services</i> , 2015, 16, 413-429.	5.4	22

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127	A future for marine fisheries in Europe (Manifesto of the Association Française d'Halieuculture). Fisheries Research, 2011, 109, 1-6.	1.7	21
128	Feed restriction applied after weaning has different effects on pig performance and health depending on the sanitary conditions. Journal of Animal Science, 2012, 90, 4866-4875.	0.5	21
129	Phenoplant: a web resource for the exploration of large chlorophyll fluorescence image datasets. Plant Methods, 2015, 11, 24.	4.3	21
130	Construction of an Ideal Map (IdMap) based on the ideal profiles obtained directly from consumers. Food Quality and Preference, 2012, 26, 93-104.	4.6	20
131	From elaborate to compact seasonal plant epidemic models and back: is competitive exclusion in the details?. Theoretical Ecology, 2012, 5, 311-324.	1.0	20
132	Global assessment of the fishing impacts on the Southern Benguela ecosystem using an EcoTroph modelling approach. Journal of Marine Systems, 2012, 90, 1-12.	2.1	20
133	A new unsupervised gene clustering algorithm based on the integration of biological knowledge into expression data. BMC Bioinformatics, 2013, 14, 42.	2.6	20
134	Structural consequences of dry heating on alpha-lactalbumin and beta-lactoglobulin at pH 6.5. Food Research International, 2013, 51, 899-906.	6.2	20
135	Effects of the addition of various minerals, proteins and salts of organic acids on the principal steps of α -lactose monohydrate crystallisation. International Dairy Journal, 2013, 30, 88-95.	3.0	20
136	Experimental determination of organelle targeting-peptide cleavage sites using transient expression of green fluorescent protein translational fusions. Analytical Biochemistry, 2013, 434, 44-51.	2.4	20
137	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 April 2013–31 May 2013. Molecular Ecology Resources, 2013, 13, 966-968.	4.8	19
138	Using functional approaches to study phytoplankton communities in a temperate region exposed to tropical species dispersal. Hydrobiologia, 2013, 702, 267-282.	2.0	19
139	The bacterial effector <i>DspA/E</i> is toxic in <i>Arabidopsis thaliana</i> and is required for multiplication and survival of fire blight pathogen. Molecular Plant Pathology, 2013, 14, 506-517.	4.2	19
140	Strategies of the invasive macrophyte <i>Ludwigia grandiflora</i> in its introduced range: Competition, facilitation or coexistence with native and exotic species?. Aquatic Botany, 2013, 107, 8-16.	1.6	19
141	Metabolic adaptation of two pig muscles to cold rearing conditions. Journal of Animal Science, 2013, 91, 1893-1906.	0.5	19
142	Partial Resistance of Carrot to <i>Alternaria dauci</i> Correlates with In Vitro Cultured Carrot Cell Resistance to Fungal Exudates. PLoS ONE, 2014, 9, e101008.	2.5	19
143	Ecological Restoration of Headwaters in a Rural Landscape (Normandy, France): A Passive Approach Taking Hedge Networks into Account for Riparian Tree Recruitment. Restoration Ecology, 2013, 21, 96-104.	2.9	18
144	Accounting for Age Uncertainty in Growth Modeling, the Case Study of Yellowfin Tuna (<i>Thunnus</i>)	2.5	18

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145	Public tendering and green procurement as potential drivers for sustainable urban development: Implications for landscape architecture and other urban design professions. <i>Landscape and Urban Planning</i> , 2013, 116, 13-24.	7.5	17
146	Data-derived reference profiles with corepresentation of progesterone, estradiol, LH, and FSH dynamics during the bovine estrous cycle. <i>Theriogenology</i> , 2013, 79, 331-343.e4.	2.1	17
147	The hard life of <i>Phytophthora infestans</i> : when trade-offs shape evolution in a biotrophic plant pathogen. <i>Plant Pathology</i> , 2013, 62, 28-35.	2.4	17
148	What Influences Farm Size Growth? An Illustration in Southwestern France. <i>Applied Economic Perspectives and Policy</i> , 2013, 35, 242-269.	5.6	17
149	Lack of Genetic Differentiation between Contrasted Overwintering Strategies of a Major Pest Predator <i>Episyrphus balteatus</i> (Diptera: Syrphidae): Implications for Biocontrol. <i>PLoS ONE</i> , 2013, 8, e72997.	2.5	16
150	Using trophic models to assess the impact of fishing in the Bay of Biscay and the Celtic Sea. <i>Aquatic Living Resources</i> , 2017, 30, 7.	1.2	16
151	A role for lipid rafts in the protection afforded by docosahexaenoic acid against ethanol toxicity in primary rat hepatocytes. <i>Food and Chemical Toxicology</i> , 2013, 60, 286-296.	3.6	15
152	Digital assessment of soil-salinity dynamics after a major flood in the Niger River valley. <i>Geoderma</i> , 2013, 207-208, 193-204.	5.1	15
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