

# Molecular Ecology Resources Primer Development Consortium

## List of Publications by Citations

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213  
papers

6,672  
citations

39  
h-index

68  
g-index

215  
ext. papers

7,788  
ext. citations

4  
avg, IF

5.76  
L-index

#	Paper	IF	Citations
213	A decade of Predictions in Ungauged Basins (PUB) review. <i>Hydrological Sciences Journal</i> , <b>2013</b> , 58, 1198-1255	3.5	627
212	Banta Rhei Everything Flows Change in hydrology and society The IAHS Scientific Decade 2013-2022. <i>Hydrological Sciences Journal</i> , <b>2013</b> , 58, 1256-1275	3.5	452
211	Global marine primary production constrains fisheries catches. <i>Ecology Letters</i> , <b>2010</b> , 13, 495-505	10	267
210	Global overview of the applications of the Ecopath with Ecosim modeling approach using the EcoBase models repository. <i>Ecological Modelling</i> , <b>2015</b> , 302, 42-53	3	133
209	Validation of a new in vitro dynamic system to simulate infant digestion. <i>Food Chemistry</i> , <b>2014</b> , 145, 1038-45	8.45	127
208	A regulatory network-based approach dissects late maturation processes related to the acquisition of desiccation tolerance and longevity of <i>Medicago truncatula</i> seeds. <i>Plant Physiology</i> , <b>2013</b> , 163, 757-74	6.6	119
207	Size matters: How single-species management can contribute to ecosystem-based fisheries management. <i>Fisheries Research</i> , <b>2008</b> , 92, 231-241	2.3	118
206	LEA polypeptide profiling of recalcitrant and orthodox legume seeds reveals ABI3-regulated LEA protein abundance linked to desiccation tolerance. <i>Journal of Experimental Botany</i> , <b>2013</b> , 64, 4559-73	7	89
205	Ecological indicators to capture the effects of fishing on biodiversity and conservation status of marine ecosystems. <i>Ecological Indicators</i> , <b>2016</b> , 60, 947-962	5.8	85
204	Eating up the world's food web and the human trophic level. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 20617-20	11.5	84
203	Identifying fishing trip behaviour and estimating fishing effort from VMS data using Bayesian Hidden Markov Models. <i>Ecological Modelling</i> , <b>2010</b> , 221, 1757-1769	3	77
202	Factors affecting the detection distances of reef fish: implications for visual counts. <i>Marine Biology</i> , <b>2011</b> , 158, 969-981	2.5	75
201	Construction and evaluation of confidence ellipses applied at sensory data. <i>Food Quality and Preference</i> , <b>2013</b> , 28, 106-115	5.8	68
200	Solute transport dynamics in small, shallow groundwater-dominated agricultural catchments: insights from a high-frequency, multisolute 10 yr-long monitoring study. <i>Hydrology and Earth System Sciences</i> , <b>2013</b> , 17, 1379-1391	5.5	68
199	Handling Missing Values with Regularized Iterative Multiple Correspondence Analysis. <i>Journal of Classification</i> , <b>2012</b> , 29, 91-116	1.2	59
198	Minimizing the impact of fishing. <i>Fish and Fisheries</i> , <b>2016</b> , 17, 785-802	6	59
197	Invited review: reduced milking frequency: milk production and management implications. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 3401-13	4	58

196	EcoTroph: Modelling marine ecosystem functioning and impact of fishing. <i>Ecological Modelling</i> , <b>2009</b> , 220, 2885-2898	3	57
195	Estimates of the mortality and the duration of the trans-Atlantic migration of European eel <i>Anguilla anguilla leptocephali</i> using a particle tracking model. <i>Journal of Fish Biology</i> , <b>2009</b> , 74, 1891-914 <sup>1.9</sup>		54
194	Identification of molecular markers for DNA barcoding in the Aphidiinae (Hym. Braconidae). <i>Molecular Ecology Resources</i> , <b>2012</b> , 12, 197-208	8.4	53
193	Shape, shell, and vacuole formation during the drying of a single concentrated whey protein droplet. <i>Langmuir</i> , <b>2013</b> , 29, 15606-13	4	53
192	Towards a better control of dairy powder rehydration processes. <i>International Dairy Journal</i> , <b>2013</b> , 31, 18-28	3.5	52
191	Extrapolation at regional scale of local soil knowledge using boosted classification trees: A two-step approach. <i>Geoderma</i> , <b>2012</b> , 171-172, 75-84	6.7	51
190	Fishing impact and environmental status in European seas: a diagnosis from stock assessments and ecosystem indicators. <i>Fish and Fisheries</i> , <b>2016</b> , 17, 31-55	6	50
189	Hydrologically driven seasonal changes in the sources and production mechanisms of dissolved organic carbon in a small lowland catchment. <i>Water Resources Research</i> , <b>2013</b> , 49, 5792-5803	5.4	50
188	Trophic flow kinetics in marine ecosystems: Toward a theoretical approach to ecosystem functioning. <i>Ecological Modelling</i> , <b>2008</b> , 217, 33-47	3	50
187	Modelling dynamic ecosystems: venturing beyond boundaries with the Ecopath approach. <i>Reviews in Fish Biology and Fisheries</i> , <b>2015</b> , 25, 413-424	6	49
186	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> , <b>2012</b> , 69, 925-938	2.7	49
185	The trophic-level-based ecosystem modelling approach: theoretical overview and practical uses. <i>ICES Journal of Marine Science</i> , <b>2011</b> , 68, 1403-1416	2.7	49
184	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> , <b>2013</b> , 13, 191-205 <sup>3.8</sup>		47
183	Gibberellins regulate the transcription of the continuous flowering regulator, RoKSN, a rose TFL1 homologue. <i>Journal of Experimental Botany</i> , <b>2012</b> , 63, 6543-54	7	45
182	Identification and characterization of functional centromeres of the common bean. <i>Plant Journal</i> , <b>2013</b> , 76, 47-60	6.9	43
181	Optimizing illumination in the greenhouse using a 3D model of tomato and a ray tracer. <i>Frontiers in Plant Science</i> , <b>2014</b> , 5, 48	6.2	43
180	Arginase induction represses gall development during clubroot infection in <i>Arabidopsis</i> . <i>Plant and Cell Physiology</i> , <b>2012</b> , 53, 901-11	4.9	43
179	EDS1 contributes to nonhost resistance of <i>Arabidopsis thaliana</i> against <i>Erwinia amylovora</i> . <i>Molecular Plant-Microbe Interactions</i> , <b>2012</b> , 25, 421-30	3.6	42

178	Evolution of a complex disease resistance gene cluster in diploid Phaseolus and tetraploid Glycine. <i>Plant Physiology</i> , <b>2012</b> , 159, 336-54	6.6	42
177	Carotenoid content and root color of cultivated carrot: a candidate-gene association study using an original broad unstructured population. <i>PLoS ONE</i> , <b>2015</b> , 10, e0116674	3.7	41
176	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> , <b>2012</b> , 69, 1802-1811	2.7	40
175	Modelling the effects of fishing on the biomass of the world's oceans from 1950 to 2006. <i>Marine Ecology - Progress Series</i> , <b>2011</b> , 442, 169-185	2.6	40
174	SyNE: An improved indicator to assess nitrogen efficiency of farming systems. <i>Agricultural Systems</i> , <b>2014</b> , 127, 41-52	6.1	39
173	Coupling hydrodynamic and individual-based models to simulate long-term larval supply to coastal nursery areas. <i>Fisheries Oceanography</i> , <b>2012</b> , 21, 229-242	2.4	39
172	A guide for choosing the most appropriate method for multi-criteria assessment of agricultural systems according to decision-makers' expectations. <i>Agricultural Systems</i> , <b>2013</b> , 115, 51-62	6.1	39
171	Weed dispersal by farming at various spatial scales. A review. <i>Agronomy for Sustainable Development</i> , <b>2013</b> , 33, 205-217	6.8	38
170	Ecological assessment of French Atlantic lakes based on phytoplankton, phytobenthos and macrophytes. <i>Environmental Monitoring and Assessment</i> , <b>2012</b> , 184, 4685-708	3.1	38
169	Spray drying of dairy bacteria: New opportunities to improve the viability of bacteria powders. <i>International Dairy Journal</i> , <b>2013</b> , 31, 12-17	3.5	37
168	Shifting baselines in European fisheries: The case of the Celtic Sea and Bay of Biscay. <i>Ocean and Coastal Management</i> , <b>2012</b> , 70, 10-21	3.9	37
167	Towards a new classification system for legumes: Progress report from the 6th International Legume Conference. <i>South African Journal of Botany</i> , <b>2013</b> , 89, 3-9	2.9	36
166	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> , <b>2012</b> , 7, e38724	3.7	36
165	Environmental impacts of farms integrating aquaculture and agriculture in Cameroon. <i>Journal of Cleaner Production</i> , <b>2012</b> , 28, 208-214	10.3	35
164	What is the most prominent factor limiting photosynthesis in different layers of a greenhouse cucumber canopy?. <i>Annals of Botany</i> , <b>2014</b> , 114, 677-88	4.1	35
163	Monitoring restored riparian vegetation: how can recent developments in remote sensing sciences help?. <i>Knowledge and Management of Aquatic Ecosystems</i> , <b>2013</b> , 10	1.4	35
162	Exploring sustainable farming scenarios at a regional scale: an application to dairy farms in Brittany. <i>Journal of Cleaner Production</i> , <b>2012</b> , 28, 160-167	10.3	34
161	Comparative effects of well-balanced diets enriched in linolenic or linoleic acids on LC-PUFA metabolism in rat tissues. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2013</b> , 88, 383-9	2.8	34

160	Incorporating elevation in rainfall interpolation in Tunisia using geostatistical methods. <i>Hydrological Sciences Journal</i> , <b>2012</b> , 57, 1294-1314	3.5	34
159	Analysis of allele-specific expression in mouse liver by RNA-Seq: a comparison with Cis-eQTL identified using genetic linkage. <i>Genetics</i> , <b>2013</b> , 195, 1157-66	4	34
158	Trans-vaccenate is $\Delta^3$ -desaturated by FADS3 in rodents. <i>Journal of Lipid Research</i> , <b>2013</b> , 54, 3438-52	6.3	34
157	Development of a questionnaire to assay recalled liking for salt, sweet and fat. <i>Food Quality and Preference</i> , <b>2012</b> , 23, 110-124	5.8	33
156	Endogenous proteins in terminal ileal digesta of adult subjects fed a casein-based diet. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 96, 508-15	7	33
155	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> , <b>2013</b> , 45, 36	4.9	32
154	Effect of extrafloral nectar provisioning on the performance of the adult parasitoid <i>Diaeretiella rapae</i> . <i>Biological Control</i> , <b>2013</b> , 65, 271-277	3.8	32
153	Hen egg white lysozyme permeabilizes <i>Escherichia coli</i> outer and inner membranes. <i>Journal of Agricultural and Food Chemistry</i> , <b>2013</b> , 61, 9922-9	5.7	32
152	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> , <b>2014</b> , 37, 742-57	8.4	31
151	Towards the implementation of an integrated ecosystem fleet-based management of European fisheries. <i>Marine Policy</i> , <b>2012</b> , 36, 1022-1032	3.5	30
150	Drying kinetics of skim milk with 50 wt.% initial solids. <i>Journal of Food Engineering</i> , <b>2012</b> , 109, 701-711	6	30
149	First assessment of diffusion coefficients in model cheese by fluorescence recovery after photobleaching (FRAP). <i>Food Chemistry</i> , <b>2012</b> , 133, 551-6	8.5	30
148	Ideal Profile Method (IPM): The ins and outs. <i>Food Quality and Preference</i> , <b>2013</b> , 28, 45-59	5.8	30
147	New trophic indicators and target values for an ecosystem-based management of fisheries. <i>Ecological Indicators</i> , <b>2016</b> , 61, 588-601	5.8	29
146	A universal method for the detection and identification of Aphidiinae parasitoids within their aphid hosts. <i>Molecular Ecology Resources</i> , <b>2012</b> , 12, 634-45	8.4	29
145	Changes in Functional Properties of Milk Protein Powders: Effects of Vacuum Concentration and Drying. <i>Drying Technology</i> , <b>2013</b> , 31, 1578-1591	2.6	29
144	Peat particle size effects on spatial root distribution, and changes on hydraulic and aeration properties. <i>Scientia Horticulturae</i> , <b>2013</b> , 151, 11-21	4.1	29
143	Predicting estuarine use patterns of juvenile fish with Generalized Linear Models. <i>Estuarine, Coastal and Shelf Science</i> , <b>2013</b> , 120, 64-74	2.9	29

142	A hierarchical Bayesian model for embedding larval drift and habitat models in integrated life cycles for exploited fish <b>2013</b> , 23, 1659-76		29
141	Modelling trophic flows in ecosystems to assess the efficiency of marine protected area (MPA), a case study on the coast of Svalbard. <i>Ecological Modelling</i> , <b>2012</b> , 232, 1-13	3	28
140	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> , <b>2013</b> , 23, 415-434	6	28
139	Evaluating aggressiveness and host range of <i>Alternaria dauci</i> in a controlled environment. <i>Plant Pathology</i> , <b>2012</b> , 61, 63-75	2.8	28
138	Dietary proteins contribute little to glucose production, even under optimal gluconeogenic conditions in healthy humans. <i>Diabetes</i> , <b>2013</b> , 62, 1435-42	0.9	28
137	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> , <b>2012</b> , 456, 201-214	2.6	28
136	Transport phenomena in a model cheese: the influence of the charge and shape of solutes on diffusion. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 6186-98	4	27
135	Regulation of co- and post-translational myristoylation of proteins during apoptosis: interplay of N-myristoyltransferases and caspases. <i>FASEB Journal</i> , <b>2013</b> , 27, 811-21	0.9	27
134	Assessment of the consistency of ideal profiles according to non-ideal data for IPM. <i>Food Quality and Preference</i> , <b>2012</b> , 24, 99-110	5.8	27
133	Human-lamb bonding: oxytocin, cortisol and behavioural responses of lambs to human contacts and social separation. <i>Psychoneuroendocrinology</i> , <b>2013</b> , 38, 499-508	5	27
132	Detection and quantification of staphylococcal enterotoxin A in foods with specific and sensitive polyclonal antibodies. <i>Food Control</i> , <b>2013</b> , 32, 255-261	6.2	27
131	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> , <b>2013</b> , 8, e81315	3.7	27
130	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> , <b>2014</b> , 139, 383-395	2.7	26
129	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> , <b>2013</b> , 15, 24-33	1.9	26
128	Effect of mechanical stimulation on the growth and branching of garden rose. <i>Scientia Horticulturae</i> , <b>2012</b> , 135, 59-64	4.1	26
127	Winter host exploitation influences fitness traits in a parasitoid. <i>Entomologia Experimentalis Et Applicata</i> , <b>2013</b> , 147, 167-174	2.1	26
126	Migration and dispersal may drive to high genetic variation and significant genetic mixing: the case of two agriculturally important, continental hoverflies ( <i>Episyrphus balteatus</i> and <i>Sphaerophoria scripta</i> ). <i>Molecular Ecology</i> , <b>2013</b> , 22, 5329-39	5.7	25
125	Complexes between linoleate and native or aggregated $\beta$ -lactoglobulin: interaction parameters and in vitro cytotoxic effect. <i>Food Chemistry</i> , <b>2013</b> , 141, 2305-13	8.5	25

124	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> , <b>2013</b> , 75, 85-95	1.9	25
123	Unilateral once daily milking locally induces differential gene expression in both mammary tissue and milk epithelial cells revealing mammary remodeling. <i>Physiological Genomics</i> , <b>2013</b> , 45, 973-85	3.6	25
122	An emerging picture of the seed desiccome: confirmed regulators and newcomers identified using transcriptome comparison. <i>Frontiers in Plant Science</i> , <b>2013</b> , 4, 497	6.2	25
121	Global change in the trophic functioning of marine food webs. <i>PLoS ONE</i> , <b>2017</b> , 12, e0182826	3.7	25
120	Food sovereignty and agricultural trade policy commitments: How much leeway do West African nations have?. <i>Food Policy</i> , <b>2013</b> , 38, 115-125	5	24
119	Influence of incentive networks on landscape changes: A simple agent-based simulation approach. <i>Environmental Modelling and Software</i> , <b>2013</b> , 45, 64-73	5.2	24
118	Stockless organic farming: strengths and weaknesses evidenced by a multicriteria sustainability assessment model. <i>Agronomy for Sustainable Development</i> , <b>2013</b> , 33, 593-608	6.8	23
117	Development of a soil compaction indicator in life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , <b>2013</b> , 18, 1316-1324	4.6	23
116	Storage of natural water samples and preservation techniques for pharmaceutical quantification. <i>Talanta</i> , <b>2013</b> , 109, 31-45	6.2	22
115	The role of branch architecture in assimilate production and partitioning: the example of apple ( <i>Malus domestica</i> ). <i>Frontiers in Plant Science</i> , <b>2014</b> , 5, 338	6.2	22
114	Comparative effects of level of dietary fiber and sanitary conditions on the growth and health of weanling pigs. <i>Journal of Animal Science</i> , <b>2012</b> , 90, 2556-69	0.7	22
113	Limited RNA editing in exons of mouse liver and adipose. <i>Genetics</i> , <b>2013</b> , 193, 1107-15	4	22
112	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> , <b>2012</b> , 26, 74-80	5.8	21
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> , <b>2013</b> , 81, 40-48	1.9	21
110	Trophic models: What do we learn about Celtic Sea and Bay of Biscay ecosystems?. <i>Journal of Marine Systems</i> , <b>2017</b> , 172, 104-117	2.7	20
109	Low nitrogen use efficiency and high nitrate leaching in a highly fertilized <i>Coffea arabica</i> Inga densiflora agroforestry system: a <sup>15</sup> N labeled fertilizer study. <i>Nutrient Cycling in Agroecosystems</i> , <b>2013</b> , 95, 377-394	3.3	20
108	Evaluating changes in marine communities that provide ecosystem services through comparative assessments of community indicators. <i>Ecosystem Services</i> , <b>2015</b> , 16, 413-429	6.1	20
107	European Union's public fishing access agreements in developing countries. <i>PLoS ONE</i> , <b>2013</b> , 8, e79899	3.7	20



106	Structural consequences of dry heating on alpha-lactalbumin and beta-lactoglobulin at pH 6.5. <i>Food Research International</i> , <b>2013</b> , 51, 899-906	7	19
105	Is the PenmanMonteith model adapted to predict crop transpiration under greenhouse conditions? Application to a New Guinea Impatiens crop. <i>Scientia Horticulturae</i> , <b>2013</b> , 152, 80-91	4.1	19
104	QTL mapping of carrot resistance to leaf blight with connected populations: stability across years and consequences for breeding. <i>Theoretical and Applied Genetics</i> , <b>2015</b> , 128, 2177-87	6	19
103	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> , <b>2014</b> , 9, e94742	3.7	19
102	Temporary water restriction or light intensity limitation promotes branching in rose bush. <i>Scientia Horticulturae</i> , <b>2013</b> , 150, 432-440	4.1	19
101	Integrating Marine Protected Areas in fisheries management systems: some criteria for ecological efficiency. <i>Aquatic Living Resources</i> , <b>2013</b> , 26, 159-170	1.5	19
100	A success story: water primroses, aquatic plant pests. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2013</b> , 23, n/a-n/a	2.6	19
99	Assessing interacting impacts of artisanal and recreational fisheries in a small Marine Protected Area (Portofino, NW Mediterranean Sea). <i>Ecosphere</i> , <b>2016</b> , 7, e01601	3.1	19
98	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> , <b>2013</b> , 93, 821-6	6.4	18
97	Experimental determination of organelle targeting-peptide cleavage sites using transient expression of green fluorescent protein translational fusions. <i>Analytical Biochemistry</i> , <b>2013</b> , 434, 44-51	3.1	18
96	Detecting soil salinity changes in irrigated Vertisols by electrical resistivity prospection during a desalinisation experiment. <i>Agricultural Water Management</i> , <b>2012</b> , 109, 1-10	5.9	18
95	Construction of an Ideal Map (IdMap) based on the ideal profiles obtained directly from consumers. <i>Food Quality and Preference</i> , <b>2012</b> , 26, 93-104	5.8	18
94	Ecological Restoration of Headwaters in a Rural Landscape (Normandy, France): A Passive Approach Taking Hedge Networks into Account for Riparian Tree Recruitment. <i>Restoration Ecology</i> , <b>2013</b> , 21, 96-104	3.1	18
93	Global assessment of the fishing impacts on the Southern Benguela ecosystem using an EcoTroph modelling approach. <i>Journal of Marine Systems</i> , <b>2012</b> , 90, 1-12	2.7	17
92	A new unsupervised gene clustering algorithm based on the integration of biological knowledge into expression data. <i>BMC Bioinformatics</i> , <b>2013</b> , 14, 42	3.6	17
91	Effects of the addition of various minerals, proteins and salts of organic acids on the principal steps of Dactose monohydrate crystallisation. <i>International Dairy Journal</i> , <b>2013</b> , 30, 88-95	3.5	17
90	Permanent genetic resources added to molecular ecology resources database 1 April 2013-31 May 2013. <i>Molecular Ecology Resources</i> , <b>2013</b> , 13, 966-8	8.4	17
89	A quantitative estimate of the function of soft-bottom sheltered coastal areas as essential flatfish nursery habitat. <i>Estuarine, Coastal and Shelf Science</i> , <b>2013</b> , 133, 193-205	2.9	17



88	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> , <b>2013</b> , 208, 430-437	1.9	17
87	From elaborate to compact seasonal plant epidemic models and back: is competitive exclusion in the details?. <i>Theoretical Ecology</i> , <b>2012</b> , 5, 311-324	1.6	17
86	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> , <b>2013</b> , 4, 109	6.2	17
85	A future for marine fisheries in Europe (Manifesto of the Association Française d'HalieumÉrie). <i>Fisheries Research</i> , <b>2011</b> , 109, 1-6	2.3	17
84	Relative nitrogen efficiency, a new indicator to assess crop livestock farming systems. <i>Agronomy for Sustainable Development</i> , <b>2015</b> , 35, 857-868	6.8	16
83	Phenoplant: a web resource for the exploration of large chlorophyll fluorescence image datasets. <i>Plant Methods</i> , <b>2015</b> , 11, 24	5.8	16
82	Identification of relevant morphological, topological and geometrical variables to characterize the architecture of rose bushes in relation to plant shape. <i>Euphytica</i> , <b>2013</b> , 191, 129-140	2.1	16
81	Using functional approaches to study phytoplankton communities in a temperate region exposed to tropical species dispersal. <i>Hydrobiologia</i> , <b>2013</b> , 702, 267-282	2.4	16
80	The bacterial effector DspA/E is toxic in <i>Arabidopsis thaliana</i> and is required for multiplication and survival of fire blight pathogen. <i>Molecular Plant Pathology</i> , <b>2013</b> , 14, 506-17	5.7	16
79	Feed restriction applied after weaning has different effects on pig performance and health depending on the sanitary conditions. <i>Journal of Animal Science</i> , <b>2012</b> , 90, 4866-75	0.7	16
78	Clustering flood events from water quality time series using Latent Dirichlet Allocation model. <i>Water Resources Research</i> , <b>2013</b> , 49, 8187-8199	5.4	16
77	Accounting for age uncertainty in growth modeling, the case study of yellowfin tuna ( <i>Thunnus albacares</i> ) of the Indian Ocean. <i>PLoS ONE</i> , <b>2013</b> , 8, e60886	3.7	16
76	Exploring root developmental plasticity to nitrogen with a three-dimensional architectural model. <i>Plant and Soil</i> , <b>2014</b> , 385, 49-62	4.2	15
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