

Molecular Ecology Resources Primer Development Consortium

List of Publications by Year in
Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Long-term fishing impact on the Senegalese coastal demersal resources: diagnosing from stock assessment models. <i>Aquatic Living Resources</i> , 2018 , 31, 8	1.5	5
212	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	10.2	15
211	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	1.5	9
210	Trophic models: What do we learn about Celtic Sea and Bay of Biscay ecosystems?. <i>Journal of Marine Systems</i> , 2017 , 172, 104-117	2.7	20
209	Global change in the trophic functioning of marine food webs. <i>PLoS ONE</i> , 2017 , 12, e0182826	3.7	25
208	Fishing impact and environmental status in European seas: a diagnosis from stock assessments and ecosystem indicators. <i>Fish and Fisheries</i> , 2016 , 17, 31-55	6	50
207	New trophic indicators and target values for an ecosystem-based management of fisheries. <i>Ecological Indicators</i> , 2016 , 61, 588-601	5.8	29
206	Ecological indicators to capture the effects of fishing on biodiversity and conservation status of marine ecosystems. <i>Ecological Indicators</i> , 2016 , 60, 947-962	5.8	85
205	Minimizing the impact of fishing. <i>Fish and Fisheries</i> , 2016 , 17, 785-802	6	59
204	The need for a protean fisheries science to address the degradation of exploited aquatic ecosystems. <i>Aquatic Living Resources</i> , 2016 , 29, E201	1.5	2
203	Assessing interacting impacts of artisanal and recreational fisheries in a small Marine Protected Area (Portofino, NW Mediterranean Sea). <i>Ecosphere</i> , 2016 , 7, e01601	3.1	19
202	Relative nitrogen efficiency, a new indicator to assess crop livestock farming systems. <i>Agronomy for Sustainable Development</i> , 2015 , 35, 857-868	6.8	16
201	Is there variety × isolate interaction in the polygenic quantitative resistance of carrot to <i>Alternaria dauci</i> ?. <i>Euphytica</i> , 2015 , 202, 235-243	2.1	5
200	Size still matters. A response to Svedb̈g (2013): Size matters: Ne quid nimis. <i>Fisheries Research</i> , 2015 , 164, 329-330	2.3	3
199	Phenoplant: a web resource for the exploration of large chlorophyll fluorescence image datasets. <i>Plant Methods</i> , 2015 , 11, 24	5.8	16
198	Survey of 47 oilseed flax (<i>Linum usitatissimum</i> L.) growers to identify ways to expand its cultivation in France. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2015 , 22, D604	1.5	1
197	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	3.7	41

196	Modelling dynamic ecosystems: venturing beyond boundaries with the Ecopath approach. <i>Reviews in Fish Biology and Fisheries</i> , 2015 , 25, 413-424	6	49
195	Global overview of the applications of the Ecopath with Ecosim modeling approach using the EcoBase models repository. <i>Ecological Modelling</i> , 2015 , 302, 42-53	3	133
194	Evaluating changes in marine communities that provide ecosystem services through comparative assessments of community indicators. <i>Ecosystem Services</i> , 2015 , 16, 413-429	6.1	20
193	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, 2177-87	6	19
192	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	2.7	13
191	Including foraging arena and top-down controls improves the modeling of trophic flows and fishing impacts in aquatic food webs. <i>Marine Ecology - Progress Series</i> , 2015 , 534, 17-37	2.6	2
190	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, 742-57	8.4	31
189	Assessment of the visual quality of ornamental plants: Comparison of three methodologies in the case of the rosebush. <i>Scientia Horticulturae</i> , 2014 , 168, 17-26	4.1	8
188	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	2.7	26
187	Validation of a new in vitro dynamic system to simulate infant digestion. <i>Food Chemistry</i> , 2014 , 145, 1039-45	2.5	127
186	SyNE: An improved indicator to assess nitrogen efficiency of farming systems. <i>Agricultural Systems</i> , 2014 , 127, 41-52	6.1	39
185	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	3.7	19
184	Exploring root developmental plasticity to nitrogen with a three-dimensional architectural model. <i>Plant and Soil</i> , 2014 , 385, 49-62	4.2	15
183	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	6.2	22
182	What is the most prominent factor limiting photosynthesis in different layers of a greenhouse cucumber canopy?. <i>Annals of Botany</i> , 2014 , 114, 677-88	4.1	35
181	Optimizing illumination in the greenhouse using a 3D model of tomato and a ray tracer. <i>Frontiers in Plant Science</i> , 2014 , 5, 48	6.2	43
180	A wide range of cultivated legume species act as alternative hosts for the pea aschochyta blight fungus, <i>Didymella pinodes</i> . <i>Plant Pathology</i> , 2014 , 63, 877-887	2.8	9
179	Retrospective and prospective dynamics of soil carbon sequestration in Sahelian agrosystems in Senegal. <i>Journal of Arid Environments</i> , 2014 , 100-101, 100-105	2.5	5

178	Partial resistance of carrot to <i>Alternaria dauci</i> correlates with in vitro cultured carrot cell resistance to fungal exudates. <i>PLoS ONE</i> , 2014 , 9, e101008	3.7	12
177	Balancing complexity and feasibility in Mediterranean coastal food-web models: uncertainty and constraints. <i>Marine Ecology - Progress Series</i> , 2014 , 512, 71-88	2.6	10
176	A Continuous Time-and-State Epidemic Model Fitted to Ordinal Categorical Data Observed on a Lattice at Discrete Times. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2013 , 18, 538-555	1.9	2
175	Stockless organic farming: strengths and weaknesses evidenced by a multicriteria sustainability assessment model. <i>Agronomy for Sustainable Development</i> , 2013 , 33, 593-608	6.8	23
174	Prediction of drying of dairy products using a modified balance-based desorption method. <i>Dairy Science and Technology</i> , 2013 , 93, 347-355		4
173	Extension of the GroIMP modelling platform to allow easy specification of differential equations describing biological processes within plant models. <i>Computers and Electronics in Agriculture</i> , 2013 , 92, 1-8	6.5	6
172	A new unsupervised gene clustering algorithm based on the integration of biological knowledge into expression data. <i>BMC Bioinformatics</i> , 2013 , 14, 42	3.6	17
171	Statistical distribution of rainy events characteristics and instantaneous hyetographs generation (Merguellil watershed in central Tunisia). <i>Arabian Journal of Geosciences</i> , 2013 , 6, 1581-1590	1.8	9
170	Handling missing values in multiple factor analysis. <i>Food Quality and Preference</i> , 2013 , 30, 77-85	5.8	14
169	Development of a soil compaction indicator in life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , 2013 , 18, 1316-1324	4.6	23
168	Specific stability of organic matter in a stormwater infiltration basin. <i>Journal of Soils and Sediments</i> , 2013 , 13, 508-518	3.4	6
167	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	3.3	20
166	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	2.9	36
165	An Eulerian-Lagrangian approach for coupling fluid flow, heat transfer and liquid food product transformation. <i>Computers and Chemical Engineering</i> , 2013 , 52, 286-298	4	2
164	Structural consequences of dry heating on alpha-lactalbumin and beta-lactoglobulin at pH 6.5. <i>Food Research International</i> , 2013 , 51, 899-906	7	19
163	Changes in mammary secretory tissue during lactation in ovariectomized dairy cows. <i>Steroids</i> , 2013 , 78, 973-81	2.8	7
162	Effects of the addition of various minerals, proteins and salts of organic acids on the principal steps of lactose monohydrate crystallisation. <i>International Dairy Journal</i> , 2013 , 30, 88-95	3.5	17
161	L'acylation des protéines: une fonction cellulaire importante des acides gras saturés. <i>Nutrition Clinique Et Metabolisme</i> , 2013 , 27, 10-19	0.8	5

160	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> , 2013 , 22, 5329-39	5.7	25
159	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	7.7	14
158	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, 821-6	6.4	18
157	Changes in Functional Properties of Milk Protein Powders: Effects of Vacuum Concentration and Drying. <i>Drying Technology</i> , 2013 , 31, 1578-1591	2.6	29
156	Food sovereignty and agricultural trade policy commitments: How much leeway do West African nations have?. <i>Food Policy</i> , 2013 , 38, 115-125	5	24
155	Experimental determination of organelle targeting-peptide cleavage sites using transient expression of green fluorescent protein translational fusions. <i>Analytical Biochemistry</i> , 2013 , 434, 44-51	3.1	18
154	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> , 2013 , 110, 20617-20	11.5	84
153	Complexes between linoleate and native or aggregated β -lactoglobulin: interaction parameters and in vitro cytotoxic effect. <i>Food Chemistry</i> , 2013 , 141, 2305-13	8.5	25
152	Storage of natural water samples and preservation techniques for pharmaceutical quantification. <i>Talanta</i> , 2013 , 109, 31-45	6.2	22
151	Comparative effects of well-balanced diets enriched in β -linolenic or linoleic acids on LC-PUFA metabolism in rat tissues. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013 , 88, 383-9	2.8	34
150	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	4.1	19
149	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, 286-96	4.7	12
148	Towards a better control of dairy powder rehydration processes. <i>International Dairy Journal</i> , 2013 , 31, 18-28	3.5	52
147	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	4.9	32
146	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 ^{3.8}	3.8	47
145	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	2.1	16
144	Effects of field and landscape variables on crop colonization and biological control of the cabbage root fly <i>Delia radicum</i> . <i>Landscape Ecology</i> , 2013 , 28, 1697-1715	4.3	8
143	Permanent genetic resources added to molecular ecology resources database 1 April 2013-31 May 2013. <i>Molecular Ecology Resources</i> , 2013 , 13, 966-8	8.4	17

142	Data-derived reference profiles with corepresentation of progesterone, estradiol, LH, and FSH dynamics during the bovine estrous cycle. <i>Theriogenology</i> , 2013 , 79, 331-43.e1-4	2.8	14
141	Identification and characterization of functional centromeres of the common bean. <i>Plant Journal</i> , 2013 , 76, 47-60	6.9	43
140	Dynamic impacts of a catastrophic production event: the foot-and-mouth disease case. <i>Risk Analysis</i> , 2013 , 33, 480-92	3.9	1
139	Weed dispersal by farming at various spatial scales. A review. <i>Agronomy for Sustainable Development</i> , 2013 , 33, 205-217	6.8	38
138	Using functional approaches to study phytoplankton communities in a temperate region exposed to tropical species dispersal. <i>Hydrobiologia</i> , 2013 , 702, 267-282	2.4	16
137	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	1.9	26
136	Lactoglobulin-linoleate complexes: In vitro digestion and the role of protein in fatty acid uptake. <i>Journal of Dairy Science</i> , 2013 , 96, 4258-68	4	6
135	Peat particle size effects on spatial root distribution, and changes on hydraulic and aeration properties. <i>Scientia Horticulturae</i> , 2013 , 151, 11-21	4.1	29
134	Effect of extrafloral nectar provisioning on the performance of the adult parasitoid <i>Diaeretiella rapae</i> . <i>Biological Control</i> , 2013 , 65, 271-277	3.8	32
133	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	2.9	17
132	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, 6186-98	4	27
131	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	1.9	17
130	Missing values in multi-level simultaneous component analysis. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2013 , 129, 21-32	3.8	8
129	Hen egg white lysozyme permeabilizes <i>Escherichia coli</i> outer and inner membranes. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 9922-9	5.7	32
128	Porosity of <i>Lactococcus lactis</i> subsp. <i>lactis</i> LD61 colonies immobilised in model cheese. <i>International Journal of Food Microbiology</i> , 2013 , 163, 64-70	5.8	10
127	Influences of a dam on Atlantic salmon (<i>Salmo salar</i>) upstream migration in the Couesnon River (Mont Saint Michel Bay) using hydroacoustics. <i>Estuarine, Coastal and Shelf Science</i> , 2013 , 134, 181-187	2.9	7
126	Influence of incentive networks on landscape changes: A simple agent-based simulation approach. <i>Environmental Modelling and Software</i> , 2013 , 45, 64-73	5.2	24
125	Digital assessment of soil-salinity dynamics after a major flood in the Niger River valley. <i>Geoderma</i> , 2013 , 207-208, 193-204	6.7	11

124	Predicting estuarine use patterns of juvenile fish with Generalized Linear Models. <i>Estuarine, Coastal and Shelf Science</i> , 2013 , 120, 64-74	2.9	29
123	Regulation of co- and post-translational myristoylation of proteins during apoptosis: interplay of N-myristoyltransferases and caspases. <i>FASEB Journal</i> , 2013 , 27, 811-21	0.9	27
122	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> , 2013 , 14, 506-17	5.7	16
121	Differential induction of oxylipin pathway in potato and tobacco cells by bacterial and oomycete elicitors. <i>Plant Cell Reports</i> , 2013 , 32, 579-89	5.1	11
120	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	6	28
119	Spray drying of dairy bacteria: New opportunities to improve the viability of bacteria powders. <i>International Dairy Journal</i> , 2013 , 31, 12-17	3.5	37
118	Limited RNA editing in exons of mouse liver and adipose. <i>Genetics</i> , 2013 , 193, 1107-15	4	22
117	Invited review: reduced milking frequency: milk production and management implications. <i>Journal of Dairy Science</i> , 2013 , 96, 3401-13	4	58
116	Ideal Profile Method (IPM): The ins and outs. <i>Food Quality and Preference</i> , 2013 , 28, 45-59	5.8	30
115	Prediction of biological form at the adult stage of brown trout <i>Salmo trutta</i> using morphological or colorimetric criteria in migrating juveniles. <i>Journal of Fish Biology</i> , 2013 , 82, 1728-32	1.9	
114	Evolution and variability of <i>Solanum</i> RanGAP2, a cofactor in the incompatible interaction between the resistance protein GPA2 and the <i>Globodera pallida</i> effector Gp-RBP-1. <i>BMC Evolutionary Biology</i> , 2013 , 13, 87	3	4
113	Human-lamb bonding: oxytocin, cortisol and behavioural responses of lambs to human contacts and social separation. <i>Psychoneuroendocrinology</i> , 2013 , 38, 499-508	5	27
112	A fish-based index of estuarine ecological quality incorporating information from both scientific fish survey and experts knowledge. <i>Ecological Indicators</i> , 2013 , 32, 147-156	5.8	12
111	Strategies of the invasive macrophyte <i>Ludwigia grandiflora</i> in its introduced range: Competition, facilitation or coexistence with native and exotic species?. <i>Aquatic Botany</i> , 2013 , 107, 8-16	1.8	15
110	Winter host exploitation influences fitness traits in a parasitoid. <i>Entomologia Experimentalis Et Applicata</i> , 2013 , 147, 167-174	2.1	26
109	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	1.9	21
108	A decade of Predictions in Ungauged Basins (PUB) review. <i>Hydrological Sciences Journal</i> , 2013 , 58, 1198-1255	3.5	627
107	Banta Rhei Everything Flows Change in hydrology and society the IAHS Scientific Decade 2013-2022. <i>Hydrological Sciences Journal</i> , 2013 , 58, 1256-1275	3.5	452

106	Detection and quantification of staphylococcal enterotoxin A in foods with specific and sensitive polyclonal antibodies. <i>Food Control</i> , 2013 , 32, 255-261	6.2	27
105	Pilot-scale investigation of effectiveness of evaporation of skim milk compared to water. <i>Dairy Science and Technology</i> , 2013 , 93, 537-549		9
104	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	39
103	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	1.9	25
102	EcoTroph: a simple model to assess fishery interactions and their impacts on ecosystems. <i>ICES Journal of Marine Science</i> , 2013 , 70, 498-510	2.7	12
101	A hierarchical Bayesian model for embedding larval drift and habitat models in integrated life cycles for exploited fish 2013 , 23, 1659-76		29
100	Shape, shell, and vacuole formation during the drying of a single concentrated whey protein droplet. <i>Langmuir</i> , 2013 , 29, 15606-13	4	53
99	Two new species of aphid parasitoids (Hymenoptera, Braconidae, Aphidiinae) from the high arctic (Spitsbergen, Svalbard). <i>Zoologischer Anzeiger</i> , 2013 , 252, 34-40	1.1	5
98	Temporary water restriction or light intensity limitation promotes branching in rose bush. <i>Scientia Horticulturae</i> , 2013 , 150, 432-440	4.1	19
97	Identifying risk factors for eggshell contamination by <i>Bacillus cereus</i> group bacteria in French laying farms. <i>British Poultry Science</i> , 2013 , 54, 298-305	1.9	7
96	The GAG database: a new resource to gather genomic annotation cross-references. <i>Gene</i> , 2013 , 527, 503-9	3.8	
95	Construction and evaluation of confidence ellipses applied at sensory data. <i>Food Quality and Preference</i> , 2013 , 28, 106-115	5.8	68
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> , 2013 , 21, 96-104	3.1	18
93	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> , 2013 , 163, 757-74	6.6	119
92	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	6.2	17
91	Meeting present and future challenges in sustainable horticulture using virtual plants. <i>Frontiers in Plant Science</i> , 2013 , 4, 443	6.2	2
90	Rose bush leaf and internode expansion dynamics: analysis and development of a model capturing interplant variability. <i>Frontiers in Plant Science</i> , 2013 , 4, 418	6.2	7
89	Analysis of allele-specific expression in mouse liver by RNA-Seq: a comparison with Cis-eQTL identified using genetic linkage. <i>Genetics</i> , 2013 , 195, 1157-66	4	34

88	Oestradiol enhances apoptosis in bovine mammary epithelial cells in vitro. <i>Journal of Dairy Research</i> , 2013 , 80, 113-21	1.6	6
87	Trans-vaccenate is Δ^3 -desaturated by FADS3 in rodents. <i>Journal of Lipid Research</i> , 2013 , 54, 3438-52	6.3	34
86	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, 973-85	3.6	25
85	Genetic diversity of food-isolated Salmonella strains through Pulsed Field Gel Electrophoresis (PFGE) and Enterobacterial Repetitive Intergenic Consensus (ERIC-PCR). <i>PLoS ONE</i> , 2013 , 8, e81315	3.7	27
84	An emerging picture of the seed desiccome: confirmed regulators and newcomers identified using transcriptome comparison. <i>Frontiers in Plant Science</i> , 2013 , 4, 497	6.2	25
83	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> , 2013 , 64, 4559-73	7	89
82	Integrating Marine Protected Areas in fisheries management systems: some criteria for ecological efficiency. <i>Aquatic Living Resources</i> , 2013 , 26, 159-170	1.5	19
81	Are disulphide bonds formed during acid gelation of preheated milk?. <i>International Journal of Food Science and Technology</i> , 2013 , 48, 1940-1948	3.8	4
80	Dietary proteins contribute little to glucose production, even under optimal gluconeogenic conditions in healthy humans. <i>Diabetes</i> , 2013 , 62, 1435-42	0.9	28
79	The hard life of Phytophthora infestans: when trade-offs shape evolution in a biotrophic plant pathogen. <i>Plant Pathology</i> , 2013 , 62, 28-35	2.8	15
78	Response of soil structure and hydraulic conductivity to reduced tillage and animal manure in a temperate loamy soil. <i>Soil Use and Management</i> , 2013 , 29, 401-409	3.1	11
77	A success story: water primroses, aquatic plant pests. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2013 , 23, n/a-n/a	2.6	19
76	Assessing stocks in data-poor African fisheries: a case study on the white grouper <i>Epinephelus aeneus</i> of Mauritania. <i>African Journal of Marine Science</i> , 2013 , 35, 253-267	0.8	12
75	What Influences Farm Size Growth? An Illustration in Southwestern France. <i>Applied Economic Perspectives and Policy</i> , 2013 , 35, 242-269	4.4	10
74	Scales and drivers of local adaptation in <i>Brassica nigra</i> (Brassicaceae) populations. <i>American Journal of Botany</i> , 2013 , 100, 1162-70	2.7	8
73	Microgradients of pH do not occur around <i>Lactococcus</i> colonies in a model cheese. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 6516-8	4.8	6
72	Biochemical and micrographic evidence of <i>Escherichia coli</i> membrane damage during incubation in egg white under bactericidal conditions. <i>Journal of Food Protection</i> , 2013 , 76, 1523-9	2.5	10
71	An individual reproduction model sensitive to milk yield and body condition in Holstein dairy cows. <i>Animal</i> , 2013 , 7, 1332-43	3.1	10

70	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	5.4	50
69	The decrease in milk yield during once daily milking is due to regulation of synthetic activity rather than apoptosis of mammary epithelial cells in goats. <i>Animal</i> , 2013 , 7, 124-33	3.1	9
68	Non-parametric approaches to the impact of Holstein heifer growth from birth to insemination on their dairy performance at lactation one. <i>Journal of Agricultural Science</i> , 2013 , 151, 578-589	1	1
67	Clustering flood events from water quality time series using Latent Dirichlet Allocation model. <i>Water Resources Research</i> , 2013 , 49, 8187-8199	5.4	16
66	Monitoring restored riparian vegetation: how can recent developments in remote sensing sciences help?. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2013 , 10	1.4	35
65	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> , 2013 , 17, 1379-1391	5.5	68
64	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> , 2013 , 8, e60886	3.7	16
63	Functional gene polymorphism to reveal species history: the case of the CRTISO gene in cultivated carrots. <i>PLoS ONE</i> , 2013 , 8, e70801	3.7	11
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