

# Molecular Ecology Resources Primer De

## List of Publications by Year in descending order

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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	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
2	Long-term fishing impact on the Senegalese coastal demersal resources: diagnosing from stock assessment models. <i>Aquatic Living Resources</i> , 2018, 31, 8.	1.2	8
3	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
4	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
5	Global change in the trophic functioning of marine food webs. <i>PLoS ONE</i> , 2017, 12, e0182826.	2.5	43
6	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.	5.3	78
7	Minimizing the impact of fishing. <i>Fish and Fisheries</i> , 2016, 17, 785-802.	5.3	93
8	The need for a protean fisheries science to address the degradation of exploited aquatic ecosystems. <i>Aquatic Living Resources</i> , 2016, 29, E201.	1.2	3
9	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
10	New trophic indicators and target values for an ecosystem-based management of fisheries. <i>Ecological Indicators</i> , 2016, 61, 588-601.	6.3	40
11	Ecological indicators to capture the effects of fishing on biodiversity and conservation status of marine ecosystems. <i>Ecological Indicators</i> , 2016, 60, 947-962.	6.3	120
12	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.	1.4	2
13	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
14	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
15	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.	2.5	211
16	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
17	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
18	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

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19	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
20	Is there variety—? isolate interaction in the polygenic quantitative resistance of carrot to <i>Alternaria dauci</i> ?. <i>Euphytica</i> , 2015, 202, 235-243.	1.2	8
21	Size still matters. A response to SvedÅng (2013): Size matters: Ne quid nimis. <i>Fisheries Research</i> , 2015, 164, 329-330.	1.7	3
22	Phenoplant: a web resource for the exploration of large chlorophyll fluorescence image datasets. <i>Plant Methods</i> , 2015, 11, 24.	4.3	21
23	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.	1.9	5
24	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
25	Exploring root developmental plasticity to nitrogen with a three-dimensional architectural model. <i>Plant and Soil</i> , 2014, 385, 49-62.	3.7	23
26	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
27	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
28	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
29	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.	2.4	11
30	Retrospective and prospective dynamics of soil carbon sequestration in Sahelian agrosystems in Senegal. <i>Journal of Arid Environments</i> , 2014, 100-101, 100-105.	2.4	6
31	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
32	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.	3.6	12
33	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
34	Validation of a new in vitro dynamic system to simulate infant digestion. <i>Food Chemistry</i> , 2014, 145, 1039-1045.	8.2	164
35	SyNE: An improved indicator to assess nitrogen efficiency of farming systems. <i>Agricultural Systems</i> , 2014, 127, 41-52.	6.1	46
36	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.	2.5	19

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37	Balancing complexity and feasibility in Mediterranean coastal food-web models: uncertainty and constraints. <i>Marine Ecology - Progress Series</i> , 2014, 512, 71-88.	1.9	12
38	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.	1.4	3
39	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
40	Prediction of drying of dairy products using a modified balance-based desorption method. <i>Dairy Science and Technology</i> , 2013, 93, 347-355.	2.2	4
41	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.	7.7	13
42	A new unsupervised gene clustering algorithm based on the integration of biological knowledge into expression data. <i>BMC Bioinformatics</i> , 2013, 14, 42.	2.6	20
43	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.	1.3	12
44	Handling missing values in multiple factor analysis. <i>Food Quality and Preference</i> , 2013, 30, 77-85.	4.6	23
45	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
46	Specific stability of organic matter in a stormwater infiltration basin. <i>Journal of Soils and Sediments</i> , 2013, 13, 508-518.	3.0	8
47	Low nitrogen use efficiency and high nitrate leaching in a highly fertilized Coffea arabica "Inga densiflora agroforestry system: a <sup>15</sup> N labeled fertilizer study. <i>Nutrient Cycling in Agroecosystems</i> , 2013, 95, 377-394.	2.2	34
48	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
49	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.	3.8	2
50	Structural consequences of dry heating on alpha-lactalbumin and beta-lactoglobulin at pH 6.5. <i>Food Research International</i> , 2013, 51, 899-906.	6.2	20
51	Changes in mammary secretory tissue during lactation in ovariectomized dairy cows. <i>Steroids</i> , 2013, 78, 973-981.	1.8	7
52	Effects of the addition of various minerals, proteins and salts of organic acids on the principal steps of $\beta$ -lactose monohydrate crystallisation. <i>International Dairy Journal</i> , 2013, 30, 88-95.	3.0	20
53	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) <a href="#">Tj ETQq1 1 0.7843149gBT /Owlock 10</a>	4.9	14
54	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

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55	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
56	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
57	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
58	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.	2.4	20
59	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, 20617-20620.	7.1	110
60	Complexes between linoleate and native or aggregated $\beta$ -lactoglobulin: Interaction parameters and in vitro cytotoxic effect. <i>Food Chemistry</i> , 2013, 141, 2305-2313.	8.2	29
61	Storage of natural water samples and preservation techniques for pharmaceutical quantification. <i>Talanta</i> , 2013, 109, 31-45.	5.5	28
62	Comparative effects of well-balanced diets enriched in $\alpha$ -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
63	Is the Penman-Monteith model adapted to predict crop transpiration under greenhouse conditions? Application to a New Guinea <i>Impatiens</i> crop. <i>Scientia Horticulturae</i> , 2013, 152, 80-91.	3.6	32
64	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
65	Towards a better control of dairy powder rehydration processes. <i>International Dairy Journal</i> , 2013, 31, 18-28.	3.0	58
66	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
67	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
68	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
69	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.	4.2	11
70	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 April 2013-31 May 2013. <i>Molecular Ecology Resources</i> , 2013, 13, 966-968.	4.8	19
71	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
72	Identification and characterization of functional centromeres of the common bean. <i>Plant Journal</i> , 2013, 76, 47-60.	5.7	61

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73	Dynamic Impacts of a Catastrophic Production Event: The Foot-and-Mouth Disease Case. <i>Risk Analysis</i> , 2013, 33, 480-492.	2.7	1
74	Weed dispersal by farming at various spatial scales. A review. <i>Agronomy for Sustainable Development</i> , 2013, 33, 205-217.	5.3	50
75	Using functional approaches to study phytoplankton communities in a temperate region exposed to tropical species dispersal. <i>Hydrobiologia</i> , 2013, 702, 267-282.	2.0	19
76	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
77	$\beta$ -Lactoglobulin-linoleate complexes: In vitro digestion and the role of protein in fatty acid uptake. <i>Journal of Dairy Science</i> , 2013, 96, 4258-4268.	3.4	10
78	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
79	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
80	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
81	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
82	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
83	Missing values in multi-level simultaneous component analysis. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2013, 129, 21-32.	3.5	9
84	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
85	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.	4.7	12
86	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.	2.1	10
87	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
88	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
89	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
90	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

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91	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. <i>Molecular Plant Pathology</i> , 2013, 14, 506-517.	4.2	19
92	Differential induction of oxylipin pathway in potato and tobacco cells by bacterial and oomycete elicitors. <i>Plant Cell Reports</i> , 2013, 32, 579-589.	5.6	12
93	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
94	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
95	Limited RNA Editing in Exons of Mouse Liver and Adipose. <i>Genetics</i> , 2013, 193, 1107-1115.	2.9	24
96	Invited review: Reduced milking frequency: Milk production and management implications. <i>Journal of Dairy Science</i> , 2013, 96, 3401-3413.	3.4	81
97	Ideal Profile Method (IPM): The ins and outs. <i>Food Quality and Preference</i> , 2013, 28, 45-59.	4.6	35
98	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, 1728-1732.	1.6	0
99	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.	3.2	6
100	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
101	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.	6.3	12
102	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.	1.6	19
103	Winter host exploitation influences fitness traits in a parasitoid. <i>Entomologia Experimentalis Et Applicata</i> , 2013, 147, 167-174.	1.4	34
104	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
105	A decade of Predictions in Ungauged Basins (PUB) a review. <i>Hydrological Sciences Journal</i> , 2013, 58, 1198-1255.	2.6	821
106	"Panta Rhei" Everything Flows: Change in hydrology and society The IAHS Scientific Decade 2013-2022. <i>Hydrological Sciences Journal</i> , 2013, 58, 1256-1275.	2.6	569
107	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
108	Pilot-scale investigation of effectiveness of evaporation of skim milk compared to water. <i>Dairy Science and Technology</i> , 2013, 93, 537-549.	2.2	13

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109	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
110	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
111	EcoTroph: a simple model to assess fishery interactions and their impacts on ecosystems. <i>ICES Journal of Marine Science</i> , 2013, 70, 498-510.	2.5	13
112	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
113	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
114	Two new species of aphid parasitoids (Hymenoptera, Braconidae, Aphidiinae) from the high arctic (Spitsbergen, Svalbard). <i>Zoologischer Anzeiger</i> , 2013, 252, 34-40.	0.9	9
115	Temporary water restriction or light intensity limitation promotes branching in rose bush. <i>Scientia Horticulturae</i> , 2013, 150, 432-440.	3.6	25
116	Identifying risk factors for eggshell contamination by <i>Bacillus cereus</i> group bacteria in French laying farms. <i>British Poultry Science</i> , 2013, 54, 1-8.	1.7	9
117	The GAG database: A new resource to gather genomic annotation cross-references. <i>Gene</i> , 2013, 527, 503-509.	2.2	0
118	Construction and evaluation of confidence ellipses applied at sensory data. <i>Food Quality and Preference</i> , 2013, 28, 106-115.	4.6	91
119	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.	2.9	18
120	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, 757-774.	4.8	155
121	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
122	Meeting present and future challenges in sustainable horticulture using virtual plants. <i>Frontiers in Plant Science</i> , 2013, 4, 443.	3.6	4
123	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.	3.6	10
124	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
125	Oestradiol enhances apoptosis in bovine mammary epithelial cells in vitro. <i>Journal of Dairy Research</i> , 2013, 80, 113-121.	1.4	9
126	Trans-vaccenate is $\delta^{13}$ -desaturated by FADS3 in rodents. <i>Journal of Lipid Research</i> , 2013, 54, 3438-3452.	4.2	35



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127	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
128	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.	2.5	39
129	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
130	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, 4559-4573.	4.8	120
131	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
132	Are disulphide bonds formed during acid gelation of preheated milk?. <i>International Journal of Food Science and Technology</i> , 2013, 48, 1940-1948.	2.7	4
133	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
134	The hard life of <i>Ptychophthora infestans</i> : when trade-offs shape evolution in a biotrophic plant pathogen. <i>Plant Pathology</i> , 2013, 62, 28-35.	2.4	17
135	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.	4.9	13
136	A success story: water primroses, aquatic plant pests. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2013, 23, 790-803.	2.0	57
137	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.	1.1	15
138	What Influences Farm Size Growth? An Illustration in Southwestern France. <i>Applied Economic Perspectives and Policy</i> , 2013, 35, 242-269.	5.6	17
139	Scales and drivers of local adaptation in <i>Brassica nigra</i> (Brassicaceae) populations. <i>American Journal of Botany</i> , 2013, 100, 1162-1170.	1.7	9
140	Microgradients of pH Do Not Occur around Lactococcus Colonies in a Model Cheese. <i>Applied and Environmental Microbiology</i> , 2013, 79, 6516-6518.	3.1	7
141	Biochemical and Micrographic Evidence of Escherichia coli Membrane Damage during Incubation in Egg White under Bactericidal Conditions. <i>Journal of Food Protection</i> , 2013, 76, 1523-1529.	1.7	10
142	An individual reproduction model sensitive to milk yield and body condition in Holstein dairy cows. <i>Animal</i> , 2013, 7, 1332-1343.	3.3	12
143	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
144	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, 124-133.	3.3	9

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145	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.	1.3	1
146	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
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