

Sergio PÃ©rez-Elizalde

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,466
citations

840119

11
h-index

610482

24
g-index

30
all docs

30
docs citations

30
times ranked

1868
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic Selection in Plant Breeding: Methods, Models, and Perspectives. <i>Trends in Plant Science</i> , 2017, 22, 961-975.	4.3	1,004
2	Genomic Prediction of Genotype \times Environment Interaction Kernel Regression Models. <i>Plant Genome</i> , 2016, 9, plantgenome2016.03.0024.	1.6	118
3	Genomic models with genotype \times environment interaction for predicting hybrid performance: an application in maize hybrids. <i>Theoretical and Applied Genetics</i> , 2017, 130, 1431-1440.	1.8	46
4	Estimation of genetic parameters for productive life, reproduction, and milk-production traits in US dairy goats. <i>Journal of Dairy Science</i> , 2014, 97, 2462-2473.	1.4	42
5	Bayesian Estimation of the Additive Main Effects and Multiplicative Interaction Model. <i>Crop Science</i> , 2011, 51, 1458-1469.	0.8	39
6	Selection of the Bandwidth Parameter in a Bayesian Kernel Regression Model for Genomic-Enabled Prediction. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2015, 20, 512-532.	0.7	38
7	A General Bayesian Estimation Method of Linear \times Bilinear Models Applied to Plant Breeding Trials With Genotype \times Environment Interaction. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2012, 17, 15-37.	0.7	24
8	Linear and nonlinear genetic relationships between type traits and productive life in US dairy goats. <i>Journal of Dairy Science</i> , 2017, 100, 1232-1245.	1.4	23
9	Estimación poblacional y conservación de felinos (Carnivora: Felidae) en el norte de Quintana Roo, México. <i>Revista De Biología Tropical</i> , 2015, 63, 799.	0.1	20
10	A Hierarchical Bayesian Estimation Model for Multienvironment Plant Breeding Trials in Successive Years. <i>Crop Science</i> , 2016, 56, 2260-2276.	0.8	16
11	Leguminous trees from tropical dry forest generate fertility islands in pastures. <i>Arid Land Research and Management</i> , 2018, 32, 57-70.	0.6	15
12	Foraging behavior of heifers with or without social models in an unfamiliar site containing high plant diversity. <i>Livestock Science</i> , 2010, 131, 73-82.	0.6	11
13	lme4GS: An R-Package for Genomic Selection. <i>Frontiers in Genetics</i> , 2021, 12, 680569.	1.1	10
14	Overlap in activity patterns between big cats and their main prey in northern Quintana Roo, Mexico. <i>Therya</i> , 2016, 7, 439-448.	0.2	9
15	Bayesian Genomic-Enabled Prediction as an Inverse Problem. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1991-2001.	0.8	6
16	A Bayesian Genomic Regression Model with Skew Normal Random Errors. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1771-1785.	0.8	6
17	Rendimiento y calidad nutritiva del forraje en un sistema silvopastoril intensivo con <i>Leucaena leucocephala</i> y <i>Megathyrus maximus</i> cv. Tanzania. <i>Revista Mexicana De Ciencias Pecuarias</i> , 2020, 11, 53-69.	0.1	6
18	Rindsel: An R Package for Phenotypic and Molecular Selection Indices Used in Plant Breeding. <i>Methods in Molecular Biology</i> , 2014, 1145, 87-96.	0.4	5

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19	Ecology of Puma concolor (Carnivora: Felidae) in a mexican tropical forest: adaptation to environmental disturbances. Revista De Biologia Tropical, 2017, 66, 78.	0.1	5
20	A Bayesian Decision Theory Approach for Genomic Selection. G3: Genes, Genomes, Genetics, 2018, 8, 3019-3037.	0.8	4
21	Litterfall from tropical dry forest trees scattered in pastures. Revista Chapingo, Serie Ciencias Forestales Y Del Ambiente, 2020, 26, 409-418.	0.1	4
22	Letter to the Editor. Biometrical Journal, 2009, 51, 736-738.	0.6	3
23	Habitat use of jaguar (Panthera onca) in a tropical forest in northern Quintana Roo, Mexico. Revista Mexicana De Biodiversidad, 2019, 90, .	0.4	3
24	RlndSel: Selection Indices with R. , 2018, , 243-256.		3
25	Application of multi-trait Bayesian decision theory for parental genomic selection. G3: Genes, Genomes, Genetics, 2021, 11, .	0.8	2
26	Identificaci3n de cambios en la ciclo3nesis del Atl3ntico Norte mediante un modelo de mezclas Gaussianas. Tecnologia Y Ciencias Del Agua, 2017, 08, 05-18.	0.1	0
27	El uso del riego como indicador de la rentabilidad en empresas agr3colas familiares en M3xico. Ingenier3a Y Regi3n, 0, 26, 45-54.	0.0	0
28	An3lisis espacial bayesiano del 3ndice de Desarrollo Humano municipal, Oaxaca, 2010: una medida de eficiencia. Econom3a, Sociedad Y Territorio, 2022, 22, 631-659.	0.1	0