Julio Marcos-Filho

List of Publications by Year
in descending order

46 papers	1,052 citations	516710 16 h-index	477307 29 g-index
46 all docs	46 docs citations	46 times ranked	835 citing authors

#	Article	IF	Citations
1	Seed vigor testing: an overview of the past, present and future perspective. Scientia Agricola, 2015, 72, 363-374.	1.2	273
2	MÃ©todos para avaliaÃ§Ã£o do vigor de sementes de soja, incluindo a anÃ¡lise computadorizada de imagens. Revista Brasileira De Sementes = Brazilian Seed Journal, 2009, 31, 102-112.	0.5	75
3	Comparison of three priming techniques for onion seed lots differing in initial seed quality. Seed Science and Technology, 2004, 32, 365-375.	1.4	56
4	Relationship between germination and bell pepper seed structure assessed by the X-ray test. Scientia Agricola, 2011, 68, 411-416.	1.2	46
5	Assessment of melon seed vigour by an automated computer imaging system compared to traditional procedures. Seed Science and Technology, 2006, 34, 485-497.	1.4	44
6	Tetrazolium test to assess viability and vigour of tomato seeds. Seed Science and Technology, 2007, 35, 213-223.	1.4	37
7	Vigor-S, a new system for evaluating the physiological potential of maize seeds. Scientia Agricola, 2018, 75, 167-172.	1.2	29
8	Onion seed vigor in relation to plant growth and yield. Horticultura Brasileira, 2003, 21, 220-226.	0.5	28
9	Assessment of physiological potential of cucumber seeds using the software Seedling Vigor Imaging SystemÂ® (SVISÂ®). Revista Brasileira De Sementes = Brazilian Seed Journal, 2012, 34, 255-263.	0.5	28
10	Automated system of seedling image analysis (SVIS) and electrical conductivity to assess sun hemp seed vigor. Revista Brasileira De Sementes = Brazilian Seed Journal, 2012, 34, 55-60.	0.5	25
11	Accelerated aging of melon seeds. Scientia Agricola, 2003, 60, 77-82.	1.2	24
12	AvaliaÃ§Ã£o do vigor de sementes de trigo pelos tetes de envelhecimento acalerado e de frio. Revista Brasileira De Sementes = Brazilian Seed Journal, 2006, 28, 152-158.	0.5	22
13	Testes de vigor em sementes de alface. Horticultura Brasileira, 2012, 30, 44-50.	0.5	21
14	Potassium leakage and maize seed physiological potential. Scientia Agricola, 2002, 59, 315-319.	1.2	20
15	Accelerated aging and controlled deterioration for the determination of the physiological potential of onion seeds. Scientia Agricola, 2003, 60, 465-469.	1.2	20
16	Vigor de sementes de rabanete e desempenho de plantas em campo. Revista Brasileira De Sementes = Brazilian Seed Journal, 2006, 28, 44-51.	0.5	19
17	AvaliaÃ§Ã£o do vigor de sementes de milho superdoce por meio da anÃ¡lise computadorizada de imagens de plÃ¢ntulas. Revista Brasileira De Sementes = Brazilian Seed Journal, 2012, 34, 488-494.	0.5	19
18	Dormancy as exaptation to protect mimetic seeds against deterioration before dispersal. Annals of Botany, 2010, 105, 991-998.	2.9	18

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19	Using Tomato Analyzer software to determine embryo size in x-rayed seeds. Revista Brasileira De Sementes = Brazilian Seed Journal, 2010, 32, 146-153.	0.5	17
20	AvaliaÃ§Ã£o do potencial fisiolÃ³gico de lotes de sementes de soja. Revista Brasileira De Sementes = Brazilian Seed Journal, 2011, 33, 743-751.	0.5	17
21	Teste de raios X para avaliaÃ§Ã£o do potencial fisiolÃ³gico de sementes de ipÃª-roxo. Revista Brasileira De Sementes = Brazilian Seed Journal, 2011, 33, 601-607.	0.5	14
22	Potencial fisiolÃ³gico de sementes de couve-flor e desempenho das plantas em campo. Revista Brasileira De Sementes = Brazilian Seed Journal, 2007, 29, 107-113.	0.5	13
23	Vigor-S: System for Automated Analysis of Soybean Seed Vigor. Journal of Seed Science, 0, 42, .	0.7	13
24	Condicionamento fisiolÃ³gico de sementes de couve-flor e desempenho das plantas em campo. Horticultura Brasileira, 2008, 26, 165-169.	0.5	13
25	Seed performance of different corn genotypes during storage. Journal of Seed Science, 2013, 35, 207-215.	0.7	12
26	Performance of Bell Pepper Seeds in Response to Drum Priming with Addition of 24-Epibrassinolide. Hortscience: A Publication of the American Society for Hortcultural Science, 2015, 50, 873-878.	1.0	12
27	Physiological potential of cauliflower seeds. Scientia Agricola, 2008, 65, 374-380.	1.2	11
28	Controlled deterioration test and use of the Seed Vigor Imaging System (SVIS Â®) to evaluate the physiological potential of crambe seeds. Journal of Seed Science, 2017, 39, 393-400.	0.7	11
29	MÃ©todos para a secagem de sementes de cebola submetidas ao condicionamento fisiolÃ³gico. Horticultura Brasileira, 2005, 23, 887-892.	0.5	11
30	AnÃ¡lise de imagens no estudo morfolÃ³gico e fisiolÃ³gico de sementes de abÃ³bora. Horticultura Brasileira, 2014, 32, 210-214.	0.5	11
31	Priming of pioneer tree Guazuma ulmifolia (Malvaceae) seeds evaluated by an automated computer image analysis. Scientia Agricola, 2010, 67, 274-279.	1.2	9
32	Semi-automated assessment of the embryonic area of cucumber seeds and its relationship to germination and seedling length. Journal of Seed Science, 2013, 35, 183-189.	0.7	9
33	Estado energÃ©tico da Ã¡gua na semente de milho no processo de germinaÃ§Ã£o. Revista Brasileira De Sementes = Brazilian Seed Journal, 2003, 25, 95-100.	0.5	8
34	Condicionamento fisiolÃ³gico de sementes de pepino e germinaÃ§Ã£o sob diferentes temperaturas. Revista Brasileira De Sementes = Brazilian Seed Journal, 2010, 32, 138-147.	0.5	8
35	Vigor de sementes e desempenho agronÃ´mico de plantas de algodÃ£o. Revista Brasileira De Sementes = Brazilian Seed Journal, 2012, 34, 108-116.	0.5	8
36	Morphological and physiological changes during maturation of okra seeds evaluated through image analysis. Scientia Agricola, 2020, 77, .	1.2	7

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37	Condicionamento fisiolÃ³gico de sementes de couve-flor. Horticultura Brasileira, 2009, 27, 240-245.	0.5	6
38	Swingle citrumelo seed vigor and storability associated with fruit maturity classes based on RGB parameters. Scientia Agricola, 2017, 74, 357-363.	1.2	6
39	Seedling imaging analysis and traditional tests to assess okra seed vigor. Journal of Seed Science, 2013, 35, 443-448.	0.7	5
40	Vigor evaluation of stored cotton seeds, including the Seed Vigor Imaging System (SVISÂ®). Journal of Seed Science, 2014, 36, 222-230.	0.7	5
41	Assessment of squash seed vigor using computerized image analysis. Journal of Seed Science, 2017, 39, 159-165.	0.7	5
42	Procedimentos para conduÃ§Ã£o de testes de vigor baseados na tolerÃ¢ncia ao estresse tÃ©rmico em sementes de pepino. Revista Brasileira De Sementes = Brazilian Seed Journal, 2011, 33, 45-53.	0.5	5
43	Assessment of the physiological potential of super sweet corn seeds. Journal of Seed Science, 2013, 35, 340-346.	0.7	5
44	Relationship between size and physiological potential of soya bean seeds under variations in water availability. Seed Science and Technology, 2018, 46, 497-510.	1.4	3
45	Storage performance of primed bell pepper seeds with 24â€Epibrassinolide. Agronomy Journal, 2020, 112, 948-960.	1.8	3
46	Assessment of physiological potential of stored pea (Pisum sativum L.) seeds. Journal of Seed Science, 2013, 35, 42-50.	0.7	1