

# Julio Marcos-Filho

## List of Publications by Year in descending order

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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	Storage performance of primed bell pepper seeds with 24-epibrassinolide. <i>Agronomy Journal</i> , 2020, 112, 948-960.	1.8	3
2	Morphological and physiological changes during maturation of okra seeds evaluated through image analysis. <i>Scientia Agricola</i> , 2020, 77, .	1.2	7
3	Vigor-S, a new system for evaluating the physiological potential of maize seeds. <i>Scientia Agricola</i> , 2018, 75, 167-172.	1.2	29
4	Relationship between size and physiological potential of soya bean seeds under variations in water availability. <i>Seed Science and Technology</i> , 2018, 46, 497-510.	1.4	3
5	Controlled deterioration test and use of the Seed Vigor Imaging System (SVIS <sup>®</sup> ) to evaluate the physiological potential of crambe seeds. <i>Journal of Seed Science</i> , 2017, 39, 393-400.	0.7	11
6	Swingle citrumele seed vigor and storability associated with fruit maturity classes based on RGB parameters. <i>Scientia Agricola</i> , 2017, 74, 357-363.	1.2	6
7	Assessment of squash seed vigor using computerized image analysis. <i>Journal of Seed Science</i> , 2017, 39, 159-165.	0.7	5
8	Seed vigor testing: an overview of the past, present and future perspective. <i>Scientia Agricola</i> , 2015, 72, 363-374.	1.2	273
9	Performance of Bell Pepper Seeds in Response to Drum Priming with Addition of 24-Epibrassinolide. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015, 50, 873-878.	1.0	12
10	Vigor evaluation of stored cotton seeds, including the Seed Vigor Imaging System (SVIS <sup>®</sup> ). <i>Journal of Seed Science</i> , 2014, 36, 222-230.	0.7	5
11	Análise de imagens no estudo morfológico e fisiológico de sementes de abóbora. <i>Horticultura Brasileira</i> , 2014, 32, 210-214.	0.5	11
12	Assessment of physiological potential of stored pea ( <i>Pisum sativum</i> L.) seeds. <i>Journal of Seed Science</i> , 2013, 35, 42-50.	0.7	1
13	Seedling imaging analysis and traditional tests to assess okra seed vigor. <i>Journal of Seed Science</i> , 2013, 35, 443-448.	0.7	5
14	Seed performance of different corn genotypes during storage. <i>Journal of Seed Science</i> , 2013, 35, 207-215.	0.7	12
15	Semi-automated assessment of the embryonic area of cucumber seeds and its relationship to germination and seedling length. <i>Journal of Seed Science</i> , 2013, 35, 183-189.	0.7	9
16	Assessment of the physiological potential of super sweet corn seeds. <i>Journal of Seed Science</i> , 2013, 35, 340-346.	0.7	5
17	Testes de vigor em sementes de alface. <i>Horticultura Brasileira</i> , 2012, 30, 44-50.	0.5	21
18	Assessment of physiological potential of cucumber seeds using the software Seedling Vigor Imaging System <sup>®</sup> (SVIS <sup>®</sup> ). <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , 2012, 34, 255-263.	0.5	28

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19	Automated system of seedling image analysis (SVIS) and electrical conductivity to assess sun hemp seed vigor. <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , 2012, 34, 55-60.	0.5	25
20	Avaliação do vigor de sementes de milho superdoce por meio da análise computadorizada de imagens de plântulas. <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , 2012, 34, 488-494.	0.5	19
21	Vigor de sementes e desempenho agrônomico de plantas de algodão. <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , 2012, 34, 108-116.	0.5	8
22	Teste de raios X para avaliação do potencial fisiológico de sementes de ipê-roxo. <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , 2011, 33, 601-607.	0.5	14
23	Relationship between germination and bell pepper seed structure assessed by the X-ray test. <i>Scientia Agricola</i> , 2011, 68, 411-416.	1.2	46
24	Procedimentos para condução de testes de vigor baseados na tolerância ao estresse térmico em sementes de pepino. <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , 2011, 33, 45-53.	0.5	5
25	Avaliação do potencial fisiológico de lotes de sementes de soja. <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , 2011, 33, 743-751.	0.5	17
26	Condicionamento fisiológico de sementes de pepino e germinação sob diferentes temperaturas. <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , 2010, 32, 138-147.	0.5	8
27	Dormancy as exaptation to protect mimetic seeds against deterioration before dispersal. <i>Annals of Botany</i> , 2010, 105, 991-998.	2.9	18
28	Using Tomato Analyzer software to determine embryo size in x-rayed seeds. <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , 2010, 32, 146-153.	0.5	17
29	Priming of pioneer tree <i>Guazuma ulmifolia</i> (Malvaceae) seeds evaluated by an automated computer image analysis. <i>Scientia Agricola</i> , 2010, 67, 274-279.	1.2	9
30	Métodos para avaliação do vigor de sementes de soja, incluindo a análise computadorizada de imagens. <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , 2009, 31, 102-112.	0.5	75
31	Condicionamento fisiológico de sementes de couve-flor. <i>Horticultura Brasileira</i> , 2009, 27, 240-245.	0.5	6
32	Physiological potential of cauliflower seeds. <i>Scientia Agricola</i> , 2008, 65, 374-380.	1.2	11
33	Condicionamento fisiológico de sementes de couve-flor e desempenho das plantas em campo. <i>Horticultura Brasileira</i> , 2008, 26, 165-169.	0.5	13
34	Tetrazolium test to assess viability and vigour of tomato seeds. <i>Seed Science and Technology</i> , 2007, 35, 213-223.	1.4	37
35	Potencial fisiológico de sementes de couve-flor e desempenho das plantas em campo. <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , 2007, 29, 107-113.	0.5	13
36	Vigor de sementes de rabanete e desempenho de plantas em campo. <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , 2006, 28, 44-51.	0.5	19

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37	Assessment of melon seed vigour by an automated computer imaging system compared to traditional procedures. <i>Seed Science and Technology</i> , 2006, 34, 485-497.	1.4	44
38	Avaliação do vigor de sementes de trigo pelos testes de envelhecimento acelerado e de frio. <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , 2006, 28, 152-158.	0.5	22
39	Métodos para a secagem de sementes de cebola submetidas ao condicionamento fisiológico. <i>Horticultura Brasileira</i> , 2005, 23, 887-892.	0.5	11
40	Comparison of three priming techniques for onion seed lots differing in initial seed quality. <i>Seed Science and Technology</i> , 2004, 32, 365-375.	1.4	56
41	Estado energético da água na semente de milho no processo de germinação. <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , 2003, 25, 95-100.	0.5	8
42	Accelerated aging of melon seeds. <i>Scientia Agricola</i> , 2003, 60, 77-82.	1.2	24
43	Onion seed vigor in relation to plant growth and yield. <i>Horticultura Brasileira</i> , 2003, 21, 220-226.	0.5	28
44	Accelerated aging and controlled deterioration for the determination of the physiological potential of onion seeds. <i>Scientia Agricola</i> , 2003, 60, 465-469.	1.2	20
45	Potassium leakage and maize seed physiological potential. <i>Scientia Agricola</i> , 2002, 59, 315-319.	1.2	20
46	Vigor-S: System for Automated Analysis of Soybean Seed Vigor. <i>Journal of Seed Science</i> , 0, 42, .	0.7	13