2018 RTB Journal Articles

RESEARCH PROGRAM ON Roots, Tubers and Bananas

Citation	DOI Link	CGSpace Link	Flagship	Cluster	Open access	Journal Name	ISI Journal	Impact Factor (2017)	Peer reviewed
Norman Prince Emmanuel, Asrat Asfaw, Pangirayi Tongoona, Agyemang Danquah, Eric Danquah, David DeKoeyer, Robert Asiedu. (27/6/2018). Can parentage analysis facilitate breeding activities in root and tuber crops?. Agriculture, 95(8), pp. 2-24.	https://dx.doi.org/10.3390/agriculture8070095	http://hdl.handle.net/10568/96137	FP1	Cluster - 1.1	Yes	Agriculture	Y	0.33	Y
Alberto Cenci, Mathieu Rouard, Nathalie Chantret. (11/12/2018). Glycosyltransferase family 61 in Liliopsida (monocot): the story of a gene family expansion.. Frontiers in Plant Science, 9.	https://dx.doi.org/10.3389/fpls.2018.01843		FP1	Cluster - 1.2	Yes	Frontiers in Plant Science	Y	1.73	Y
Alfred Ozimati, Robert Kawuki, Williams Esuma, Ismail Kayondo, Marnin Wolfe, Roberto Lozano, Ismail Rabbi, Peter Kulakow, Jean-Luc Jannink. (10/12/2018). Training population optimization for prediction of cassava brown streak disease resistance in west African clones. G3, 8(12), pp. 3903-3913.	https://dx.doi.org/10.1534/g3.118.200710	http://hdl.handle.net/10568/99125	FP1	Cluster - 1.2	Yes	G3	Y	1.76	Y
Ani A. Elias, Ismail Rabbi, Peter Kulakow, Jean-Luc Jannink. (1/3/2018). Improving genomic prediction in cassava field experiments by accounting for interplot competition. G3, 8(3), pp. 933-944.	https://dx.doi.org/10.1534/g3.117.300354	http://hdl.handle.net/10568/96120	FP1	Cluster - 1.2	Yes	G3	Y	1.76	Y
Babak Behnam, Adriana Bohorquez-Chaux, Oscar Castañeda, Hiroyuki Tsuji, Manabu Ishitani, Luis Augusto Becerra Lopez-lavalle. (24/11/2018). An optimized isolation protocol yields high-quality RNA from cassava tissues (Manihot esculenta Crantz). FEBS Open Bio, 2, pp. 1-12.	https://dx.doi.org/10.1002/2211-5463.12561	http://hdl.handle.net/10568/98372	FP1	Cluster - 1.2	Yes	FEBS Open Bio	Y	0.88	Y
Chiedozie Egesi, Jean-Luc Jannink, Lydia Ezenwaka, Dunia Pino del Carpio, Ismail Rabbi, Eric Danquah, Prof.I. Asante, Essie Blay. (23/8/2018). Genome-wide association study of resistance to cassava green mite pest and related traits in cassava. Crop Science Society of America, 58(5), pp. 1907-1918.	https://dx.doi.org/10.2135/cropsci2018.01.0024	http://hdl.handle.net/10568/97154	FP1	Cluster - 1.2	Yes	Crop Science	Y	0.79	Y
Elliot Price, Ranjana Bhattacharjee, Antonio Lopez-montes, Fraser Paul. (27/3/2018). Carotenoid profiling of yams: clarity, comparisons and diversity. Food Chemistry, 259(1), pp. 130-138.	https://dx.doi.org/10.1016/j.foodchem.2018.03.066	http://hdl.handle.net/10568/92837	FP1	Cluster - 1.2	Yes	Food Chemistry	Y	1.79	Y
Franc-Cristhophe Baurens, Guillaume Martin, Catherine Hervouet, Salmon Frederic, Sebastien Ricci, Mathieu Rouard, Arnaud Lemainque, Yahiaoui Nabila, Angelique D'hont. (6/11/2018). Recombination and Large Structural Variations Shape Interspecific Edible Bananas Genomes. Molecular Biology and Evolution, 36(1), pp. 97-111.	https://dx.doi.org/10.1093/molbev/msy199		FP1	Cluster - 1.2	Yes	Molecular Biology and Evolution	Y	5.47	Y
Kin Lau, Dorcus Gemenet, Shan Wu, Zhangjun Fei, Muhammad Azeem Khan. (30/10/2018). Transcriptomic analysis of sweetpotato under dehydration stress identifies candidate genes for drought tolerance. Plant Direct, 2(10), pp. 25-32.	https://dx.doi.org/10.1002/pld3.92		FP1	Cluster - 1.2	Yes	Plant Direct	Y	N	Y
Margit Drapal, Elisabete Barros de Carvalho, Tatiana Ovalle, Luis Augusto Becerra Lopez-lavalle, Fraser Paul. (17/12/2018). Capturing biochemical diversity in cassava (Manihot esculenta Crantz) through the application of metabolite profiling. Journal of Agricultural and Food Chemistry, 67(3), pp. 986-993.	https://dx.doi.org/10.1021/acs.jafc.8b04769		FP1	Cluster - 1.2	Yes	Journal of Agricultural and Food Chemistry	Y	1.27	Y
Mathieu Rouard, Gaetan Droc, Guillaume Martin, Valentin Guignon, Alberto Cenci, Angelique D'hont, Nicolas Roux. (13/10/2018). Three new genome assemblies support a rapid radiation in Musa acuminata (wild banana) . Genome Biology and Evolution, 10.	https://dx.doi.org/10.1093/gbe/evy227		FP1	Cluster - 1.2	Yes	Genome Biology and Evolution	Y	2.58	Y
Shan Wu, Dorcus Gemenet, Robert Obadiah Malagala Mwanga, Marc Ghislain, Kin Lau, Bode Olukolu, Haiyan Wang, Mercy Kitavi, Wolfgang Johann Gruneberg. (2/11/2018). Genome sequences of two diploid wild relatives of cultivated sweetpotato reveal target for genetic improvements.	https://dx.doi.org/10.1038/s41467-018-06983-8		FP1	Cluster - 1.2	Yes	Nature Communications	Y	6.58	Y
Xianzhou Nie, David de Koeyer, Virginia Dickison, Sydney Brooks, Bihua Nie, Mathuresh Singh, Agnes Murphy. (1/2/2018). High resolution DNA melting assays for detection of Rx1 and Rx2 for high-throughput marker assisted selection for extreme resistance to Potato virus X in tetraploid potato. Plant Disease, 102(2).	https://dx.doi.org/10.1094/pdis-07-17-0968-re	http://hdl.handle.net/10568/89939	FP1	Cluster - 1.2	Yes	Plant Disease	Y	0.57	Y

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Marc Ghislain, Laura Nadia Jara Vidalon Orillo, Rosario Herrera, Cinzia Riccio, Frank Guzman, Ida Bartolini. (31/5/2018). Molecular and genetic characterization of the Ry adg locus on chromosome XI from Andigena potatoes conferring extreme resistance to potato virus Y.. TAG Theoretical and Applied Genetics, 131(9), pp. 1925-1938.	https://dx.doi.org/10.1007/s00122-018-3123-5	http://hdl.handle.net/10568/93178	FP1	Cluster - 1.3	Yes	TAG Theoretical and Applied Genetics	Y	N	Y
Paula Diaz Tatis, Mariana Herrera, Juan Ochoa, Adriana Medina, Monica Prias, Valerie Verdier, Paul Chavarriaga, Camilo Lopez. (16/2/2018). The overexpression of RXam1, a cassava gene coding for an RLK, confers disease resistance to Xanthomonas axonopodis pv. Manihotis. Planta, 247(4), pp. 1031-1042.	https://dx.doi.org/10.1007/s00425-018-2863-4	http://hdl.handle.net/10568/91967	FP1	Cluster - 1.3	No	Planta	Y	1.51	Y
Franklin Plasencia Amaya, Henry Juarez, Severin Polreich, Stef De Haan. (29/6/2018). Evaluación de la distribución espacial de la biodiversidad de papa en los distritos de Challabamba en Cusco y Quilcas en Junín mediante el uso del mapeo participativo = Assessment of the spatial distribution of potato biodiversity in the districts of Challabamba in Cusco and Quilcas in Junín through the use of participatory mapping. Revista del Instituto de Investigaciones de la Facultad de Geología, 21(41), pp. 17-24.		http://hdl.handle.net/10568/97454	FP1	Cluster - 1.4	Yes	Revista del Instituto de Investigaciones de la Facultad de Geología	N	N	Y
Julie Sardos, Max Ruas, Nicolas Roux, Pavla Christelová, J Paofa, Steven Janssens, J Daniells, Jaroslav Dolezel. (25/9/2018). Collection of new diversity of wild and cultivated bananas (Musa spp.) in the Autonomous Region of Bougainville, Papua New Guinea. Genetic Resources and Crop Evolution, 65(8), pp. 2267-2286.	https://dx.doi.org/10.1007/s10722-018-0690-x	http://hdl.handle.net/10568/97657	FP1	Cluster - 1.4	Yes	Genetic Resources and Crop Evolution	Y	0.52	Y
Stef De Haan, Andrew Jones, Hilary Creed-Kanashiro, Karl Zimmerer, Miluska Carrasco, Krysty Meza, Milka Tello, Franklin Plasencia Amaya, Lizette Ganoza. (1/10/2018). Farm-Level Agricultural Biodiversity in the Peruvian Andes Is Associated with Greater Odds of Women Achieving a Minimally Diverse and Micronutrient Adequate Diet. Journal of Nutrition, 148(10), pp. 1625-1637.	https://dx.doi.org/10.1093/jn/nxy166		FP1	Cluster - 1.4	Yes	Journal of Nutrition	Y	2.19	Y
Daniel Akansake, Putri Ernawati Abidin, Ted Carey. (18/10/2018). Modeling the impact of sweetpotato weevils on storage root yield. Open Agriculture, 3(1), pp. 319-325.	https://dx.doi.org/10.1515/opag-2018-0035	http://hdl.handle.net/10568/99121	FP2	Cluster - 2.1	Yes	Open Agriculture	Y	0.17	Y
Erik Delaquis, Kelsey Andersen, Nami Minato, Thuy Cu, Maria Karssenberg, Sophearith Sok, Kris Wyckhuys, Jonathan Newby, Dharani Burra, Pao Srean, Iv Phirun, Niem Le, Nhan Pham, Karen Garrett, Conny Almekinders, Paul C. Struik, Stef De Haan. (15/11/2018). Raising the Stakes: Cassava Seed Networks at Multiple Scales in Cambodia and Vietnam. Frontiers in Sustainable Food Systems, 2.	https://dx.doi.org/10.3389/fsufs.2018.00073	http://hdl.handle.net/10568/99103	FP2	Cluster - 2.1	Yes	Frontiers in Sustainable Food Systems	N	N	Y
Gidraf Okeyo Onduru, Elly Ouma Atieno, Kalpana Sharma, Elmar Schulte-Geldermann. (15/2/2018). Effectiveness of Positive Selection in Managing Seed-Borne Potato Viruses. Journal of Agricultural Science, 10(3), pp. 71-80.	https://dx.doi.org/10.5539/jas.v10n3p71		FP2	Cluster - 2.1	Yes	Journal of Agricultural Science	Y	0.56	Y
Gowda Maruthi, Charles Whitfield, Gerald Otti, Silver Tumwegamire, Edward Kanju, James Legg, Geoffrey Mkamilo, Robert Kawuki, Ibrahim Benesi, Anabela Zacarias, Therezia Munga, Francis Mwatuni, Edward Mbugua. (14/9/2018). A method for generating virus-free cassava plants to combat viral disease epidemics in Africa. Physiological and Molecular Plant Pathology, 105, pp. 77-87.	https://dx.doi.org/10.1016/j.pmpp.2018.09.002		FP2	Cluster - 2.1	Yes	Physiological and Molecular Plant Pathology	Y	0.68	Y
Jeffrey Bentley, Jorge Andrade, Paul Demo, Beloved Dzomeku, Kim Jacobsen, Enoch Kikulwe, Peter Kromann, Lava Kumar, Margaret Anne McEwan, Netsayi Mudege, Kwame Ogero, Richardson Okechukwu, Luis Ricardo Orrego Orihuela, Bernardo Ospina, Louise Sperling, Stephen Walsh, Graham Philip Craven Thiele. (1/6/2018). Understanding root, tuber, and banana seed systems and coordination breakdown: A multi-stakeholder framework..	https://dx.doi.org/10.1080/15427528.2018.1476998	http://hdl.handle.net/10568/93374	FP2	Cluster - 2.1	Yes	Journal of Crop Improvement	Y	0.22	Y
Karen Garrett, Kelsey Andersen, Christopher Buddenhagen, Afrina Choudhury, James Fulton, John Hernandez Nopsa. (6/7/2018). Network Analysis: A Systems Framework to Address Grand Challenges in Plant Pathology. Annual Review of Phytopathology, 56, pp. 559-580.	https://dx.doi.org/10.1146/annurev-phyto-080516-035326		FP2	Cluster - 2.1	Yes	Annual Review of Phytopathology	Y	5.3	Y

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Kelsey Andersen, Richard Gibson, Christopher Buddenhagen, Paul Rachkara, Stephen Kalule, David Phillips, Karen Garrett. (2/3/2018). Modeling Epidemics in Seed Systems to Guide Management Strategies: The Case of Sweetpotato in Northern Uganda. Phytopathology, 25, pp. 2-35.	https://dx.doi.org/10.1101/107359		FP2	Cluster - 2.1	Yes	Phytopathology	Y	1.34	Y
Silver Tumwegamire, Edward Kanju, James Legg, Salehe Kombo, Geoffrey Mkamilo, Kiddo Mtunda, Heneriko Kulembeka, Karoline Sichalwe, Innocent Ndyetabura, Robert Kawuki, Gerald Adiga, Joseph Ndunguru, George Ngundo, Francis Mwatuni, Elijah Ateka. (17/3/2018). Exchanging and managing in-vitro elite germplasm to combat Cassava Brown Streak Disease (CBSD) and Cassava Mosaic Disease (CMD) in Eastern and Southern Africa. Food Security, 10(2), pp. 351-368.	https://dx.doi.org/10.1007/s12571-018-0779-2		FP2	Cluster - 2.1	Yes	Food Security	Y	1.12	Y
Alžběta Němečková, Pavla Christelova, Jana Čížková, Moses Nyine, Ines Van Den Houwe, Radim Svačina, Brigitte Uwimana, Rony Swennen, Eva Hribova, Jaroslav Dolezel. (4/10/2018). Molecular and Cytogenetic Study of East African Highland Banana. Frontiers in Plant Science, 9, pp. 1-13.	https://dx.doi.org/10.3389/fpls.2018.01371		FP2	Cluster - 2.2	Yes	Frontiers in Plant Science	Y	1.73	Y
Amos Alakonya, Janet Njeri Kimunye, George Mahuku, Delphine Amah, Brigitte Uwimana, Allan Brown, Rony Swennen. (6/4/2018). Progress in understanding Pseudocercospora banana pathogens and the development of resistant Musa germplasm. British Society for Plant Pathology, 67(4), pp. 759-770.	https://dx.doi.org/10.1111/ppa.12824	http://hdl.handle.net/10568/92349	FP2	Cluster - 2.2	Yes	Plant Pathology	Y	1.06	Y
Bidabadi Siamak, Sijun Zheng. (14/8/2018). Banana Fusarium Wilt (Fusarium oxysporum f. sp. cubense) Control and Resistance, in the Context of Developing Wilt-resistant Bananas Within Sustainable Production Systems. Horticultural Plant Journal, 4(5), pp. 208-218.	https://dx.doi.org/10.1016/j.hpj.2018.08.001		FP2	Cluster - 2.2	Yes	Horticultural Plant Journal	Y	N	Y
Delphine Amah, Dr. Allan Brown, Rony Swennen, Maryke Labuschagne, Angeline Van Biljon, Penelope Perkins-Veazie. (4/10/2018). Recent advances in banana (Musa spp.) biofortification to alleviate vitamin A deficiency. , pp. 2-13.	https://dx.doi.org/10.1080/10408398.2018.1495175	http://hdl.handle.net/10568/97109	FP2	Cluster - 2.2	Yes	Food Science and Nutrition	N	0.49	Y
Francis Onyilo, Geoffery Tusiime, Jaindra Tripathi, Li-Hung Chen, Bryce Falk, Ioannis Stergiopoulos, Wilberforce Tushemereirwe, Jerome Kubiriba, Leena Tripathi. (13/3/2018). Silencing of the mitogen-activated protein kinases (MAPK) fus3 and slt2 in pseudocercospora fijiensis reduces growth and virulence on host plants. Frontiers in Plant Science, 9, pp. 1-12.	https://dx.doi.org/10.3389/fpls.2018.00291	http://hdl.handle.net/10568/92994	FP2	Cluster - 2.2	Yes	Frontiers in Plant Science	Y	1.73	Y
Henry Buregyeya, Robooni Tumuhimbise, Jerome Kubiriba, David Talengera, Kephas Nowankunda, Geofrey Arinaitwe, Wilberforce Tushemereirwe, Deborah Karamura, Eldad Karamura, Patrick Rubaihayo. (30/6/2018). Development of Two High Yielding -Consumer Acceptable Apple Banana Hybrids with Resistance to Fusarium oxysporum f. sp Cubense Race 1.	https://dx.doi.org/10.5897/JPBCS2018.0720		FP2	Cluster - 2.2	Yes	Journal of plant breeding and crop science	N	N	Y
Jelle Van Wesemael, Yann Hueber, Ewaut Kissel, Nadia Campos, Rony Swennen, Sebastien Carpentier. (22/1/2018). Homeolog expression analysis in an allotriploid non-model crop via integration of transcriptomics and proteomics. Scientific Reports, 8, pp. 1353-1364.	https://dx.doi.org/10.1038/s41598-018-19684-5		FP2	Cluster - 2.2	Yes	Scientific Reports	Y	1.53	Y
Joseph Adheka, Joseph Losimba, C Tamaru, C Sivirahauma, Rony Swennen, Guy Blomme. (15/5/2018). Banana diversity in the Oriental provinces, northeastern Democratic Republic of Congo. Acta Horticulturae, 14.	https://dx.doi.org/10.17660/actahortic.2018.1196.31	http://hdl.handle.net/10568/92879	FP2	Cluster - 2.2	No	Acta Horticulturae	N	0.2	Y
Joseph Adheka, Prof. Dhed'A Djailo, Guy Blomme, Deborah Karamura, Rony Swennen, Edmond De Langhe. (1/1/2018). Plantain diversity in the Democratic Republic of Congo and future prospects . Acta Horticulturae, 1225, pp. 261-268.	https://dx.doi.org/10.17660/ActaHortic.2018.1225.36		FP2	Cluster - 2.2	No	Acta Horticulturae	N	0.2	Y
Joseph Losimba, Joseph Adheka, Prof. Dhed'A Djailo, Guy Blomme, Rony Swennen, Edmond De Langhe. (11/6/2018). The complex distribution of plantain cultivars (Musa sp., AAB subgroup) in the Bas-Uele province of the Democratic Republic of Congo. African Journal of Agricultural Research, 13(26), pp. 1358-1373.	https://dx.doi.org/10.5897/AJAR2018.13202	http://hdl.handle.net/10568/96169	FP2	Cluster - 2.2	Yes	African Journal of Agricultural Research	N	0	Y

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Michael Friedmann, Asrat Asfaw, Noelle Anglin, Luis Augusto Becerra Lopez-lavalle, Ranjana Bhattacharjee, Dr. Allan Brown, Morag Ferguson, Dorcus Gemenet, Hannele Lindqvist-Kreuze, Ismail Rabbi, Mathieu Rouard, Rony Swennen, Graham Philip Craven Thiele. (22/6/2018). Genomics-Assisted Breeding in the CGIAR Research Program on Roots, Tubers and Bananas (RTB). Agriculture, 8(7), pp. 1-24.	https://dx.doi.org/10.3390/agriculture8070089	http://hdl.handle.net/10568/93441	FP2	Cluster - 2.2	Yes	Agriculture	Y	0.33	Y
Moses Nyine, Brigitte Uwimana, Nicolas Blavet, Eva Hribova, Eva Van Respaille, Michael Batte, Dr. Allan Brown, Jim Lorenzen, Rony Swennen, Jaroslav Dolezel. (2/3/2018). Genomic prediction in a multiploid crop: genotype by environment interaction and allele dosage effects on predictive ability in banana. Plant Genome, The, 11(2).	https://dx.doi.org/10.3835/plantgenome2017.10.0090	http://hdl.handle.net/10568/92577	FP2	Cluster - 2.2	Yes	Plant Genome, The	Y	1.73	Y
Nadia Campos, Sebastien Carpentier, Rony Swennen. (23/2/2018). The plantain proteome, a focus on Allele specific proteins obtained from plantain fruits. Proteomics, 18(3), pp. 1-5.	https://dx.doi.org/10.1002/pmic.201700227	http://hdl.handle.net/10568/92999	FP2	Cluster - 2.2	No	Proteomics	Y	1.43	Y
Perrier Xavier, Christophe Jenny, Bakry Frederic, Deborah Karamura, Mercy Kitavi, Catherine Hervouet, Cecile Dubois, Gérard Philippson, Edmond De Langhe. (20/9/2018). East African diploid and triploid bananas: a genetic complex transported from South-East Asia. Annals of Botany, 123(1), pp. 19-36.	https://dx.doi.org/10.1093/aob/mcy156		FP2	Cluster - 2.2	Yes	Annals of Botany	Y	1.72	Y
Valentine Nakato, Pavla Christelova, Were Evans, Moses Nyine, Teresa A. Coutinho, Jaroslav Dolezel, Brigitte Uwimana, Rony Swennen, George Mahuku. (26/10/2018). Sources of resistance in Musa to Xanthomonas campestris pv. musacearum, the causal agent of banana xanthomonas wilt. Plant Pathology, 68(1), pp. 49-59.	https://dx.doi.org/10.1111/ppa.12945		FP2	Cluster - 2.2	Yes	Plant Pathology	Y	1.06	Y
Amanda Karlstrom, John Belalcazar, Teresa Sanchez, Jorge Lenis, Jhon Larry Moreno Alzate, Monica Pizarro Sanchez, Julien Ricci, Dominique Dufour, Thierry Tran, Hernan Ceballos. (13/6/2018). Impact of Environment and Genotype-by-Environment Interaction on Functional Properties of Amylose-Free and Wildtype Cassava Starches.	https://dx.doi.org/10.1002/star.201700278	http://hdl.handle.net/10568/97156	FP2	Cluster - 2.3	Yes	Starch/Stärke	Y	0.72	Y
Christina Kidulile, Elijah Ateka, Amos Alakonya, Joseph Ndunguru. (6/9/2018). Efficacy of chemotherapy and thermotherapy in elimination of east African cassava mosaic virus from Tanzanian cassava landrace. Journal of Phytopathology, 166(10), pp. 739-745.	https://dx.doi.org/10.1111/jph.12725	http://hdl.handle.net/10568/97152	FP2	Cluster - 2.3	Yes	Journal of Phytopathology	Y	0.4	Y
Olamide Olaosebikan, Elizabeth Parkes, Chiedozie Egesi, Bela Teeken, Peter Kulakow, Holger Kirscht, Hale Ann Tufan. (5/10/2018). Cassava trait preferences of men and women farmers in Southwest and Southeast Nigeria, what are the implications for trait prioritization within breeding?. Economic Botany, 72(3), pp. 263-277.	https://dx.doi.org/10.1007/s12231-018-9421-7		FP2	Cluster - 2.3	Yes	Economic Botany	Y	0.53	Y
Damtew E, Kalpana Sharma, Cees Leeuwis, Berga Tereda Lemaga, Paul C. Struik, Shiferaw Tafesse, Rico Lie. (10/4/2018). Diagnosis of management of bacterial wilt and late blight in potato in Ethiopia: A systems thinking perspective. NJAS - Wageningen Journal of Life Sciences, 13p.	https://dx.doi.org/10.1016/j.njas.2018.03.003		FP2	Cluster - 2.4	Yes	NJAS - Wageningen Journal of Life Sciences	Y	0.69	Y
Julius Juma Okello, Carl Johan Lagerkvist, Rogers Kakuhenzire, Monica Parker, Elmar Schulte-Geldermann. (29/1/2018). Combining means-end chain analysis and goal-priming to analyze Tanzanian farmers' motivations to invest in quality seed of new potato varieties. British Food Journal, 120(7), pp. 1430-1445.	https://dx.doi.org/10.1108/BFJ-11-2017-0612	http://hdl.handle.net/10568/96926	FP2	Cluster - 2.4	No	British Food Journal	Y	0.5	Y
Kalpana Sharma, Christian Verniere, Santatra Ravelomanantsoa, Olivier Pruvost, Stephane Poussier, Isabelle Robène, Prior Philippe, Adrien Rieux, Laurent Costet, Frederic Chiroleu. (15/1/2018). Molecular epidemiology of Ralstonia solanacearum species complex strains causing bacterial wilt of potato in Uganda. , pp. 2258-2269.	https://dx.doi.org/10.3389/fpls.2017.02258		FP2	Cluster - 2.4	Yes	Frontiers in Plant Science	Y	1.73	Y
Okiro Lilian, Mathew Abang, Steven Nyanjom, Christine D. Smart, Monica Parker. (12/6/2018). Comparative evaluation of LAMP, qPCR, conventional PCR and ELISA to detect Ralstonia solanacearum in Kenyan potato fields.	https://dx.doi.org/10.1094/PDIS-03-18-0489-RE		FP2	Cluster - 2.4	Yes	Plant Disease	Y	0.57	Y

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Tobias Lunt, Jim Ellis-Jones, Kindu Mekonnen, Steffen Schulz, Peter Thorne, Elmar Schulte-Geldermann, Kalpana Sharma. (20/2/2018). Participatory Community Analysis: identifying and addressing challenges to Ethiopian smallholder livelihoods . Development in practice, 28(2).	https://dx.doi.org/10.1080/09614524.2018.1417354	http://hdl.handle.net/10568/91177	FP2	Cluster - 2.4	Yes	Development in practice	Y	0.31	Y
Junhong Qin X, David Antonio Ramirez Collantes, Kaiyun Xie, Wenjuan Li, Wendy Lorena Yactayo Gabriel, Liping Jin, Roberto Quiroz. (22/8/2018). Is partial root-zone drying more appropriate than drip irrigation to save water in China? A preliminary comparative analysis for potato cultivation. Potato Research, 61(4), pp. 391-406.	https://dx.doi.org/10.1007/s11540-018-9393-0	http://hdl.handle.net/10568/96637	FP2	Cluster - 2.5	Yes	Potato Research	Y	0.44	Y
Julius Juma Okello, Wellington Jogo, Norman Kwikiriza, Penina Ngusye Muoki. (1/4/2018). Motivations and cognitive models associated with decentralized seed multiplication: Experiences from biofortified sweetpotato vine multipliers in Kenya and Ethiopia. Journal of Agribusiness in Developing and Emerging Economies, 8(4), pp. 626-641.	https://dx.doi.org/10.1108/JADEE-06-2017-0058	http://hdl.handle.net/10568/97889	FP2	Cluster - 2.6	No	Journal of Agribusiness in Developing and Emerging Economies	Y	0.11	Y
Chukwuemeka Nkere, Joshua Oyekanmi Oloyede, Gonçalo Silva, Moritz Bömer, Gabriel Atiri, Joseph Onyeka, Norbert Maroya, Susan Seal, Lava Kumar. (1/4/2018). Chromogenic detection of yam mosaic virus by closed-tube reverse transcription loop-mediated isothermal amplification (CT-RT-LAMP). Archives of Virology, 163(4), pp. 1057-1061.	https://dx.doi.org/10.1007/s00705-018-3706-0		FP2	Cluster - 2.7	Yes	Archives of Virology	Y	0.97	Y
Goncalo Silva, Joshua Oyekanmi Oloyede, Chukwuemeka Nkere, Moritz Bömer, Lava Kumar, Susan Seal. (31/1/2018). Rapid detection of potyviruses from crude plant extracts. Analytical Biochemistry, 546, pp. 17-22.	https://dx.doi.org/10.1016/j.ab.2018.01.019		FP2	Cluster - 2.7	Yes	Analytical Biochemistry	Y	0.63	Y
Moritz Bömer, Ajith Rathnayake, Gonçalo Silva, Lava Kumar, Susan Seal, Juan Sicar. (19/6/2018). Tissue culture and next-generation sequencing: a combined approach for detecting yam (Dioscorea spp.) viruses. Plant Pathology, 105, pp. 54-66.	https://dx.doi.org/10.1016/j.pmpp.2018.06.003	http://hdl.handle.net/10568/96123	FP2	Cluster - 2.7	Yes	Plant Pathology	Y	1.06	Y
Moritz Bömer, Lava Kumar, Ajith Rathnayake, Gonçalo Silva, Susan Seal. (5/1/2018). Rolling Circle Amplification to Screen Yam Germplasm for Badnavirus Infections and to Amplify and Characterise Novel Badnavirus Genomes. Bio-protocol, 8(1).	https://dx.doi.org/10.21769/BioProtoc.2672		FP2	Cluster - 2.7	Yes	Bio-protocol	Y	N	Y
Norman Prince Emmanuel, Asrat Asfaw, Pangirayi Tongoona, Agyemang Danquah, Prof. Eric Danquah, David DeKoeyer, Robert Asiedu. (1/1/2018). Pollination success in some white yam genotypes under polycross and nested mating designs.		http://hdl.handle.net/10568/92992	FP2	Cluster - 2.7	No	International Journal of Biological Sciences and Applications	N	N	Y
Sètondji Alban Paterne Etchiha Afoha, Antoine Affokpon, Lieven Waeyenberge, Nancy de Sutter, Clément Agbangla, Alexandre Dansi, Daniel Coyne, Nicole Viaene. (10/5/2018). Molecular diversity of Scutellonema bradys populations from Benin, based on ITS1 rDNA and COI mtDNA. Tropical Plant Pathology, 43(4), pp. 323-332.	https://dx.doi.org/10.1007/s40858-018-0221-5	http://hdl.handle.net/10568/92845	FP2	Cluster - 2.7	No	Tropical Plant Pathology	Y	0.4	Y
Anchana Tancharoen, Sirilak Lankaew, P. Moonjuntha, T. Wongphanuwat, B. Sangtongpraow, R. Ngoenklan, Piya Kittipadakul, Kris Wyckhuys. (26/6/2018). Effective biological control of an invasive mealybug pest enhances root yield in cassava. Journal of Pest Science, 91(4), pp. 1199-1211.	https://dx.doi.org/10.1007/s10340-018-1012-y	http://hdl.handle.net/10568/96195	FP3	Cluster - 3.1	No	Journal of Pest Science	Y	1.67	Y
Anne Njoroge, Bjorn Andersssson, Jonathan Yuen, Gregory Forbes. (11/12/2018). Greater aggressiveness in the 2_A1 lineage of Phytophthora infestans may partially explain its rapid displacement of the US-1 lineage in east Africa.	https://dx.doi.org/10.1111/ppa.12977	http://hdl.handle.net/10568/99124	FP3	Cluster - 3.1	Yes	Plant Pathology	Y	1.06	Y
Aregbesola Oluwatosin Zacheus, James Legg, O.S. Lund, L. Sigsgaard, C. Rapisarda. (31/10/2018). Potential impact of climate change on whiteflies and implications for the spread of vectored viruses. Journal of Pest Science, 89, pp. 1-12.	https://dx.doi.org/10.1007/s10340-018-1059-9		FP3	Cluster - 3.1	No	Journal of Pest Science	Y	1.67	Y

2018 RTB Journal Articles

Citation	DOI Link	CGSpace Link	Flagship	Cluster	Open access	Journal Name	ISI Journal	Impact Factor (2017)	Peer reviewed
Baldwyn Torto, Laura Cortada-Gonzalez, Solveig Haukeland, Daniel Coyne. (22/8/2018). Management of cyst and root knot nematodes: a chemical ecology perspective. Journal of Agricultural and Food Chemistry, 66(33), pp. 8672-8678.	https://dx.doi.org/10.1021/acs.jafc.8b01940	http://hdl.handle.net/10568/96538	FP3	Cluster - 3.1	No	Journal of Agricultural and Food Chemistry	Y	1.27	Y
Bhawana Upadhyay, Dharani Burra, Than Thi Nguyen, Kris Wyckhuys. (25/6/2018). Caught off guard folk knowledge proves deficient when addressing invasive pests in Asian cassava systems. , pp. 1-21.	https://dx.doi.org/10.1007/s10668-018-0208-x	http://hdl.handle.net/10568/96113	FP3	Cluster - 3.1	Yes	Environment, Development and Sustainability	N	0.39	Y
Birgit Schaub, Jurgen Kroschel. (1/2/2018). Developing a biocontrol strategy to protect stored potato tubers from infestation with potato tuber moth species in the Andean region. Journal of Applied Entomology, 142(1), pp. 78-88.	https://dx.doi.org/10.1111/jen.12426	http://hdl.handle.net/10568/98365	FP3	Cluster - 3.1	Yes	Journal of Applied Entomology	Y	0.72	Y
Daniel Coyne, Laura Cortada-Gonzalez, Johnatahan Dalzell, Abiodun Claudius-Cole, Solveig Haukeland, Nessie Luambano, Herbert Talwana. (29/6/2018). Plant-parasitic nematodes and food security in sub-saharan Africa. Annual Review of Phytopathology, 56, pp. 381-403.	https://dx.doi.org/10.1146/annurev-phyto-080417-045833	http://hdl.handle.net/10568/97144	FP3	Cluster - 3.1	Yes	Annual Review of Phytopathology	Y	5.3	Y
Daniel Karp, Rebecca Chaplin-Kramer, Emily Martin, Fabrice DeClerck, Heather Grab, Claudio Gratton, Lauren Hunt, Ashley Larsen, Alejandra Martinez, Megan O'Rourke, Adrien Rusch, Katja Poveda, Mattias Jonsson, Jay Rosenheim, Nancy Schellhorn, Teja Tscharntke, Steve Wratten, Wei Zhang, Aaron Iverson, Lynn Adler, Matthias Albrecht, Audrey Alignier, Gina Angelella, Jacques Avelino, Peter Batáry, Johannes Baveco, Felix Bianchi, Miriam Kishinevsky, Douglas A. Landis, Yanhui Lu, Soroush Parsa, Kris Wyckhuys. (2/8/2018). Crop pests and predators exhibit inconsistent responses to surrounding landscape composition. Proceedings of the National Academy of Sciences, 115(33), pp. 7863-7870.	https://dx.doi.org/10.1073/pnas.1800042115	http://hdl.handle.net/10568/97431	FP3	Cluster - 3.1	Yes	Proceedings of the National Academy of Sciences	y	6.09	Y
Jan Kreuze, Mart Krupovic, Jonas Blomberg, John Coffin, Indranil Dasgupta, Hung Fan, Robert Gifford, Dirk Lindermann, Jens Mayer, Alexander Muller. (4/4/2018). Ortervirales: A new viral order unifying five families of reverse-transcribing viruses. Journal of Virology, 92(12), pp. 15-18.	https://dx.doi.org/10.1128/JVI.00515-18		FP3	Cluster - 3.1	Yes	Journal of Virology	Y	2.85	Y
Jan Kreuze, Masahiro Natsume, Jari Valkonen. (20/1/2018). Phytotoxin produced by the netted scab pathogen, Streptomyces turgidiscabies strain 65, isolated in Sweden. Journal of General Plant Pathology, 84(2), pp. 108-117.	https://dx.doi.org/10.1007/s10327-018-0765-8		FP3	Cluster - 3.1	Yes	Journal of General Plant Pathology	Y	0.53	Y
Jan Kreuze, Theo van der Lee, Balázs Brankovics, André Lévesque, Hai Nguyen, Bart van de Vossenberg. (10/9/2018). The linear mitochondrial genome of the quarantine chytrid Synchytrium endobioticum; insights into the evolution and recent history of an obligate biotrophic plant pathogen. BMC Evolutionary Biology, 136(18), pp. 2-15.	https://dx.doi.org/10.1186/s12862-018-1246-6		FP3	Cluster - 3.1	Yes	BMC Evolutionary Biology	Y	1.66	Y
Norma Mujica, Jurgen Kroschel. (4/10/2018). Ecological, economic, and environmental assessments of integrated pest management in potato: A case study from the Cañete Valley, Peru. Food and Energy Security, 8(1), pp. 153-180.	https://dx.doi.org/10.1002/fes3.153		FP3	Cluster - 3.1	Yes	Food and Energy Security	Y	0.77	Y
S. Massart, Jan Kreuze, Olivier Therond, Thas Olivier, Mikhail Pooggin. (8/2/2018). Virus detection by high-throughput sequencing of small RNAs: large scale performance testing of sequence analysis strategies.	https://dx.doi.org/10.1094/PHYTO-02-18-0067-R		FP3	Cluster - 3.1	Yes	Phytopathology	Y	1.34	Y
Sisay Lemawork, Guy Blomme, Alemu Tarekegn, Ferdu Azerefegne, Tameru Alemu. (17/9/2018). Hot water immersion disinfests enset (Ensete ventricosum) suckers from the enset root mealybug Cataenococcus ensete Williams and Matile-Ferrero. African Journal of Agricultural Research, 13(38), pp. 1990-1997.	https://dx.doi.org/10.5897/AJAR2018.13288		FP3	Cluster - 3.1	Yes	African Journal of Agricultural Research	N	0	Y
Sophien Kamoun, Kentaro Yoshida, Marina Pais, Mathieu Pel, Liliana Cano, Ricardo Oliva, Kamil Witek, Hannele Lindqvist-Kreuze, Vivianne Vleeshouwers. (5/7/2018). Gene expression polymorphism underpins evasion of host immunity in an asexual lineage of the Irish potato famine pathogen. BMC Evolutionary Biology, 93(18), pp. 1-11.		http://hdl.handle.net/10568/96148	FP3	Cluster - 3.1	Yes	BMC Evolutionary Biology	Y	1.66	Y

2018 RTB Journal Articles

Citation	DOI Link	CGSpace Link	Flagship	Cluster	Open access	Journal Name	ISI Journal	Impact Factor (2017)	Peer reviewed
Blessing Masamha, Vusilizwe Thebe, Veronica NE Uzokwe. (2/1/2018). Unlocking the Household 'Black Box': A Gendered Analysis of Smallholder Farmers' Participation in the Cassava (Manihot esculenta crantz) Value Chain in Tanzania . Journal of International Development, 1.	https://dx.doi.org/10.1002/jid.3317	http://hdl.handle.net/10568/83341	FP3	Cluster - 3.2	No	Journal of International Development	Y	0.56	Y
Daniel Van Vugt, A. C. Franke. (1/5/2018). Exploring the yield gap of orange-fleshed sweet potato varieties on smallholder farmers' fields in Malawi.. Field Crops Research, 221, pp. 245-256.	https://dx.doi.org/10.1016/j.fcr.2017.11.028	http://hdl.handle.net/10568/93044	FP3	Cluster - 3.2	Yes	Field Crops Research	Y	1.47	Y
David Antonio Ramirez Collantes, Javier Rinza, Felipe De Mendiburu Delgado, Wendy Lorena Yactayo Gabriel, Carolina Elena Barreda Polar, Roberto Quiroz, Abel Mejia. (28/8/2018). Infrared radiometry as a tool for early water deficit detection: insights into its use for establishing irrigation calendars for potatoes under humid conditions. , pp. 1-14.	https://dx.doi.org/10.1007/s11540-018-9400-5	http://hdl.handle.net/10568/97792	FP3	Cluster - 3.2	Yes	Potato Research	Y	0.44	Y
David Antonio Ramirez Collantes, Wendy Lorena Yactayo Gabriel, Jose Luis Rolando, Roberto Quiroz. (9/4/2018). Preliminary evidence of nocturnal transpiration and stomatal conductance in potato and their interaction with drought and yield. American Journal of Potato Research, 95(2), pp. 139-143.	https://dx.doi.org/10.1007/s12230-017-9618-9	http://hdl.handle.net/10568/90590	FP3	Cluster - 3.2	Yes	American Journal of Potato Research	Y	0.61	Y
Dieudonne Harahagazwe, Bruno Condori, Carolina Elena Barreda Polar, Astère Bararyenya, Arinaitwe Abel Byarugaba, Danbaba Anthony Kude, Shem Lung'Aho, Carolino Martinho, Daniel Gathuri Mbiri, Bouwe Nasona, Bruce Ochieng, Jean Marc Randrianaivoarivony, Christopher M. Tankou, Alemu Worku, Elmar Schulte-Geldermann, Victor Mares, Felipe De Mendiburu Delgado, Roberto Quiroz. (1/7/2018). How big is the potato (Solanum tuberosum L.) yield gap in Sub-Saharan Africa and why? A participatory approach..	https://dx.doi.org/10.1515/opag-2018-0019	http://hdl.handle.net/10568/96110	FP3	Cluster - 3.2	Yes	Open Agriculture	Y	0.17	Y
G. Orquera-Tornakian, C. I. Diaz, D. C. Mogrovejo, D. J. Villamarin, F. Jarrin, L. K. Ponce, R. Oliva, J. Gia, Gregory Forbes, Jorge Andrade, F. J. Flores, C. D. Garzon, J. Molineros, A. Koch, M. S. Benitez. (3/8/2018). Characterization of tuber blight suppressive soils from four provinces of the Ecuadorean Andes. Plant Pathology, 67(7), pp. 1562-1573.	https://dx.doi.org/10.1111/ppa.12872	http://hdl.handle.net/10568/92947	FP3	Cluster - 3.2	No	Plant Pathology	Y	1.06	Y
Guy Blomme, Walter Ocimati, Jeroen Groot, Jules Ntamwira, Deo Kantungeko, Roseline Remans, Pablo Tittonell. (31/5/2018). Agroecological integration of shade- and drought tolerant food/feed crops for year-round productivity in banana-based systems under rain-fed conditions in Central Africa. .	https://dx.doi.org/10.17660/ActaHortic.2018.1196.5		FP3	Cluster - 3.2	No	Acta Horticulturae	N	0.2	Y
Harun Gitari, Charles Gachene, Nancy Karanja, Solomon Kamau, Shadrack Nyawade, Kalpana Sharma, Elmar Schulte-Geldermann. (14/6/2018). Optimizing yield and economic returns of rain-fed potato (Solanum tuberosum L.) through water conservation under potato-legume intercropping systems.. Agricultural Water Management, 208, pp. 59-66.	https://dx.doi.org/10.1016/j.agwat.2018.06.005	http://hdl.handle.net/10568/93377	FP3	Cluster - 3.2	No	Agricultural Water Management	Y	1.27	Y
Harun Gitari, Nancy Karanja, Charles Gachene, Solomon Kamau, Kalpana Sharma, Elmar Schulte-Geldermann. (30/3/2018). Nitrogen and phosphorous uptake by potato (Solanum tuberosum L.) and their use efficiency under potato-legume intercropping systems. Field Crops Research, 222, pp. 78-84.	https://dx.doi.org/10.1016/j.fcr.2018.03.019	http://hdl.handle.net/10568/92016	FP3	Cluster - 3.2	No	Field Crops Research	Y	1.47	Y
John Okoth Omondi, Stephen Boahen, Naftali Lazarovitch, Shimon Rachmilevitch, Pheneas Ntawuruhunga, Uri Yermiyahu. (2/7/2018). Nutrient use efficiency and harvest index of cassava decline as fertigation solution concentration increases. Journal of Plant Nutrition and Soil Science, 181(5), pp. 644-654.		http://hdl.handle.net/10568/96158	FP3	Cluster - 3.2	No	Journal of Plant Nutrition and Soil Science	Y	0.94	Y
Kebede Biratu Gizachew, Elias Eyasu, Pheneas Ntawuruhunga, Nhamo Nhamo. (21/3/2018). Effect of chicken manure application on cassava biomass and root yields in two agro-ecologies of Zambia. Agriculture, 8(4), pp. 45-59.	https://dx.doi.org/10.3390/agriculture8040045	http://hdl.handle.net/10568/92386	FP3	Cluster - 3.2	Yes	Agriculture	Y	0.33	Y

2018 RTB Journal Articles

RESEARCH PROGRAM ON Roots, Tubers and Bananas

Citation	DOI Link	CGSpace Link	Flagship	Cluster	Open access	Journal Name	ISI Journal	Impact Factor (2017)	Peer reviewed
Kenneth Nyombi, Eldad Karamura, Charles Staver, Samuel Mpiira, Wilberforce Tushemereirwe, Jerome Kubiriba. (9/4/2018). Canopy management, leaf fall and litter quality of dominant tree species in the banana agroforestry system in Uganda. African Journal of Food, Agriculture, Nutrition and Development, 18(1), pp. 13154-13170.	https://dx.doi.org/10.18697/ajfand.81.16700	http://hdl.handle.net/10568/97007	FP3	Cluster - 3.2	Yes	African Journal of Food, Agriculture, Nutrition and Development	N	0.11	Y
Paul Neve, JN Barney, Y Buckley, R D Cousens, S Graham, N R Jordan, A Lawton-Rauh, Matt Liebman, Marc Schut, J Shaw, J Storkey, B Baraibar, R S Baucom, M Chalak, D Z Childs, S Christensen, H Eizenberg, C Fernandez-Quintanilla, K French, M Harsch, S Heijting, L Harrison, D Loddo, M Macel, N Maczey, A Merotto Jr, D Mortensen, J Necajeva, J Recasens, M Renton, M Riemens, M Sonderskov, M Williams. (1/8/2018). Reviewing research priorities in weed ecology, evolution and management: a horizon scan. Weed Research, 58(4), pp. 250-258.	https://dx.doi.org/10.1111/wre.12304	http://hdl.handle.net/10568/96585	FP3	Cluster - 3.2	Yes	Weed Research	Y	0.95	Y
Enoch Kikulwe, Stanslus Okurut, Susan Ajambo, Tendo Ssali, Elisabetta Gotor, Jerome Kubiriba, Eldad Karamura. (31/3/2018). Does Gender Matter in Effective Management of Banana Xanthomonas Wilt? Insights from a Survey among Rural Banana Farming Households in Uganda . Journal of Development and Agricultural Economics, 10(3), pp. 87-98.	https://dx.doi.org/10.5897/JDAE2017.0877	http://hdl.handle.net/10568/91294	FP3	Cluster - 3.3	Yes	Journal of Development and Agricultural Economics	N	N	Y
Patrick Karangwa, Diane Mostert, Privat Ndayihanzamaso, Thomas Dubois, Björn Niere, Alexandra zum Felde, Alexander Schouten, Guy Blomme, Fenton Beed, Altus Viljoen. (9/1/2018). Genetic Diversity of Fusarium oxysporum f. sp. cubense in East and Central Africa. Plant Disease, 102(3), pp. 552-560.	https://dx.doi.org/10.1094/PDIS-02-17-0282-RE	http://hdl.handle.net/10568/89850	FP3	Cluster - 3.3	Yes	Plant Disease	Y	0.57	Y
Valentine Nakato, Wicker Emmanuel, Teresa A. Coutinho, George Mahuku, David J. Studholme. (27/12/2018). A highly specific tool for identification of Xanthomonas vasicola pv. musacearum based on five Xvm-specific coding sequences. Heliyon, 4(12), pp. 34-42.	https://dx.doi.org/10.1016/j.heliyon.2018.e01080		FP3	Cluster - 3.3	Yes	Heliyon	Y	0.36	Y
Andrea Zanini, Wilmer Cuellar, Marcos Celli, Vilma Conci, Liliana Di Feo. (15/10/2018). Distinct strains of the re-emergent Cassava common mosaic virus (Genus: Potexvirus) infecting cassava in Argentina. Plant Pathology, 67(8), pp. 1814-1820.	https://dx.doi.org/10.1111/ppa.12869	http://hdl.handle.net/10568/92138	FP3	Cluster - 3.5	Yes	Plant Pathology	Y	1.06	Y
Kris Wyckhuys, Jeffrey Bentley, Rico Lie, Le Nghiem, Marjon Fredrix. (1/2/2018). Maximizing farm-level uptake and diffusion of biological control innovations in today's digital era. BioControl, 63(1), pp. 133-148.	https://dx.doi.org/10.1007/s10526-017-9820-1	http://hdl.handle.net/10568/82614	FP3	Cluster - 3.5	Yes	BioControl	Y	0.81	Y
Kris Wyckhuys, Prapit Wongtiem, Aunu Rauf, Anchana Tancharoen, George Heimpel, Nhung Le, Muhammad Fanani, Geoff Gurr, Jonathan Lundgren, Dharani Burra, Leo Palao, Glenn Graham Hyman, Iganzio Graziosi, Vi Le, Matthew Cock, Teja Tscharntke, Steve Wratten, Nguyen Van Liem, Minsheng You, Yanhui Lu, Johannes Ketelaar, Georg Goergen, Peter Neuenschwander. (19/10/2018). Continental-scale suppression of an invasive pest by a host-specific parasitoid underlines both environmental and economic benefits of arthropod biological control.	https://dx.doi.org/10.7717/peerj.5796	http://hdl.handle.net/10568/97770	FP3	Cluster - 3.5	Yes	PeerJ	Y	1.09	Y
T.T.N. Le, Iganzio Graziosi, Theresa Cira, Michael Gates, L. Parker, Kris Wyckhuys. (13/2/2018). Landscape context does not constrain biological control of Phenacoccus manihoti in intensified cassava systems of southern Vietnam. Biological Control, 121, pp. 129-139.	https://dx.doi.org/10.1016/j.biocontrol.2018.02.011	http://hdl.handle.net/10568/90969	FP3	Cluster - 3.5	Yes	Biological Control	Y	0.95	Y
carolina FLORES, Carlos Zarate, Lindsay Triplett, Veronique Maillot-Lebon, Yassine Moufid, Moussa Kanté, Claude Bragard, Valerie Verdier, Lionel Gagnevin, Boris Szurek, Isabelle Robène. (24/7/2018). Development of a duplex-PCR for differential diagnosis of Xanthomonas phaseoli pv. manihotis and Xanthomonas cassavae in cassava (Manihot esculenta). Physiological and Molecular Plant Pathology, 105, pp. 34-46.	https://dx.doi.org/10.1016/j.pmpp.2018.07.005		FP3	Cluster - 3.6	Yes	Physiological and Molecular Plant Pathology	Y	0.68	Y
Clerisse Casinga, James Legg, Rudolph Shirima. (17/12/2018). First report of mixed infection of Cassava brown streak virus and Ugandan cassava brown streak 2 virus on cassava in north-eastern Democratic Republic of Congo. Plant Disease, 103, pp. 166-166.	https://dx.doi.org/10.1094/PDIS-05-18-0836-PDN		FP3	Cluster - 3.6	Yes	Plant Disease	Y	0.57	Y

2018 RTB Journal Articles

Citation	DOI Link	CGSpace Link	Flagship	Cluster	Open access	Journal Name	ISI Journal	Impact Factor (2017)	Peer reviewed
Everlyne Wosula, Issa Karimou, James Legg. (1/3/2018). Two new invasive whiteflies (Hemiptera: Aleyrodidae) to Tanzania. African Entomology, 26(1), pp. 259-264.	https://dx.doi.org/10.4001/003.026.0259		FP3	Cluster - 3.6	Yes	African Entomology	Y	0.37	Y
Ismail Kayondo, Dunia Pino del Carpio, Roberto Lozano, Alfred Ozimati, Marnin Wolfe, Yona Baguma, Prof. Vernon Gracen, Morag Ferguson, Robert Kawuki, Jean-Luc Jannink. (24/1/2018). Genome-wide association mapping and genomic prediction for CBSD resistance in Manihot esculenta. Scientific Reports, 8, pp. 1549-1559.	https://dx.doi.org/10.1038/s41598-018-19696-1	http://hdl.handle.net/10568/92346	FP3	Cluster - 3.6	Yes	Scientific Reports	Y	1.53	Y
Maria Rojas, Monica Macedo, Minor Maliano, Maria Soto-Aguilar, Juliana Souza, Rob W. Briddon, Lawrence Kenyon, Rafael Rivera, F. Murillo Zerbini, James Legg, Anders Kvarnheden, William Wintermantel, Mysore Sudarshana, Peterschmitt Michel, Darren Martin. (20/8/2018). World Management of Geminiviruses. Annual Review of Phytopathology, 56, pp. 637-677.	https://dx.doi.org/10.1146/annurev-phyto-080615-100327		FP3	Cluster - 3.6	No	Annual Review of Phytopathology	Y	5.3	Y
Rabson Mulenga, James Legg, Joseph Ndunguru, Douglas Miano, Eunice Mutitu, P.C. Chikoti, Olajumoke Alabi. (8/6/2018). Survey, molecular detection and characterization of geminiviruses associated with cassava mosaic disease in Zambia. Survey, molecular detection and characterization of geminiviruses associated with cassava mosaic disease in Zambia, 100(7), pp. 1379-1387.	https://dx.doi.org/10.1094/PDIS-10-15-1170-RE		FP3	Cluster - 3.6	Yes	Plant Disease	Y	0.57	Y
A. Giraldo Toro, A. Briffaz, Olivier Gibert, Dominique Dufour, Thierry Tran, P. Bohuon. (1/10/2018). Modelling of heat and water transport in plantain during steeping to predict gelatinization and in vitro starch digestibility. Journal of Food Engineering, 235, pp. 1-8.	https://dx.doi.org/10.1016/j.jfoodeng.2018.04.022		FP4	Cluster - 4.1	No	Journal of Food Engineering	Y	1.28	Y
Emmanuel Alamu, M. Adegunwa, Adebowale Akande. (6/7/2018). Snack food from unripe plantain and orange vesicle composite flour: nutritional and sensory properties. , pp. 1-16.	https://dx.doi.org/10.1080/15428052.2018.1491917	http://hdl.handle.net/10568/96107	FP4	Cluster - 4.1	No	Journal of Culinary Science and Technology	N	0.22	Y
Enoch Kikulwe, Stanslus Okurut, Susan Ajambo, Kephas Nowakunda, Dietmar Stoian, Diego Naziri. (9/7/2018). Postharvest Losses and their Determinants: A Challenge to Creating a Sustainable Cooking Banana Value Chain in Uganda. Sustainability, 10(7), pp. 2381-2392.	https://dx.doi.org/10.3390/su10072381	http://hdl.handle.net/10568/96095	FP4	Cluster - 4.1	Yes	Sustainability	Y	0.54	Y
Paola Sosa Machuca, Georgia Guild, Gabriela Del Pilar Burgos Zapata, Merideth Bonierbale, Thomas Zum Felde. (1/7/2018). Potential and application of X-ray fluorescence spectrometry to estimate iron and zinc concentration in potato tubers. Journal of Food Composition and Analysis, 70, pp. 22-27.	https://dx.doi.org/10.1016/j.jfca.2018.03.004	http://hdl.handle.net/10568/92129	FP4	Cluster - 4.1	Yes	Journal of Food Composition and Analysis	Y	1.05	Y
Andres Escobar, Layal Dahdouh, Eric Rondet, Julien Ricci, Dominique Dufour, Thierry Tran, Bernard Cuq, Michele Delalonde. (8/5/2018). Development of a novel integrated approach to monitor processing of cassava roots into gari: macroscopic and microscopic scales.	https://dx.doi.org/10.1007/s11947-018-2106-5	http://hdl.handle.net/10568/92839	FP4	Cluster - 4.2	No	Food and Bioprocess Technology	Y	1.29	Y
Elijah Oluwatoyin Ayetigbo, Adebayo Abass, Joachim Muller, Sajid Latif. (30/8/2018). Comparing characteristics of root, flour and starch of biofortified yellow-flesh and white-flesh cassava variants, and sustainability considerations: a review. Sustainability, 10(9).	https://dx.doi.org/10.3390/su10093089	http://hdl.handle.net/10568/97112	FP4	Cluster - 4.2	Yes	Sustainability	Y	0.54	Y
Ingrid Aragon, Hernan Ceballos, Dominique Dufour, Mario Ferruzzi. (10/8/2018). Pro-vitamin A Carotenoids Stability and Bioaccessibility From Elite Selection of Biofortified Cassava Roots (Manihot esculanta, Crantz) Processed to Traditional Flours and Porridges. (9), pp. 4822-4835.	https://dx.doi.org/10.1039/C8FO01276H	http://hdl.handle.net/10568/97896	FP4	Cluster - 4.2	Yes	Food and Function	N	1.21	Y
Orissa Charlene Monthe, Lidwine Grosmaire, Richard Marcel Nguimbou, Layal Dahdouh, Julien Ricci, Thierry Tran, Robert Ndjouenkeu. (15/11/2018). Rheological and textural properties of gluten-free doughs and breads based on fermented cassava, sweet potato and sorghum mixed flours. LWT - Food Science and Technology, 101, pp. 575-582.	https://dx.doi.org/10.1016/j.lwt.2018.11.051		FP4	Cluster - 4.2	Yes	LWT - Food Science and Technology	Y	1.34	Y
Patchimaporn Udomkun, Tesfamicheal assfaw, Joseph Atehnkeng, Leon Nabahungu, Emmanuel Njukwe, Bernard Vanlauwe, Ranajit Bandyopadhyay. (4/10/2018). Occurrence of aflatoxin in agricultural produce from local markets in Burundi and Eastern Democratic Republic of Congo. Food Science and Nutrition, 6(8), pp. 2227-2238.	https://dx.doi.org/10.1002/fsn3.787	http://hdl.handle.net/10568/97755	FP4	Cluster - 4.2	Yes	Food Science and Nutrition	N	0.49	Y

2018 RTB Journal Articles

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Suchitra Wongprayoon, Thierry Tran, Olivier Gibert, Eric Dubreucq, Kuakoon Piyachomkwan, K. Sriroth. (29/1/2018). Characterization of Crystalline Structure and Thermostability of Debranched Chickpea Starch-Lauric Acid Complexes Prepared Under Different Complexation Conditions. Chiang Mai Sattawa Phatthayasan, 45(4), pp. 1786-1810.			FP4	Cluster - 4.2	Yes	Chiang Mai Sattawa Phatthayasan	N	N	Y
Suchitra Wongprayoon, Thierry Tran, Olivier Gibert, Eric Dubreucq, Kuakoon Piyachomkwan, K. Sriroth. (5/7/2018). Pullulanase Debranching of Various Starches Upgrades the Crystalline Structure and Thermostability of Starch-Lauric Acid Complexes. Starch/Stärke, 70(7).	https://dx.doi.org/10.1002/star.201700351		FP4	Cluster - 4.2	No	Starch/Stärke	Y	0.72	Y
Victor Taleon, Tawanda Muzhingi, Dan Sumbu, Sylvain Bidiaka. (1/10/2018). Carotenoids retention in biofortified yellow cassava processed with traditional African methods. Journal of the Science of Food and Agriculture, 99(3), pp. 1434-1441.	https://dx.doi.org/10.1002/jsfa.9347		FP4	Cluster - 4.2	Yes	Journal of the Science of Food and Agriculture	Y	0.82	Y
wasiu awoyale, Adebayo Abass, Bussie Maziya-dixon. (30/9/2018). Retention of pro-vitamin A carotenoid in composite bread baked with high quality cassava flour from yellow-fleshed cassava root. Functional Foods in Health and Disease, 8, pp. 438-446.	https://dx.doi.org/10.31989/ffhd.v8i9.534	http://hdl.handle.net/10568/97852	FP4	Cluster - 4.2	Yes	Functional Foods in Health and Disease	Y	N	Y
Apollin Fotso Kuate, Peter Kulakow, Rachid Hanna, Elizabeth Parkes, Peter Iluebbey, Francis Ngome, Christopher Suh, Jacques Massussi, Ibrahim Choutnji, Venasius Lendzemo Wirnkar. (11/8/2018). AMMI analysis of cassava response to contrasting environments: case study of genotype by environment effect on pests and diseases, root yield, and carotenoids content in Cameroon. , pp. 155-179.	https://dx.doi.org/10.1007/s10681-018-2234-z		FP4	Cluster - 4.3	Yes	Euphytica	Y	0.74	Y
Carl Johan Lagerkvist, Julius Juma Okello, Souleimane Adekambi, Norman Kwikiriza, Putri Ernawati Abidin, Ted Carey. (6/7/2018). Goal-setting and volitional behavioural change: Results from a school meals intervention with vitamin-A biofortified sweetpotato in Nigeria. Appetite, 129, pp. 113-124.	https://dx.doi.org/10.1016/j.appet.2018.06.038	http://hdl.handle.net/10568/96923	FP4	Cluster - 4.4	Yes	Appetite	Y	1.44	Y
Charles Spillane, Elise Talsma, Arthur Chibwana Gama, Daniel Van Vugt, Floor Brouwer. (18/10/2018). Sensory and cultural acceptability tradeoffs with nutritional content of biofortified orange-fleshed sweetpotato varieties among households with children in Malawi. PLoS ONE, 13(10).	https://dx.doi.org/10.1371/journal.pone.0204754	http://hdl.handle.net/10568/97905	FP4	Cluster - 4.4	Yes	PLoS ONE	Y	1.16	Y
Derick Nyabera Malavi, Tawanda Muzhingi, George Ooko Abong. (2/4/2018). Good Manufacturing Practices and Microbial Contamination Sources in Orange Fleshed Sweet Potato Puree Processing Plant in Kenya. International Journal of Food Science, 2018, pp. 1-11.	https://dx.doi.org/10.1155/2018/4093161		FP4	Cluster - 4.4	Yes	International Journal of Food Science	N	0.44	Y
Janet Mutiso, Julius Juma Okello, Carl Johan Lagerkvist, Penina Ngusye Muoki, Willis Oluoch-Kosura, Simon Heck. (6/7/2018). Effect of nutrition education and psychosocial factors on child feeding practices: findings of a field experiment with biofortified foods and different women categories. Ecology of Food and Nutrition, 57(4), pp. 346-371.	https://dx.doi.org/10.1080/03670244.2018.1492382		FP4	Cluster - 4.4	Yes	Ecology of Food and Nutrition	Y	0.48	Y
Mica Jenkins, Anthony Roland Brouwer, Carmen Shanks, Bailey Houghtaling. (1/12/2018). Factors affecting farmers' willingness and ability to adopt and retain vitamin A-rich varieties of orange-fleshed sweet potato in Mozambique. Food Security, 10(6), pp. 1501-1519.	https://dx.doi.org/10.1007/s12571-018-0845-9	http://hdl.handle.net/10568/99123	FP4	Cluster - 4.4	Yes	Food Security	Y	1.12	Y
Arega Alene, Tahirou Abdoulaye, Joseph Rusike, Ricardo Antonio Labarta, Bernardo Creamer, Martha del Rio, Hernan Ceballos, Luis Augusto Becerra Lopez-lavalle. (8/8/2018). Identifying crop research priorities based on potential economic and poverty reduction impacts: the case of cassava in Africa, Asia, and Latin America.	https://dx.doi.org/10.1371/journal.pone.0201803	http://hdl.handle.net/10568/96587	FP5	Cluster - 5.1	Yes	PLoS ONE	Y	1.16	Y
Athanasios Petsakos, Guy Gaston Hareau, Ulrich Kleinwechter, Keith Wiebe, Timothy Sulser. (20/2/2018). Comparing modeling approaches for assessing priorities in international agricultural research. Research Evaluation, 27(2), pp. 145-156.	https://dx.doi.org/10.1093/reseval/rvx044	http://hdl.handle.net/10568/92040	FP5	Cluster - 5.1	Yes	Research Evaluation	Y	N	Y

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Francine Pacilly, Jeroen Groot, Gert Hofstede, Edith Lammerts van Bueren, Geert Kessel. (15/4/2018). Simulating crop-disease interactions in agricultural landscapes to analyse the effectiveness of host resistance in disease control: The case of potato late blight. Ecological Modelling, 378, pp. 1-12.	https://dx.doi.org/10.1016/j.ecolmodel.2018.03.010		FP5	Cluster - 5.1	No	Ecological Modelling	Y	1.08	Y
Frédéric Kosmowski, Abiyot Aragaw, Andrzej Kilian, Alemayehu Ambel, John Ilukor, Biratu Yigezu, James Stevenson. (20/2/2018). Varietal Identification in Household Surveys: Results from three household-based methods against the benchmark of DNA fingerprinting in Southern Ethiopia. , pp. 1-15.	https://dx.doi.org/10.1017/S0014479718000030		FP5	Cluster - 5.1	Yes	Experimental Agriculture	Y	0.54	Y
Gbassey Tarawali, Jonas Chianu, Richardson Okechukwu, Michael Edet. (16/1/2018). Profitability of cassava production: comparing the actual and potential returns on investment among smallholders in southern Nigeria. Journal of biology, agriculture and healthcare, 8(16), pp. 51-65.		http://hdl.handle.net/10568/97563	FP5	Cluster - 5.1	No	Journal of biology, agriculture and healthcare	N	N	Y
Herbert Ainembabazi, Tahirou Abdoulaye, Shiferaw Feleke, Arega Alene, Paul Martin Dontsop Nguezet, Pierre Ndayisaba, Victor Manyong. (2/4/2018). Who benefits from which agricultural research-for-development technologies? Evidence from farm household poverty analysis in Central Africa. World Development, 108, pp. 28-46.	https://dx.doi.org/10.1016/j.worlddev.2018.03.013	http://hdl.handle.net/10568/92931	FP5	Cluster - 5.1	No	World Development	Y	2.12	Y
Jeroen Groot, Walter Rossing, Seleshi Yalew. (15/2/2018). Exploring ecosystem services trade-offs in agricultural landscapes with a multi-objective programming approach. Landscape and Urban Planning, 172, pp. 29-36.	https://dx.doi.org/10.1016/j.landurbplan.2017.12.008		FP5	Cluster - 5.1	No	Landscape and Urban Planning	Y	2.12	Y
Kris Wyckhuys, Wei Zhang, Steven Prager, Daniel Kramer, Erik Delaquis, Carlos Gonzalez, E. Van Der Werf. (28/8/2018). Biological control of an invasive pest eases pressures on global commodity markets. Environmental Research Letters, 13(9), pp. 1-13.	https://dx.doi.org/10.1088/1748-9326/aad8f0	http://hdl.handle.net/10568/97455	FP5	Cluster - 5.1	Yes	Environmental Research Letters	Y	2.44	Y
Philip Thornton, Anthony Whitbread, Tobias Baedeker, Jill Cairns, Lieven Claessens, Walter Baethgen, Christian Bunn, Michael Friedmann, Ken Giller, Mario Herrero, Mark Howden, Kevin Kilcline, Vinay Nangia, Julian Ramirez, Kumar Shalander, Paul C West, Brian Keating. (5/10/2018). A framework for priority-setting in climate smart agriculture research. Agricultural Systems, 167, pp. 161-175.	https://dx.doi.org/10.1016/j.agsy.2018.09.009	http://hdl.handle.net/10568/97614	FP5	Cluster - 5.1	Yes	Agricultural Systems	Y	1.16	Y
Tesfamicheal Assfaw, Arega Alene, Tahirou Abdoulaye, Shiferaw Feleke, Ismail Rabbi, Victor Manyong. (19/9/2018). Poverty Reduction Effects of Agricultural Technology Adoption: The Case of Improved Cassava Varieties in Nigeria.	https://dx.doi.org/10.1111/1477-9552.12296	http://hdl.handle.net/10568/97927	FP5	Cluster - 5.1	No	Journal of Agricultural Economics	Y	1.16	Y
Tesfamicheal Assfaw, Menale Kassie, Tsegaye Gatiso. (10/10/2018). Estimating returns to fertilizer adoption with unobserved heterogeneity: evidence from Ethiopia. Food and Energy Security, 5(1).	https://dx.doi.org/10.1002/fes3.156	http://hdl.handle.net/10568/97860	FP5	Cluster - 5.1	Yes	Food and Energy Security	Y	0.77	Y
Tesfamicheal Assfaw, Tahirou Abdoulaye, Arega Alene, Pierre Nguimkeu, Shiferaw Feleke, Ismail Rabbi, Mekbib Haile, Victor Manyong. (16/4/2018). Estimating the productivity impacts of technology adoption in the presence of misclassification. American Journal of Agricultural Economics, 101(1), pp. 1-16.	https://dx.doi.org/10.1093/ajae/aay017	http://hdl.handle.net/10568/96132	FP5	Cluster - 5.1	No	American Journal of Agricultural Economics	Y	2.11	Y
Trevon Fuller, Paul Sesink Clee, Kevin Njabo, Anthony Trochez, Katy Morgan, Demetrio Bocuma Meñe, Nicola Anthony, Mary Katherine Gonder, Walter Allen, Rachid Hanna, Thomas Smith. (1/1/2018). Climate warming causes declines in crop yields and lowers school attendance rates in Central Africa. Science of the Total Environment, 610, pp. 503-510.	https://dx.doi.org/10.1016/j.scitotenv.2017.08.041	http://hdl.handle.net/10568/87985	FP5	Cluster - 5.1	No	Science of the Total Environment	Y	1.55	Y
Carl Lachat, Jessica Raneri, Katherine Walker Smith, Patrick Kolsteren, Patrick Van Damme, Kaat Verzelen, Daniela Penafiel, Wouter Vanhove, Gina Kennedy, Danny Hunter, Francis Oduor, Deleuze Gervais Ntandou-Bouzitou, Bernard De Baets, Disna Ratnasekera, Hoang The Ky, Roseline Remans, Celine Termote. (9/11/2017). Dietary species richness as a measure of food biodiversity and nutritional quality of diets. Proceedings of the National Academy of Sciences, 115(1).	https://dx.doi.org/10.1073/pnas.1709194115	http://hdl.handle.net/10568/89861	FP5	Cluster - 5.2	Yes	Proceedings of the National Academy of Sciences	y	6.09	Y

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Gina Kennedy, Jessica Raneri, Dietmar Stoian, Beatrice Ekesa, Simon Attwood, Gabriela Del Pilar Burgos Zapata, Hernan Ceballos, Vincent Johnson, Jan Low, Elise Talsma. (4/12/2018). Roots, Tubers and Bananas: Contributions to Food Security. Food Security, 3, pp. 231-256.	https://dx.doi.org/10.1016/B978-0-08-100596-5.21537-0	http://hdl.handle.net/10568/97427	FP5	Cluster - 5.2	No	Food Security	Y	1.12	Y
Marlene ELias, Netsayi Mudege, Ismail Kayondo, Dunia Pino del Carpio, Roberto Lozano, Marnin Wolfe, Yona Baguma, Vernon Gracen. (24/1/2018). Gendered aspirations and occupations among rural youth, in agriculture and beyond: A cross-regional perspective. Scientific Reports, 3(1), pp. 82-107.	https://dx.doi.org/10.19268/JGAFS.312018.4	http://hdl.handle.net/10568/99065	FP5	Cluster - 5.3	Yes	Scientific Reports	Y	1.53	Y
Netsayi Mudege, Robert Obadiah Malagala Mwanga, Norita Mdege, Tafadzwa Chevo, Putri Ernawati Abidin. (24/5/2018). Scaling up of sweetpotato vine multiplication technologies in Phalombe and Chikwawa districts in Malawi: A gender analysis.. NJAS - Wageningen Journal of Life Sciences, 85, pp. 1-9.	https://dx.doi.org/10.1016/j.njas.2018.05.003	http://hdl.handle.net/10568/92950	FP5	Cluster - 5.3	Yes	NJAS - Wageningen Journal of Life Sciences	Y	0.69	Y
Patti Petesch, Shelley Feldman, Marlene ELias, Lone Bech Badstue, D. Najjar, Anne Rietveld, Renee Bullock, Nozomi Kawarazuka, Joyce Luis. (1/1/2018). Community typology framed by normative climate for agricultural innovation, empowerment, and poverty reduction. Agriculture and Food Security (Agri-Gender), 3(1), pp. 131-157.		http://hdl.handle.net/10568/97568	FP5	Cluster - 5.3	Yes	Agriculture and Food Security (Agri-Gender)	N	0.57	Y
Cees Leeuwis, Katarzyna Cieslik, Art Dewulf, Saskia Werners, Margit van Wessel, Paul C. Struik, Peter Feindt. (2/8/2018). Addressing socio-ecological development challenges in the digital age: Exploring the potential of Environmental Virtual Observatories for Connective Action (EVOCA). NJAS - Wageningen Journal of Life Sciences, 86-87, pp. 2-11.	https://dx.doi.org/10.1016/j.njas.2018.07.006		FP5	Cluster - 5.4	No	NJAS - Wageningen Journal of Life Sciences	Y	0.69	Y
Cees Leeuwis, Marc Schut, Nyamwaya Munthali, Rico Lie, Annemarie van Paassen, Richard Asare, Ron van Lammeren. (13/6/2018). Innovation intermediation in a digital age: Comparing public and private new-ICT platforms for agricultural extension in Ghana. NJAS - Wageningen Journal of Life Sciences, 86-87, pp. 64-76.	https://dx.doi.org/10.1016/j.njas.2018.05.001		FP5	Cluster - 5.4	No	NJAS - Wageningen Journal of Life Sciences	Y	0.69	Y
Cees Leeuwis, Paul C. Struik, Katarzyna Cieslik, Art Dewulf, Saskia Werners. (31/8/2018). NJAS Reflections on the potential of virtual citizen science platforms to address collective action challenges: Lessons and implications for future research. NJAS - Wageningen Journal of Life Sciences, 86-87, pp. 146-157.	https://dx.doi.org/10.1016/j.njas.2018.07.008		FP5	Cluster - 5.4	No	NJAS - Wageningen Journal of Life Sciences	Y	0.69	Y
Guy Blomme, Kim Jacobsen, K. Tawle, Zerihun Yemataw. (5/12/2018). Agronomic practices with a special focus on transplanting methods for optimum growth and yield of enset [Ensete ventricosum (Welw.) Cheesman] in Ethiopia. Fruits, 1625-967X.	https://dx.doi.org/10.17660/th2018/73.6.5	http://hdl.handle.net/10568/99096	FP5	Cluster - 5.4	Yes	Fruits	Y	0.3	Y
Guy Blomme, Zerihun Yemataw, K. Tawle, Vida Grace Sinohin, Lavernee Gueco, R. Kebede, A. Lalusin. (5/12/2018). Assessing enset fibre yield and quality for a wide range of enset [Ensete ventricosum (Welw.) Cheesman] landraces in Ethiopia. Fruits, 6(73), pp. 328-341.	https://dx.doi.org/10.17660/th2018/73.6.3	http://hdl.handle.net/10568/99070	FP5	Cluster - 5.4	Yes	Fruits	Y	0.3	Y
Kim Jacobsen, Guy Blomme, K. Tawle, S. Muzemil, Zerihun Yemataw. (5/12/2018). Dietary diversity associated with different enset [Ensete ventricosum (Welw.) Cheesman]-based production systems in Ethiopia. Fruits, 73(6), pp. 356-364.	https://dx.doi.org/10.17660/th2018/73.6.6	http://hdl.handle.net/10568/99097	FP5	Cluster - 5.4	Yes	Fruits	Y	0.3	Y
Marc Schut, Josey Kamanda, Andreas Gramzow, Thomas Dubois, Dietmar Stoian, Jens Anton Andersson, Iddo Dror, Murat Sartas, Remco Mur, Shinan Kassam, Herman Brouwer, Andre Jules Devaux, Claudio Velasco Mc Lean, Rica Flor, Martin Gummert, Djuna Buizer, Cynthia McDougall, Kristin Davis, Sabine Homann-Kee Tui, Mark Lundy. (6/6/2018). Innovation Platforms in Agricultural Research for Development: Ex-ante appraisal of the purposes and conditions under which innovation platforms can contribute to agricultural development outcomes. , pp. 1-22.	https://dx.doi.org/10.1017/S0014479718000200		FP5	Cluster - 5.4	Yes	Experimental Agriculture	Y	0.54	Y

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Mariette McCampbell, Marc Schut, Cees Leeuwis, Inge Van den Bergh, Boudy van Schagen, Bernard Vanlauwe, Guy Blomme, Svetlana Vladimirovna Gaidashova, Emmanuel Njukwe. (17/3/2018). Xanthomonas Wilt of Banana (BXW) in Central Africa: Opportunities, challenges, and pathways for citizen science and ICT-based control and prevention strategies. NJAS - Wageningen Journal of Life Sciences, 86-87, pp. 89-100.	https://dx.doi.org/10.1016/j.njas.2018.03.002		FP5	Cluster - 5.4	Yes	NJAS - Wageningen Journal of Life Sciences	Y	0.69	Y
Mastewal Yami, Marc Schut, Pamela Pali, Piet Van Asten, Michael Hauser. (28/11/2018). Participation without Negotiating: Influence of Stakeholder Power Imbalances and Engagement Models on Agricultural Policy Development in Uganda*. Rural Sociology, 15(2), pp. 2-26.	https://dx.doi.org/10.1111/ruso.12229		FP5	Cluster - 5.4	No	Rural Sociology	Y	1.1	Y
Murat Sartas, Laurens Klerkx, Cees Leeuwis, Josey Kamada. (1/10/2018). Synopsis of Innovation Platforms in Agricultural Research and Development. NJAS - Wageningen Journal of Life Sciences, 1, pp. 1-6.	https://dx.doi.org/10.1016/B978-0-08-100596-5.22197-5		FP5	Cluster - 5.4	No	NJAS - Wageningen Journal of Life Sciences	Y	0.69	Y
Murat Sartas, Marc Schut, Frans Hermans, Piet Van Asten, Cees Leeuwis. (5/6/2018). Effects of multi-stakeholder platforms on multi-stakeholder innovation networks: Implications for research for development interventions targeting innovations at scale. PLoS ONE, 25, pp. 1-20.	https://dx.doi.org/10.1371/journal.pone.0197993		FP5	Cluster - 5.4	Yes	PLoS ONE	Y	1.16	Y
Pamela Pali, Victor Manyong, Marc Schut, Paul Kibwiika, Mastewal Yami, Piet Van Asten. (15/5/2018). Opportunities and pitfalls for researchers to contribute to the design of evidence-based agricultural policies: lessons from Uganda. International Journal of Agricultural Sustainability, 16(3), pp. 272-285.	https://dx.doi.org/10.1080/14735903.2018.1471830		FP5	Cluster - 5.4	Yes	International Journal of Agricultural Sustainability	Y	0.67	Y
Shiferaw Tafesse, Cees Leeuwis, Damtew E, Berga Tereda Lemaga, Kalpana Sharma. (30/3/2018). Farmers' knowledge and practices of potato disease management in Ethiopia. NJAS - Wageningen Journal of Life Sciences, 86-87, pp. 25-38.	https://dx.doi.org/10.1016/j.njas.2018.03.004	http://hdl.handle.net/10568/92017	FP5	Cluster - 5.4	Yes	NJAS - Wageningen Journal of Life Sciences	Y	0.69	Y
Zerihun Yemataw, Guy Blomme, S. Muzemil, Kassahun Tesfaye. (5/12/2018). Assessing qualitative and phenotypic trait diversity in Ethiopian enset [Ensete ventricosum (Welw.) Cheesman] landraces. Fruits, 6(73), pp. 310-327.	https://dx.doi.org/10.17660/th2018/73.6.2	http://hdl.handle.net/10568/99069	FP5	Cluster - 5.4	Yes	Fruits	Y	0.3	Y
Zerihun Yemataw, K. Tawle, Guy Blomme, Kim Jacobsen. (5/12/2018). Traditional enset [Ensete ventricosum (Welw.) Cheesman] sucker propagation methods and opportunities for crop improvement. Fruits, 73(6), pp. 342-348.	https://dx.doi.org/10.17660/th2018/73.6.4	http://hdl.handle.net/10568/99072	FP5	Cluster - 5.4	Yes	Fruits	Y	0.3	Y
Zerihun Yemataw, K. Tawle, M. Bolton, R. Kebede, Guy Blomme. (5/12/2018). Integration of shade-tolerant forage legumes under enset [Ensete ventricosum (Welw.) Cheesman] plants in south-western Ethiopia. Fruits, 73(6), pp. 342-348.	https://dx.doi.org/10.17660/th2018/73.6.7	http://hdl.handle.net/10568/99108	FP5	Cluster - 5.4	Yes	Fruits	Y	0.3	Y
Zerihun Yemataw, Tsegaye Bekele, Guy Blomme, S. Muzemil, Kassahun Tesfaye, Kim Jacobsen. (20/12/2018). A review of enset [Ensete ventricosum (Welw.) Cheesman] diversity and its use in Ethiopia. Fruits, 6(73), pp. 301-309.	https://dx.doi.org/10.17660/th2018/73.6.1	http://hdl.handle.net/10568/99067	FP5	Cluster - 5.4	Yes	Fruits	Y	0.3	Y