

Type		AfricaRice Bibliography (since year 2000)
2021	Journal article	Arouna A, Michler JD, Yergo WG and Saito K. 2021. One size does not fit all: Experimental evidence on the digital delivery of personalized extension advice in Nigeria. <i>American Journal of Agricultural Economics</i> 103(2):596-619.
2020	Journal article	Abera B, Senthilkumar K, Stuerz S, Cotter M, Rajaona A and Asch F. 2020. Season-specific varietal management as an option to increase rainfed lowland rice production in East African high-altitude cropping systems. <i>Journal of Agronomy and Crop Sciences</i> 206(4):433–443.
2020	Journal article	Amoah NKA, Akromah R, Kena AW, Manneh B, Dieng I and Bimpong IK. 2020. Mapping QTLs for tolerance to salt stress at the early seedling stage in rice (<i>Oryza sativa</i> L.) using a newly identified donor ‘Madina Koyo’. <i>Euphytica</i> 216:156.
2020	Journal article	Arouna A and Aboudou R. Dataset of the survey on e-registration and geo-referenced of rice value chain actors for the diffusion of technologies: Case of Benin and Côte d'Ivoire. <i>Data in Brief</i> 30, Article number: 105642.
2020	Journal article	Arouna A, Soullier G, Mendez del Villar P and Demont M. 2020. Policy options for mitigating impacts of COVID-19 on domestic rice value chains and food security in West Africa. <i>Global Food Security</i> 26, Article number: 100405.
2020	Journal article	Badro H, Ndjiondjop MN, Furtado A and Henry R. 2020. Sequence variants linked to key traits in interspecific crosses between African and Asian rice. <i>Plants</i> 9(12):1653.
2020	Journal article	Chew J, Zhu L, Nielsen S, Graber E, Mitchell DRG, Horwat J, Mohammed M, Liu M, Zwieten VL, Donne S, Munroe P, Taherymoosavi S, Pace B, Rawal A, Hook J, Marjo C, Thomas SD, Pan G, Li L, Bian R, McBeath A, Bird M, Thomas T, Husson O et al. 2020. Biochar-based fertilizer: Supercharging root membrane potential and biomass yield of rice. <i>Science of the Total Environment</i> 713, Article number: 136431.
2020	Journal article	Chuma BA, Cotter M, Kalisa A, Rajaona A, Senthilkumar K, Stuerz S, Vincent I and Asch F. 2020. Altitude, temperature, and N management effects on yield and yield components of contrasting lowland rice cultivars. <i>Journal of Agronomy and Crop Sciences</i> 206(4):456–465.
2020	Journal article	Cotter M, Asch F, Abera BB, Boshuwenda CA, Senthilkumar K, Rajaona A, Raafindrazaka A, Saito K and Stuerz S. 2020. Creating the data basis to adapt agricultural decision support tools to new environments, land management, and climate change. <i>Journal of Agronomy and Crop Sciences</i> 206(4):423–432.

2020	Journal article	Devkota KP, Sudhir-Yadava, Khanda CM, Sarah J.Beebout SJ, Mohapatra BK, Singleton GR and Puskur R. 2020. Assessing alternative crop establishment methods with a sustainability lens in rice production systems of Eastern India. <i>Journal of Cleaner Production</i> 244, Article number: 118835.
2020	Journal article	Dossou-Yovo ER, Vandamme E, Dieng I, Johnson J-M and Saito K. 2020. Decomposing rice yield gaps into efficiency, resource and technology yield gaps in sub-Saharan Africa. <i>Field Crops Research</i> 258: 107963.
2020	Journal article	Eyenga E-F, Tang EN, Achu MBL, Boulanger R, Mbacham WF and Ndindeng SA. 2020. Physical, nutritional and sensory quality of rice-based biscuits fortified with Safou (<i>Dacryodes edulis</i>) fruit powder. <i>Food Science & Nutrition</i> 8(7):3413–3424.
2020	Journal article	Gouda AC, Ndjiondjop MN, Djedatin GL, Warburton ML, Goungoulou A, Kpeki SB, N'Diaye A and Semagn K. 2020. Comparisons of DNA sampling methods for assessing intra and inter accession genetic diversity in three rice species using genotyping by sequencing. <i>Scientific reports</i> 10, Article number: 13995.
2020	Journal article	Halewood M, Jamora N, Noriega IL, Anglin NL, Wenzl P, Payne T, Ndjiondjop MN, et al. 2020. Germplasm Acquisition and Distribution by CGIAR Genebanks. <i>Plants</i> 9(10):1296.
2020	Journal article	Ibrahim A and Fatondji D. 2020. Optimizing manure management for enhancing millet yields and resources use efficiency under rehabilitated plinthosols in the Sahel. <i>Journal of Arid Environments</i> 181:104225.
2020	Journal article	Issoufa BB, Ibrahim A, and Abaidoo RC. 2020. Agronomic and economic benefits of integrated nutrient management options for cowpea production. <i>Experimental Agriculture</i> 56(3):440–452.
2020	Journal article	Kini K, Agnimonhan R, Wonni I and Silue D. 2020. An efficient inoculation technique to assess the pathogenicity of <i>Pantoea</i> spp associated to bacterial blight of rice. <i>BIO-PROTOCOL</i> 10 (17).
2020	Journal article	Kini K, Lefeuvre P, Poulin L, Silué D and Koebnik R. 2020. Genome Resources of Three West African Strains of <i>Pantoea ananatis</i> Causing Bacterial Blight and Grain Discoloration of Rice. <i>Phytopathology</i> 110 (9):1500–1502.

2020	Journal article	Kruseman G, Mottaleb KA, Tesfaye K, Bairagi S, Robertson R, Mandiaye D, Frija A, Gbegbelegbe S, Alene A and Prager S. 2020. Rural transformation and the future of cereal-based agri-food systems. <i>Global Food Security</i> 26:100441.
2020	Journal article	Kwesiga J, Grotelüschen K, Senthilkumar K, Neuhoff D, Döring TF and Becker M. 2020. Rice yield gaps in smallholder systems of the Kilombero floodplain in Tanzania. <i>Agronomy</i> 10(8):1135.
2020	Journal article	Kwesiga J, Grotelüschen K, Senthilkumar K, Neuhoff D, Döring TF and Becker M. 2020. Effect of organic amendments on the productivity of rainfed lowland rice in the Kilombero floodplain of Tanzania. <i>Agronomy</i> 10(9):1280.
2020	Journal article	McCouch S, Navabi ZK, Abberton M, Anglin NL, Barbieri BL, Baum M, Bett K, Booker H, Brown GL, Bryan GJ, Cattivelli L, Charest D, Eversole K, Freitas M, Ghamkhar K, Grattapaglia D, Henry R, Inglis MCV, Islam T, Kehel, Z, Kersey PJ, King GJ, Kresovich S, Marden E, Mayes S, Ndjiondjop MN, et al. 2020. Mobilizing crop biodiversity. <i>Molecular Plant</i> 13(10):1341–1344.
2020	Journal article	Razafindrazaka AL, Stuerz S, Cotter M, Rajaona A and Asch F. 2020. Genotypic yield response of lowland rice in high-altitude cropping systems. <i>Journal of Agronomy and Crop Sciences</i> 206(4):444–455.
2020	Journal article	Semwal VK and Khanna-Chopra R. 2020. Enhanced oxidative stress, damage and inadequate antioxidant defense contributes towards insufficient recovery in water deficit stress and heat stress combination compared to either stresses alone in <i>Chenopodium album</i> (Bathua). <i>Physiology and Molecular Biology of Plants</i> 26:1331–1339.
2020	Journal article	Senthilkumar K, Rodenburg J, Dieng I, Vandamme E, Sillo FS, Johnson JM, Rajaona A, Ramarolahy JA, Gasore R, Bayuh BA, Kajiru GJ, Mghase J, Lamo J, Rabeson R and Saito K 2020. Quantifying rice yield gaps and their causes in Eastern and Southern Africa. <i>Journal of Agronomy and Crop Sciences</i> 206(4):478–490.
2020	Journal article	Stuerz S, Shrestha SP, Schmierer M, Vu DH, Hartmann J, Sow A, Razafindrazaka A, et. 2020. Climate determinants of lowland rice development. <i>Journal of Agronomy and Crop Sciences</i> 206(4):466–477.
2020	Journal article	Tano BF, Brou CY, Dossou-Yovo ER, Saito K, Futakuchi K, Wopereis MCS and Husson O. 2020. Spatial and temporal variability of soil redox potential, pH and electrical conductivity across a toposequence in the Savanna of West Africa <i>Agronomy</i> 10(11):1787.

2020	Journal article	Tippe DE, Bastiaans L, Ast AV, Dieng I, Cissoko M, Kayeke J, Makokha DW and Rodenburg J. 2020. Fertilisers differentially affect facultative and obligate parasitic weeds of rice and only occasionally improve yields in infested fields. <i>Field Crops Research</i> 254: 107845.
2020	Journal article	Zossou E, Arouna A, Diagne A, Agbo-Noameshie RA. 2020. Learning agriculture in rural areas: the drivers of knowledge acquisition and farming practices by rice farmers in West Africa. <i>The Journal of Agricultural Education and Extension</i> 26 (3):291–306.
2020	Journal article	Zossou E, Saito K, Imorou AA, Ahouanton K, Tarfa BD. 2020. Participatory diagnostic for scaling a decision support tool for rice crop management in northern Nigeria. <i>Development in Practices</i> 31(1):11-26.
2020	Journal article	Akpoti, Komlavi, Amos T. Kabo-bah, Elliott R. Dossou-Yovo, Thomas A. Groen, and Sander J. Zwart. 2020. “Mapping Suitability for Rice Production in Inland Valley Landscapes in Benin and Togo Using Environmental Niche Modeling.” <i>Science of The Total Environment</i> 709:136165.
2020	Journal article	Arouna, Aminou and Rachidi Aboudou. 2020. “Dataset of the Survey on E-Registration and Geo-Referenced of Rice Value Chain Actors for the Diffusion of Technologies: Case of Benin and Côte d’Ivoire.” <i>Data in Brief</i> 30:105642.
2020	Journal article	Fousseyni Cisse, Jean R. Sangare, Medoune P. Khouma, Kang Kyung Ho, and Baboucarr Manneh. 2020. “Performance of New Lines from Anther Culture, Mutation Breeding and Interspecific Crosses, under Lowland and Irrigated Condition in Mali.” <i>Journal of Food Science and Engineering</i> 10(1).
2020	Journal article	Bangratz, Martine, Issa Wonni, Kossi Kini, Moussa Sondo, Christophe Brugidou, Gilles Béna, Fatoumata Gnacko, Mariam Barro, Ralf Koebnik, Drissa Silué, and Charlotte Tollenaere. 2020. “Design of a New Multiplex PCR Assay for Rice Pathogenic Bacteria Detection and Its Application to Infer Disease Incidence and Detect Co-Infection in Rice Fields in Burkina Faso” edited by K. Ulaganathan. <i>PLOS ONE</i> 15(4):e0232115.
2020	Journal article	Soullier, Guillaume, Matty Demont, Aminou Arouna, Frédéric Lançon, and Patricio Mendez del Villar. 2020. “The State of Rice Value Chain Upgrading in West Africa.” <i>Global Food Security</i> 25:100365.
2020	Journal article	Diop B, Wang DR, Drame KN, Gracen V, Tongoona P, Dzidzienyo D, Nartey E, Greenberg AJ, Djiba S, Danquah EY and McCouch SR. 2020. Bridging Old and New: Diversity and Evaluation of High Iron-Associated Stress Response of Rice Cultivated in W. Africa. <i>Journal of Experimental Botany</i> 71(14):4188–4200.

2019	Journal article	Kini, Kossi, Rachelle Dossa, Bernadin Dossou, Mariame Mariko, Ralf Koebnik, and Drissa Silué. 2019. "A Semi-Selective Medium to Isolate and Identify Bacteria of the Genus Pantoea." <i>Journal of General Plant Pathology</i> .
2019	Books and book chapter	Zenna, Negussie, Baboucarr Manneh, Mulugeta Atnaf, and Fesseha Worede. 2019. "Molecular Breeding and Biotechnology for Rice Improvement in the Developing World." Pp. 79–98 in <i>Advances in Rice Research and Development in Ethiopia</i> , edited by T. Tadesse, M. Atnaf, D. Alemu, Tilahun Tadesse, and K. Shiratori. Addis Ababa, Ethiopia: EIAR.
2019	Books and book chapter	Roy-Macauley, Harold. 2019. "Advances in Rice Research and Development in Ethiopia." Pp. 7–22 in <i>Advances in Rice Research and Development in Ethiopia</i> , edited by T. Tadesse, M. Atnaf, D. Alemu, Tilahun Tadesse, and K. Shiratori. Addis Ababa, Ethiopia: EIAR.
2019	Journal article	Arouna, Aminou, Jeffrey D. Michler, Wilfried G. Yergo, and Kazuki Saito. 2019. "One Size Fits All? Experimental Evidence on the Digital - Delivery of Personalized Extension Advice in Nigeria." <i>CARDON RESEARCH PAPERS IN AGRICULTURAL AND RESOURCE ECONOMICS</i> 1–40.
2019	Journal article	Badro, Hayba, Marie-Noelle Ndjiondjop, Agnelo Furtado, and Robert Henry. 2019. "SNPs Linked to Key Traits in Hybrids between African and Asian Rice." in <i>SNPs Linked to Key Traits in Hybrids between African and Asian Rice</i> .
2019	Journal article	Tang, Erasmus Nchuaji, Francis Ajebesone Ngome, Sali Atanga Ndindeng, Jude Daiga Bigoga, and Christopher Suh. 2019. "Rice Residues Can Be Converted to Functional Health Nutrients through Mushroom <i>Pleurotus Ostreatus</i> (Jacq. Ex Fr.) Kummer Production." <i>Agriculture and Natural Resources</i> 053(5):506–14.

2019	Journal article	Graham-Acquaah, S., A. Mauromoustakos, R. P. Cuevas, and J. T. Manful. 2019. "Differences in Physicochemical Properties of Commercial Rice from Urban Markets in West Africa." <i>Journal of Food Science and Technology</i> .
2019	Journal article	Devkota, Krishna Prasad, Sudhir-Yadav, C. M. Khanda, Sarah J. Beebout, Bidhan K. Mohapatra, Grant R. Singleton, and Ranjitha Puskur. 2019. "Assessing Alternative Crop Establishment Methods with a Sustainability Lens in Rice Production Systems of Eastern India." <i>Journal of Cleaner Production</i> 118835.
2019	Journal article	Huat, J., Dossou-Yovo, E., Guindo, M., Avohou, H., Furlan, T., Sanogo, F., and Touré, A. (2019). A spatial database of lowland cropping systems in Benin, Mali and Sierra Leone. <i>Data in Brief</i> , 24, 103876. https://doi.org/10.1016/j.dib.2019.103876
2019	Journal article	Huat, J., Fusillier, J.-L., Dossou-Yovo, E., Lidon, B., Kouyaté, A. M., Touré, A., ... Hamadoun, A. (2019). Benefits and limits of inland valley development to enhance agricultural growth: a farmers' perception approach in southern Mali. <i>Environment, Development and Sustainability</i> . https://doi.org/10.1007/s10668-019-00466-6
2019	Journal article	Johnson, J.-M., Vandamme, E., Senthilkumar, K., Sila, A., Shepherd, K. D., and Saito, K. (2019). Near-infrared, mid-infrared or combined diffuse reflectance spectroscopy for assessing soil fertility in rice fields in sub-Saharan Africa. <i>Geoderma</i> , 354, 113840. https://doi.org/10.1016/j.geoderma.2019.06.043
2019	Journal article	Johnson, J-M., Rodenburg, J., Tanaka, A., Senthilkumar, K., Ahouanton, K., Dieng, I., Klotoe, A., Akakpo, C., Segda, Z., Yameogo, L.P., Gbakatchetche, H., Acheampong, G.K., Bam, R.K., Bakare, O.S., Kalisa, A., Gasore, E.R., Ani, S., Ablede, K., and Saito, K. 2019. Farmers' perceptions on mechanical weeders for rice production in sub-Saharan Africa. <i>Experimental Agriculture</i> , 55(1), 117-131.
2019	Journal article	Kang, D.-J., and Futakuchi, K. (2019). Effect of Moderate Drought-Stress on Flowering Time of Interspecific Hybrid Progenies (<i>Oryza sativa</i> L. × <i>Oryza glaberrima</i> Steud.). <i>Journal of Crop Science and Biotechnology</i> , 22(1), 75–81. https://doi.org/10.1007/s12892-019-0015-0

2019	Journal article	Kini, K., Dossa, R., Dossou, B., Mariko, M., Koebnik, R., and Silué, D. (2019). A semi-selective medium to isolate and identify bacteria of the genus <i>Pantoea</i> . <i>Journal of General Plant Pathology</i> . https://doi.org/10.1007/s10327-019-00862-w
2019	Journal article	Mel, V. C., Bado, V. B., Ndiaye, S., Djaman, K., Aissata Bama Nati, D., Manneh, B., and Futakuchi, K. (2019). Predicting Rice Yield Under Salinity Stress Using K/Na Ratio Variable in Plant Tissue. <i>Communications in Soil Science and Plant Analysis</i> , 50(11), 1321–1329. https://doi.org/10.1080/00103624.2019.1614605
2019	Journal article	Mel, V. C., Bado, V. B., Ndiaye, S., Djaman, K., Nati, D. A. B., Manneh, B., and Futakuchi, K. (2019). Suitable management options to improve the productivity of rice cultivars under salinity stress. <i>Archives of Agronomy and Soil Science</i> , 65(8), 1093–1106. https://doi.org/10.1080/03650340.2018.1552785
2019	Journal article	Mohapatra, S. (2019). Nerica – tailor-made innovation for Africa’s rainfed rice ecology. <i>Rural 21: The International Journal for Rural Development</i> . Retrieved from https://www.rural21.com/francais/actualites/detail/article/nerica-tailor-made-innovation-for-africas-rainfed-rice-ecology-00003304/
2019	Journal article	N’cho, S. A., Mourits, M., Rodenburg, J., and Oude Lansink, A. (2019). Inefficiency of manual weeding in rainfed rice systems affected by parasitic weeds. <i>Agricultural Economics</i> . https://doi.org/10.1111/agec.12473
2019	Journal article	Ndjiondjop, M.N., Alachiotis, N., Pavlidis, P., Goungoulou, A., Kpeki, S.B., Zhao, D. and Semagn, K. 2019. Comparisons of molecular diversity indices, selective sweeps and population structure of African rice with its wild progenitor and Asian rice. <i>Theoretical and Applied Genetics</i> 132: 1145.

2019	Journal article	Ndindeng, S. A., Wopereis, M., Sanyang, S., and Futakuchi, K. (2019). Evaluation of fan-assisted rice husk fuelled gasifier cookstoves for application in sub-Sahara Africa. <i>Renewable Energy</i> , 139, 924–935. https://doi.org/10.1016/j.renene.2019.02.132
2019	Journal article	Omore, A., Kidoido, M., Twine, E., Kurwijila, L., O'Flynn, M., and Githinji, J. (2019). Using “theory of change” to improve agricultural research: recent experience from Tanzania. <i>Development in Practice</i> , 1–14. https://doi.org/10.1080/09614524.2019.1641182
2019	Journal article	Onyango, D. A., Entila, F., Dida, M. M., Ismail, A. M., and Drame, K. N. (2019). Mechanistic understanding of iron toxicity tolerance in contrasting rice varieties from Africa: 1. Morpho-physiological and biochemical responses. <i>Functional Plant Biology</i> , 46(1), 93. https://doi.org/10.1071/FP18129
2019	Journal article	Rodenburg, J., Johnson, J.-M., Dieng, I., Senthilkumar, K., Vandamme, E., Akakpo, C., ... Saito, K. (2019). Status quo of chemical weed control in rice in sub-Saharan Africa. <i>Food Security</i> . https://doi.org/10.1007/s12571-018-0878-0
2019	Journal article	Saito, K., Touré, A., Arouna, A., Fiamohe, R., Silué, D., Manful, J., ... Efiue, A. A. (2019). Multidisciplinary assessment of agricultural innovation and its impact: a case study of lowland rice variety WITA 9 in Côte d'Ivoire. <i>Plant Production Science</i> , 1–15. https://doi.org/10.1080/1343943X.2019.1667834
2019	Journal article	Saito, K., Vandamme, E., Johnson, J.M., Tanaka, A., Senthilkumar, K., Dieng, I., Akakpo, C., Gbaguidi, F., Segda, Z., Bassoro, I., Lamare, D., Gbakatchetche, H., Abera, B.B., Jaiteh, F., Bam, R.K., Dogbe, W., Sékou, K., Rabeson, R., Kamissoko, N., Mossi, I.M., Tarfa, B.D., Bakare, S.O., Kalisa, A., Baggie, I., Kajiru, G.J., Ablede, K., Ayeva, T., Nanfumba, D., and Wopereis, M.C.S. 2019. Yield-limiting macronutrients for rice in sub-Saharan Africa. <i>Geoderma</i> 338:546-554.

2019	Journal article	Tang, E. N., Ndindeng, S. A., Bigoga, J., Traore, K., Silue, D., and Futakuchi, K. (2019). Mycotoxin concentrations in rice from three climatic locations in Africa as affected by grain quality, production site, and storage duration. <i>Food Science and Nutrition</i> . https://doi.org/10.1002/fsn3.959
2019	Journal article	Tsujimoto, Y., Rakotoson, T., Anaka, A., and Saito, K. (2019). Challenges and opportunities for improving N use efficiency for rice production in Sub-Saharan Africa. <i>Plant Production Science</i> . https://doi.org/10.1080/1343943X.2019.1617638
2019	Journal article	Wambugu, P. W., Ndjiondjop, M.-N., and Henry, R. (2019). Advances in Molecular Genetics and Genomics of African Rice (<i>Oryza glaberrima</i> Steud). <i>Plants</i> , 8(10), 376. https://doi.org/10.3390/plants8100376
2018	Journal article	Saito, K., Vandamme, E., Johnson, J.M., Tanaka, A., Senthilkumar, K., Dieng, I., Akakpo, C., Gbaguidi, F., Segda, Z., Bassoro, I., Lamare, D., Gbakatchetche, H., Abera, B.B., Jaiteh, F., Bam, R.K., Dogbe, W., Sékou, K., Rabeson, R., Kamissoko, N., Mossi, I.M., Tarfa, B.D., Bakare, S.O., Kalisa, A., Baggie, I., Kajiru, G.J., Ablede, K., Ayeva, T., Nanfumba, D., and Wopereis, M.C.S. 2019. Yield-limiting macronutrients for rice in sub-Saharan Africa. <i>Geoderma</i> 338:546-554.
2018	Journal article	Danvi, A., Giertz, S., Zwart, S.J., and Diekkrüger, B. 2018. Rice Intensification in a Changing Environment: Impact on Water Availability in Inland Valley Landscapes in Benin. <i>Water</i> 10:74.
2018	Journal article	Djagba, J.F., Zwart, S.J., Houssou, C.S., Tenté, B.H.A., and Kiepe, P. 2018. Ecological sustainability and environmental risks of agricultural intensification in inland valleys in Benin. <i>Environment, Development and Sustainability</i> 1–22
2018	Journal article	Djaman, K., Mel, V.C., Ametonou, F.Y., El-Namaky, R., Diallo, M.D., and Koudahe, K. 2018. Effect of Nitrogen Fertilizer Dose and Application Timing on Yield and Nitrogen Use Efficiency of Irrigated Hybrid Rice under Semi-Arid Conditions. <i>Journal of Agricultural Science and Food Research</i> 9(2):223.

2018	Journal article	Dossou-Yovo, E.R., Zwart, S.J., Kouyaté, A., Ouédraogo, I., and Bakare, O. 2018. Predictors of Drought in Inland Valley Landscapes and Enabling Factors for Rice Farmers' Mitigation Measures in the Sudan-Sahel Zone. <i>Sustainability</i> 11(1):1-17.
2018	Journal article	Dossou-Yovo, E.R., Kouyaté, A.M., Sawadogo, T., Ouédraogo, I., Bakare, O.S., Zwart, S.J. 2018. A geospatial database of drought occurrence in inland valleys in Mali, Burkina Faso and Nigeria. <i>Data in Brief</i> 19:2008-2014.
2018	Journal article	Husson, O., Audebert, A., Benada, J., Soglonou, B., Tano, F., Dieng, I., Bousset, L., Sarthou, J-P., Joseph, S., Menozzi, P., Boulakia, S., and Futakuchi, K. 2018. Leaf Eh and pH: A Novel Indicator of Plant Stress. <i>Spatial, Temporal and Genotypic Variability in Rice (Oryza sativa L.)</i> . <i>Agronomy</i> 8(10):209
2018	Journal article	Kini, K., Agnimonhan, R., Dossa, R., Silué, D., and Koebnik, R. 2018. A diagnostic multiplex PCR scheme for identification of plant-associated bacteria of the genus <i>Pantoea</i> . <i>bioRxiv</i> 456806
2018	Journal article	Mbodj, D., Effa-Effa, B., Kane, A., Manneh, B., Gantet, P., Laplaze, L., Diedhiou, A., and Grondin, A. 2018. Arbuscular mycorrhizal symbiosis in rice: Establishment, environmental control and impact on plant growth and resistance to abiotic stresses. <i>Rhizosphere</i> 8:12-26
2018	Journal article	Mel, V.C., Bado, V.B., Ndiaye, S., Djaman, K., Nati, D.A.B., Manneh, B., and Futakuchi, K. 2018. Suitable management options to improve the productivity of rice cultivars under salinity stress. <i>Archives of Agronomy and Soil Science</i> . Doi. org/10.1080/03650340.2018.1552785 .

2018	Journal article	Mgendi, G.S., Mujawamariya, G., and Isinika, A.C. 2018. Consumers' preference and market segmentation in developing countries : rice marketing in Tanzania.The Retail and Marketing Review 14(2):1 - 1
2018	Journal article	Ndjiondjop, M.N., Semagn, K., Zhang, J., Gouda, A.C., Kpeki, S.B., Goungoulou, A., Wambugu, P., Dramé, K.N., Bimpong, I.K., Zhao, D. 2018. Development of species diagnostic SNP markers for quality control genotyping in four rice (<i>Oryza L.</i>) species. <i>Molecular Breeding</i> 38: 131.
2018	Journal article	Onyango. D.A., Entila, F., Dida, M.M., Ismail, A.M., and Drame, K.N.2018. Mechanistic understanding of iron toxicity tolerance in contrasting rice varieties from Africa: 1. Morpho-physiological and biochemical responses. <i>Functional Plant Biology</i> , 2019, 46, 93–105
2018	Journal article	Senthilkumar, K., Tesha, B.J., Mghase, J., Rodenburg, J. 2018. Increasing paddy yields and improving farm management: results from participatory experiments with good agricultural practices (GAP) in Tanzania. <i>Paddy and Water Environment</i> 16(4):749–766
2018	Journal article	Udomkun, P., Ilukor, J., Mockshell, J., Mujawamariya, G., Okafor, C., Bullock, R., Nabahungu, N.L., and Vanlauwe, B. 2018. What are the key factors influencing consumers' preference and willingness to pay for meat products in Eastern DRC? <i>Food Science and Nutrition</i> 6:2321–2336.
2018	Journal article	Yelome, O.I., Audenaert, K., Landschoot, S., Dansi, A., Vanhove, W., Silue, D., Van Damme, P., and Haes, G. 2018. Analysis of population structure and genetic diversity reveals gene flow and geographic patterns in cultivated rice (<i>O. sativa</i> and <i>O. glaberrima</i>) in West Africa. <i>Euphytica</i> 214: 215.
2018	Journal article	Zohoun, E.V., Ndindeng, S.A., Soumanou, M.M., Tang, E.N., Bigoga, J., Manful, J., Sanyang. S., Akissoe, N.H., and Futakuchi, K. 2018. Appropriate parboiling steaming time at atmospheric pressure and variety to produce rice with weak digestive properties. <i>Food Science & Nutrition</i> 6:757–764

	Journal article	Duku C, Zwart SJ, van Bussel LGJ and Hein L. 2018. Quantifying trade-offs between future yield levels, food availability and forest and woodland conservation in Benin. <i>Science of the Total Environment</i> , 610-611: 1581-1589
2018	Journal article	Paresys L, Malezieux E, Huat J Kropff MJ and Rossing WAH. 2018. Between all-for-one and each-for-himself: On-farm competition for labour as determinant of wetland cropping in two Beninese villages. <i>Agricultural Systems</i> . 159: 126-138.
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2018	Journal article	Niang A, Becker M, Ewert F, Tanaka A, Dieng I and Saito K. 2018. Yield variation of rainfed rice as affected by field water availability and N fertilizer use in central Benin. <i>Nutrient Cycling in Agroecosystems</i> . Doi.org/10.1007/s10705-017-9898-y.
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2018	Journal article	Djaman K, Irmak S, Sall M, Sow A and Kabenge I. 2018. Comparison of sum-of-hourly and daily time step standardized ASCE Penman-Monteith reference evapotranspiration. <i>Theoretical and Applied Climatology</i> , DOI 10.1007/s00704-017-2291-6

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2017	Journal article	Rudnick DR, Irmak S, Djaman K and Sharma V. 2017. Impact of irrigation and nitrogen fertilizer rate on soil water trends and maize evapotranspiration during the vegetative and reproductive periods. <i>Agricultural Water Management</i> 191: 77-84
2017	Journal article	Sharma V, Irmak S, M. ASCE, Sharma V, Djaman K and Odhiambo L. 2017. Soil-water dynamics, evapotranspiration, and crop coefficients of cover-crop mixtures in seed maize cover-crop rotation fields. I: soil-water dynamics and evapotranspiration. <i>Journal of Irrigation and Drainage Engineering</i> . 143(9):
2017	Journal article	Tran B and Sonntag F. 2017. E-learning courses made in West Africa, for African youth. <i>Rural 21, The International Journal for Rural Development</i> . 51(2): 22-24
2017	Journal article	El-Namaky and van Oort PAJ. 2017. Phenology, sterility and inheritance of two environment genic male sterile (EGMS) lines for hybrid rice. <i>Rice</i> . 10(1): 31
2017	Journal article	Mujawamariya G and Kalema ER. 2017. Limited usage of mechanical equipment in small-scale rice farming: a cause for concern. <i>Journal of Agriculture and Environment for International Development</i> . 111(1): 5-21
2017	Journal article	Dossou-Yovo ER, Baggie I, Djagba JF and Zwart SJ. 2017. Diversity of inland valleys and opportunities for agricultural development in Sierra Leone. <i>PLoS ONE</i> 12(6): e0180059. https://doi.org/10.1371/journal.pone.0180059

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2017	Journal article	Cotter M, Asch F, Hilger T, Rajaona A, Schappert A, Stuerz S and Yang X. 2017.Measuring leaf area index in Asian rubber plantations - a challenge.Ecological Indicators. 82: 357-366.
2017	Journal article	Hubert J, Lyimo HJF and Luzi-Kihupi A. 2017. Pathogenic variation and occurrence of multiple resistance-breaking rice yellow mottle virus strains in Tanzania.American Journal of Plant Sciences. 8: 1820-1841
2017	Journal article	Mapiemfu DL, Ndindeng SA, Ambang Z, Tang EN, Ngome F, Johnson JM, Tanaka A and Saito K. 2017. Physical rice grain quality as affected by biophysical factors and pre-harvest practices.International Journal of Plant Production. 11(4): 1735-8043.

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2017	Journal article	Danvi A, Giertz S, Zwart SJ and Diekkrüger B. 2017. Comparing water quantity and quality in three inland valley watersheds with different levels of agricultural development in central Benin. <i>Agricultural Water Management</i> . 192: 257-270.
2017	Journal article	Frimpong F, Amponsah SK, Owusu DE, Agyeman K, Oteng-Darko P, Oppong CP, Berdjour A and Bessah E. 2017. Assessment of aquaponics-based food production systems effluents on the performance of maize. <i>International Journal of Agricultural Research and Review</i> . 5(4):615-627
2017	Journal article	Pidon H, Ghesquiere A, Cheron S, Issaka S, Hebrard E, Sabot F, Kolade O, Silue D and Albar L. 2017. Fine mapping of RYMV3: a new resistance gene to rice yellow mottle virus from <i>oryza glaberrima</i> . <i>Theoretical and Applied Genetics</i> . 130(4): 807-818.
2017	Journal article	Dingkuhn M, Pasco R, Pasuquin J, Damo J, Soulié JC, Raboin LM, Dusserre J, Sow A, Manneh B, Shrestha S, Balde A and Kretschmar T. 2017. Crop-model assisted phenomics and genome-wide association study for climate adaptation of indica rice. 1. Phenology. <i>Journal of Experimental Botany</i> . 68(15): 4369-4388
2017	Journal article	Leemhuis C, Thonfeld F, Näschen K, Steinbach S, Muro J, Strauch A, López A, Daconto G, Games I and Diekkrüger B. 2017. Sustainability in the food-water-ecosystem nexus: The role of land use and land cover change for water resources and ecosystems in the Kilombero wetland, Tanzania. <i>Sustainability</i> . 9(9): 1513.
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2017	Journal article	Kabiri S, Rodenburg J, van Ast A and Bastiaans L. 2017. Slavery in plants: How the facultative hemi-parasitic plant <i>Rhamphicarpa fistulosa</i> can completely dominate its host. <i>Annals of Applied Biology</i> . 171(3): 353-363
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2017	Journal article	Dibba L, Manfred Zeller and Diagne A. 2017. The impact of new Rice for Africa (NERICA) adoption on household food security and health in the Gambia. <i>Food Security</i> . 9(5): 929-944
2017	Journal article	Kam H, Ndjiondjop MN, Sanou J, Sow M, Ouedraogo I and Laing M. 2017. Diversity assessment and geographical variability of rice landraces collected from Burkina Faso. <i>International Journal of Development and Sustainability</i> , 6(7): 479-496
2017	Journal article	Bernard M, Tran B and Furst S. 2017. Africa youth bring innovations to farming. <i>Rural 21: The International Journal for Rural Development</i> . 51(3): 28-30.
2017	Journal article	Mapiemfu DL, Ndindeng SA, Ambang Z, Tang EN, F. Ngome F, Johnson JM, Tanaka A and Saito K. 2017. Physical rice grain quality as affected by biophysical factors and pre-harvest practices. <i>International Journal of Plant Production</i> . 11(4): 1735-8043

2017	Journal article	Arouna A, Adegbola P, Zoussou RC and Diagne A. 2017. Contract farming preferences by smallholder rice producers in Africa: A stated choice model using mixed logit. <i>Tropicultura</i> , 35(3): 180-191
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2017	Journal article	Ndiaye PM, Bodian A, Diop L and Djaman K. 2017. Sensitivity analysis of the penman-monteith reference evapotranspiration to climatic variables: Case of Burkina Faso. <i>Journal of Water Resource and protection</i> . 9: 1364-1376.

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2017	Journal article	Yokouchi T and Saito K. 2017. Why did farmers stop cultivating NERICA upland rice varieties in central Benin? <i>International Journal of Agricultural Sustainability</i> . 15(6): 724-734
2017	Journal article	Arouna A, Akpa AKA and Adegbola PY. 2017. Impact de la technologie smart-valley pour l`amenagement des basfonds sur le revenu et le rendement des petits producteurs de riz au Benin. <i>Cahiers du Centre Beninois de la Recherche Scientifique et de l`Innovation</i> . 12: 47-66
2017	Journal article	Depieu ME, Arouna A and Doumbia S. 2017. Analyse diagnostique des systems de culture en riziculture de bas-fond a Gagnoa, au centre ouest de la Cote d`Ivoire. <i>Agronomie Africaine</i> . 29(1): 79-92.

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2017	Books and book chapter	Zenna N, Senthilkumar K and Sie M. 2017. Rice production in Africa. In: Chauhan BS, Jabran K, Mahajan G (eds.) <i>Rice Production Worldwide</i> . Springer International Publishing, USA. pp. 117-135. doi. 10.1007/978-3-319-47516-5_5.
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2017	Books and book chapter	Defoer T, Dugue MJ, Loosvelt M and Worou S. 2017. <i>Smart-valleys: Trainer-facilitator's manual</i> . Abidjan, Cote d'Ivoire: AfricaRice Center (AfricaRice). 130pp
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2017	Books and book chapter	Ndjiondjop MN, Wambugu P, Sangare JR, Tia DD, Kpeki B and Gnikoua K. 2017. <i>Oryza glaberrima</i> Steud. In Compendium Plant Genomes, Tapan K. Mondal and Robert Henry (Eds): The Wild <i>Oryza</i> Genomes. Book ISBN: 978-3-319-71996-2

2017	Books and book chapter	Ndjiondjop MN, Wambugu P, Tia DD, Mufumbo R, Sangare JR and Gnikoua K. 2017. <i>Oryza longistaminata</i> . Chev A and Röhr. In <i>Compendium Plant Genomes</i> , Tapan K. Mondal and Robert Henry (Eds): <i>The Wild Oryza Genomes</i> . Book ISBN: 978-3-319-71996-2
2017	Books and book chapter	Wambugu P, Nyamongo D, Ndjiondjop MN and Henry R. 2017. Evolutionary relationships in the <i>Oryza</i> genus. In <i>Compendium Plant Genomes</i> , Tapan K. Mondal and Robert Henry (Eds): <i>The Wild Oryza Genomes</i> . 978-3-319-71996-2, 394516_1_En (9)
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2017	Journal article	Dossou-Yovo ER, Brüggemann N, Jesse N, Huat J, Ago EE and Agbossou EK. 2016. Reducing soil CO2 emission and improving upland rice yield with no-tillage, straw mulch and nitrogen fertilization in northern Benin. Soil & Tillage Research. 156: 44-53

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2016	Journal article	Bimpong IK, Manneh B, Sock M, Diaw F, Amoah NKA, Ismail AM, Gregorio G, Singh RK and Wopereis MCS. 2016. Improving salt tolerance of lowland rice cultivar 'Rassi' through marker-aided backcross breeding in West Africa. <i>Plant Science</i> . 242: 288-299
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2016	Journal article	Gayin J, Abdel-Aal SM, Manful J and Bertoft E. 2016. Unit and internal chain profile of African rice (<i>Oryza glaberrima</i>) amylopectin. <i>Carbohydrate Polymers</i> . 137: 466-472.
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2016	Journal article	Youkochi T and Saito K. 2016. Factors affecting farmers' adoption of NERICA upland rice varieties: The case of a seed producing village in central Benin. <i>Food Security</i> . 8(1): 197-209.

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2016	Journal article	Shepherd JG, Kleemann R, Bahri-Esfahani J, Hudek L, Suriyagoda L, Vandamme E and van Dijk KC. 2016. The future of phosphorus in our hands. <i>Nutrient Cycling in Agroecosystems</i> . 104(3): 281-287
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2016	Journal article	Ndour D, Diouf D, Bimpong IK, Sow A, Kanfany G and Manneh B. 2016. Agro-morphological evaluation of rice (<i>Oryza sativa</i> L.) for seasonal adaptation in the Sahelian environment. <i>Agronomy</i> . 6(1):8 ; doi:10.3390/agronomy6010008
2016	Journal article	Biaou Olaye ARI, Moreira J, Hounhouigan DJ and Amponsah SK. 2016. Effect of threshing drum speed and crop weight on paddy grain quality in axial-flow thresher (ASI). <i>Journal of Multidisciplinary Engineering Science and Technology (JMEST)</i> . 3(1): 3716-3721
2016	Journal article	Hubert J, Luzi-Kihupi A, Hébrard E and Lyimo HJF. 2016. Farmers' knowledge and perceptions of rice yellow mottle virus in selected rice growing areas in Tanzania. <i>International Journal of Science and Research (IJSR)</i> . 5(2): 549-559.
2016	Journal article	El-Namaky R, Sedeek S, Moukoumbi YD, Ortiz R and Manneh B. 2016. Microsatellite-aided screening for fertility restorer genes (<i>Rf</i>) facilitates hybrid improvement. <i>Rice Science</i> . 23(3): 160-164
2016	Journal article	Tsafack N, Alignier A, Head GP, Kim JH, Goulard M, Menozzi P and Ouin A. 2016. Landscape effects on the abundance and larval diet of the polyphagous pest <i>Helicoverpa armigera</i> in cotton fields in North Benin. <i>Pest Manag Sci</i> . 72(8): 1613-1626
2016	Journal article	Souleymane O, Manneh B, Nartey E, Ofori K and Danqua E. 2016. Agronomic performance of early segregating generations of rice under salt stress in Niger. <i>South African Journal of Plant and Soil</i> . 33(3): 195-200.

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2016	Journal article	Rudnick D, Irmak S, Ferguson R, Shaver T, Djaman K, Slater G, Bereuter A, Ward N, Francis D, Schmer M, Wienhold B Van Donk S, and Hendrickson L. 2016. Economic return vs crop water productivity of maize for various nitrogen rates under full irrigation, limited irrigation and rainfed settings in South Central Nebraska. <i>Journal of Irrigation and Drainage Engineering</i> . 142(6): DOI: 10.1061/(ASCE)IR.1943-4774.0001023
2016	Journal article	Kabiri S, van Ast A, Rodenburg J and Bastiaans L. 2016. Host influence on germination and reproduction of the facultative hemi-parasitic weed <i>Rhamphicarpa fistulosa</i> . <i>Annals of Applied Biology</i> . 169(1): 144-154.
2016	Journal article	Akoa Etoa JM, Ndindeng SA, Owusu ES, Woin N, Bindzi B and Matty Demont. 2016. Consumer valuation of an improved rice parboiling technology: Experimental evidence from Cameroon. <i>African Journal of Agricultural and Resource Economics</i> . 11(1): 8-21.
2016	Journal article	Demont M and Rodenburg J. 2016. On the interaction between weed and bird damage in rice. <i>Weed Research</i> . 56(3): 193-197.
2016	Journal article	Gayin J, Abdel-Aal SM, Marccone M, Manful JT and Bertoft E. 2016. Structure of clusters and building blocks in amylopectin from African rice accessions. <i>Carbohydrate Polymers</i> . 5(148): 125-133.

2016	Journal article	Gayin J, Bertoft E, Manful JT, Yada RY and El-Sayed M. 2016. Molecular and thermal characterization of starches isolated from African rice (<i>Oryza glaberrima</i>). <i>Starch - Stärke</i> . 68(2): 9-19
2016	Journal article	Djedatin G, Ndjiondjop NM, Sanni A, Lorieux M, Verdier V and Ghesquiere A. 2016. Identification of novel major and minor QTLs associated with <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> (African strains) resistance in rice (<i>Oryza sativa</i> L.). <i>Rice</i> 9:18 DOI 10.1186/s12284-016-0090-9
2016	Journal article	Marengo M, Akoto HF, Zanoletti M, Carpen A, Buratti S, Benedetti S, Barbiroli A, Johnson PT, Sakyi-Dawson EO, Saalia FK, Bonomi F, Pagani MA, Manful J and Iametti S. 2016. Soybean-enriched snacks based on African rice. <i>Foods</i> . 5(2):38: doi: 10.3390/foods5020038
2016	Journal article	Onaga G, Dramé KN and Ismail AM. 2016. Understanding the regulation of iron nutrition: Can it contribute to improving iron toxicity tolerance in rice? <i>Functional Plant Biology</i> . 43(8): 709-726
2016	Journal article	Palanga KK, Traore K, Bimpong K, Jamshed M and Mkulama MAP. 2016. Genetic diversity studies on selected rice varieties grown in Africa based on aroma, cooking and eating quality. <i>African Journal of Biotechnology</i> . 15(23): 1136-1146
2016	Journal article	Rodenburg J, Cissoko M, Dieng I, Kayeke J and Bastiaans L. 2016. Rice yields under <i>Rhynchophorus</i> infested field conditions and variety selection criteria for resistance and tolerance. <i>Field Crops Research</i> . 194: 21-30

2016	Journal article	Bleoussi RTM, Yaou IB, Fofana M, Bassole NHI, Mensah GA , Kabore N and Tchekessi CKC. 2016. Effect of different soil moisture levels at reproductive stage on rice grain quality.Journal of Agricultural Science and Food Technology. 2(4): 55-63.
2016	Journal article	Duku C, Zwart SL and Hein L. 2016. Modelling the forest and woodland-irrigation nexus in tropical Africa: A case study in Benin.Agriculture, Ecosystems and Environment 230: 105-115
2016	Journal article	Djaman K, Irmak S, Kabenge I and Futakuchi K. 2016. Evaluation of FAO-56 Penman-Monteith model with limited data and the valiantzas models for estimating grass-reference evapotranspiration in Sahelian conditions.J. Irrig. Drain Eng. 142(11): 10.1061/(ASCE)IR.1943-4774.0001070 , 04016044.
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2016	Journal article	Sikirou M, Saito K, Dramé KN, Saidou A, Dieng I, Ahanchédé A and Venuprasad R. 2016.Soil-based screening for iron toxicity tolerance in rice using pots.Plant Production Science. 19(4): 489-496.

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2016	Journal article	Dembélé M and Zwart SJ. 2016. Evaluation and comparison of satellite-based rainfall products in Burkina Faso, West Africa. <i>International Journal of Remote Sensing</i> . 37(17): 3995-4014.
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2016	Journal article	Yao N, Lee C-R, Semagn K, Sow M, Nwilene FE, Kolade O, Bocco R, Oyetunji O, Mitchell-Olds T and Ndjioudjop MN. 2016. QTL mapping in three rice populations uncovers major genomic regions associated with African rice gall midge resistance. <i>PLoS ONE</i> 11(8): e0160749. doi:10.1371/journal.pone.0160749

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2016	Journal article	Hori T, Montcho D, Agbangla C, Ebana K, Futakuchi K and Iwata H. 2016. Multi-task Gaussian process for imputing missing data in multi-trait and multi-environment trials. <i>Theor Appl Genet</i> . 129(11): 2101-2115.
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2016	Journal article	Vandamme E, Wissuwa M, Rose T, Dieng I, Drame KN, Fofana M, Senthilkumar K, Venuprasad R, Jallow D, Segda Z, Suriyagoda L, Sirisena D, Kato Y and Saito K. 2016. Genotypic variation in grain P loading across diverse rice growing environments and implications for field P balances. <i>Frontiers in Plant Science</i> . doi: 10.3389/fpls.2016.01435.7: 1435
2016	Journal article	Djaman K, Tabari H, Balde AB, Diop L, Futakuchi K and Irmak S. 2016. Analyses, calibration and validation of evapotranspiration models to predict grass reference evapotranspiration in the Senegal River Delta. <i>Journal of Hydrology: Regional Studies</i> . 8: 82–94
2016	Journal article	Oludare A, Tossou HT, Kini K and Silue D. 2016. Diversity of rice yellow mottle virus in Benin and Togo and screening for resistant accessions. <i>Journal of Phytopathology</i> . 164(11-12): 924-935.

2016	Journal article	Unigwe AE, Gerrano AS, Adebola P and Pillay M. 2006. Morphological variation in selected accessions of bambara groundnut (<i>Vigna subterranea</i> L. Verdc) in South Africa. <i>Journal of Agricultural Science</i> . 8(11): 69-80.
2016	Journal article	Rodenburg J, Demont M, Zwart SJ and Bastiaans L. 2016. Parasitic weed incidence and related economic losses in rice in Africa. <i>Agriculture Ecosystems and Environment</i> . 235: 306-317.
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2016	Journal article	van Oort PAJ, Balde A, Diagne M, Dingkuhn M, Manneh B, Muller B, Sow A and Stuerz S. 2016. Intensification of an irrigated rice system in Senegal: Crop rotations, climate risks, sowing dates and varietal adaptation options. <i>European Journal of Agronomy</i> . 80: 168-181.
2016	Journal article	Adenuga AH, Omotesho OA, Ojehomon VET, Diagne A, Ayinde OE and Arouna A. 2016. Adoption of improved rice varieties and its impact on multi-dimensional poverty of rice farming households in Nigeria. <i>Applied Tropical Agriculture</i> . 21(1): 24-32.
2016	Journal article	Irmak S and Djaman K. 2016. Effects of planting date and density on plant growth, yield, evapotranspiration and water productivity of subsurface drip irrigated and rainfed maize. <i>Transactions of the ASABE</i> . 59(5): 1235-1256.
2016	Journal article	Achandi EL and Mujawamariya G. 2016. Market participation by smallholder rice farmers in Tanzania: A double hurdle analysis. <i>Studies in Agricultural Economics</i> . 118: 112-115

2016	Journal article	Adetumbi JA, Akintayo I, Ogunbayo SA and Baysah NS. 2016. Restoration of rice (<i>Oryza Sativa</i>) production through participatory varietal selection (PVS) and community based seed system (CBSS) in Liberia. <i>Seed Technology</i> . 37(1): 73-80.
2016	Journal article	Diedhiou AG, Mbaye FK, Mbodj D, Faye MN, Pignoly S, Ndoye I, Djaman K, Gaye S, Kane A, Laplaze L, Manneh B and Champion A. 2016. Field trials reveal ecotype-specific responses to mycorrhizal inoculation in rice. <i>PLoS ONE</i> 11(12): e0167014.
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2016	Journal article	He X, Singh PK, Dreisigacker S, Singh S, Lillemo M and Duveiller E. 2016. Dwarfing genes Rht-B1b and Rht-D1b are associated with both type I FHB susceptibility and low anther extrusion in two bread wheat populations. <i>PLoS ONE</i> 11(9): e0162499. doi:10.1371/journal.pone.0162499
2016	Journal article	Sharma-Poudyal D, Sharma RC and Duveiller E. 2016. Control of <i>Helminthosporium</i> leaf blight of spring wheat using seed treatments and single foliar spray in Indo-Gangetic Plains of Nepal. <i>Crop Protection</i> 88: 161-166
2016	Journal article	Reynolds MP, Quilligan E, Aggarwal PK, Bansal KC, Cavalieri AJ, Chapman SC, Chapotin SM, Datta SK, Duveiller E, Gill KS, Jagadish KSV, Joshi AK, Koehler AK, Kosina P, Krishnan S, Lafitte R, Mahala RS, Muthurajan R, Paterson AH, Prasanna BM, Rakshit S, Rosegrant MW, Sharma I, Singh RP, Sivasankar S, Vadez V, Valluru R, Prasad PVV and Yadav OP. 2016. An integrated approach to maintaining cereal productivity under climate change. <i>Global Food Security</i> . 8: 9-18

2016	Journal article	Irakiza R, Vedaste M, Elias B, Nyirambangutse B, Serge NJ and Ndimukaga M. 2016. Assessment of traditional ecological knowledge and beliefs in the utilisation of important plant species: The case of Buhanga sacred forest, Rwanda. <i>Koedoe</i> 58(1): a1348. http://dx.doi.org/10.4102/koedoe.v58i1.1348
2016	Journal article	Johnson JM, Houngnandan P, Kane A, Chatagnier O, Sanon KB, Neyra M and van Tuinen D. 2016. Colonization and molecular diversity of arbuscular mycorrhizal fungi associated with the rhizosphere of cowpea (<i>Vigna unguiculata</i> (L.) Walp.) in Benin (West Africa): An exploratory study. <i>Annals of Microbiology</i> . 66(1): 207-221.
2016	Journal article	Abe SS, Yamasaki Y and Wakatsuki T. 2016. Assessing silicon availability in soils of rice-growing lowlands and neighboring uplands in Benin and Nigeria. <i>Rice Science</i> . 23(4): 196-202.
2016	Journal article	Samejima H and Tsunematsu H. 2016. Genotypic variation in rice varieties screened for deep rooting under field conditions in West Africa. <i>Plant Production Science</i> . 19(1): 181-192
2016	Journal article	Carvalho MTM, Madari BE, Bastiaans L, van Oort PN, Leal WGO, Heinemann AB, da Silva MAS, Maia AHN, Parsons D and Meinke H. 2016. Properties of a clay soil from 1.5 to 3.5 years after biochar application and the impact on rice yield. <i>Geoderma</i> . 276: 7-18.
2016	Journal article	Irmak S, Djaman K and Rudnick D. 2016. Effect of full and limited irrigation amount and frequency on subsurface drip-irrigated maize evapotranspiration, yield, water use efficiency and yield response factors. <i>Irrigation Science</i> . 34(4): 271-286.

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2016	Proceeding and Conference papers	Bindraban PS, Ferroni M, Klauser D, Dimkpa C, Wendt J, Sentikuhma K, Bossio D, Zhang W, Kempen B, Chander S, Hoffland E, Hicintuka C, McClafferty B and Angle S. 2016. A global vision for micronutrients - for improving harvests, human health and the environment. 2016 IFA Global Technical Symposium, 15-17 March, 2016, New Delhi, India.
2016	Proceeding and Conference papers	Ndindeng SA, Manful J, Futakuchi K, Moreira J, Graham-Acquaah S, Houssou P, Mapiemfu LD, Paa-Nii TJ, Jarju OM, Coulibaly SS, Danbaba N, Sarr F, Nemlin JG and Candia A (2015) Rice post-harvest losses in sub-Saharan Africa: Advances by the Africa-wide Processing and Value-Addition Task Force. First International Congress on Postharvest Loss, October 4-7, 2015, Rome, Italy
2016	Proceeding and Conference papers	Ndindeng SA, Carr M, Manful JT, Toni M, Graham-Acquaah S, Wopereis MCS, Dieng I and Futakuchi K (2016). Out-scaling rice husk gasifiers coupled with solar-powered battery for thermal and electrical energy delivery to rural households in sub-Saharan Africa, <i>Energy Systems</i> . 2016 Conference, 14-15 June 2016, QEII Center, Westminster, London, UK.
2016	Proceeding and Conference papers	Diagne M, Demont M and Ndour M. 2016. Consumer willingness to pay for rice fragrance: Evidence from Senegal. Invited paper presented at the 5th International Conference of the African Association of Agricultural Economists, September 23 - 26, 2016, Addis Ababa, Ethiopia.

2016	Proceeding and Conference papers	Kinkpé T, Adégbola P, Fiamohe R, Aza F, Agossadou A and Codjo SO. 2016. Is Benin local rice competitive vis-à-vis imported rice? Invited paper presented at the 5th International Conference of the African Association of Agricultural Economists, September 23 - 26, 2016, Addis Ababa, Ethiopia.
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2016	Proceeding and Conference papers	Kinkpé T, Adegbola P, Yabi J, Adekambi S and Biaou G. 2016. Déterminants de la consommation du riz local en Afrique de l'Ouest : cas du Bénin. Invited paper presented at the 5th International Conference of the African Association of Agricultural Economists, September 23 - 26, 2016, Addis Ababa, Ethiopia.
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2016	Proceeding and Conference papers	Rajaona A, Vandamme E, Senthilkumar K, Van Oort P and Saito K. 2016. Phenological response of lowland rice genotypes to environmental conditions - case of Ambohibary, Madagascar. Tropentag, October 19-21, 2016. Vienna, Austria. (oral presentation). In: Tropentag 2016: Solidarity in a competing world – fair use of resources. Freyer B., Thielkes E. (Eds.) Göttingen, Cuvillier Verlag, 326. http://www.tropentag.de/abstract.php?code=jQ448VLI

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2016	Conference paper abstract	Bastiaans L, van Ast A, Kabiri S, Tippe D and Rodenburg J. 2016. Rhamphicarpa fistulosa, an emerging parasitic weed problem in rain-fed lowland rice production systems in sub-Saharan Africa. International Weed Science Symposium, June 20-24, 2016, Prague.
2016	Books and book chapter	Mujawamariya G and Burger K. 2016. Private versus communal tenure systems in gum arabic collection. Dryland Forests. pp 53-69
2016	Books and book chapter	Mujawamariya G, Burger K and D'Haese M. 2016. Quality management in supply chains of non-timber forest products: the case of gum arabic in Senegal. linking the laboratory research to the field assessment. Quarterly Journal of International Agriculture 51: 357-383.

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2016	Books and book chapter	Roy-Macauley H, Izac AM and Rijsberman F. 2016. The role of CGIAR in agricultural research for development in Africa South of the Sahara. In Agricultural research in Africa: Investing in future harvests.Lynam, John; Beintema, Nienke M.; Roseboom, Johannes; and Badiane, Ousmane (Eds.). Chapter 15. Pp. 401-422. Washington, D.C.: International Food Policy Research Institute (IFPRI). http://dx.doi.org/10.2499/9780896292123_15
2016	Books and book chapter	Sanyang S, Taonda SJB, Kuseu J, and Kafando A. 2016.Innovation platforms for smallholders in maize and cassava value chains: DONATA's Experiences in West and Central Africa.p.156-169. In: J. Francis L. Mytelka A. van Huis and N. Röling (eds.), Innovation Systems: Towards effective strategies in support of smallholder farmers. Technical Centre for Agricultural and Rural Cooperation (CTA) and Wageningen University and Research (WUR) Convergence of Sciences-Strengthening Innovation Systems (CoS-SIS) programme.
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2016	Monograph series	Ali Toure, Kattingu CJ, Mahmood N, Taylor DR, Kamara CS, Gborie M, and Ajayi O. 2016. Policy recommendations emanating from the rice value chain study. SLARI Monograph Series no. 2.
2016	Extension article	Irmak S, Sharma V and Djaman K. 2016. Winter Wheat (<i>Triticum aestivum</i> L.) Evapotranspiration and Crop Coefficients. University of Nebraska-Lincoln Extension Circular EC3005.
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2015	Journal article	Schut M, Rodenburg J, Klerkx L, Kayeke J, Bastiaans L and van Ast A. 2015. RAAIS: Rapid appraisal of agricultural innovation systems (part II). Integrated analysis of parasitic weed problems in rice in Tanzania. <i>Agricultural Systems</i> . 132: 12-24.
2015	Journal article	Pinel-Galzi A, Traoré O, Séré Y, Hébrard E and Fargette D. 2015. The biogeography of viral emergence: Rice yellow mottle virus as a case study. <i>Current Opinion in Virology</i> . 10: 7-13
2015	Journal article	Rodenburg J, Cissoko M, Kayeke J, Dieng I, Khan ZR, Midega CAO, Onyuka EA and Scholes JD. 2015. Do NERICA rice cultivars express resistance to <i>Striga hermonthica</i> (Del.) Benth and <i>Striga asiatica</i> (L.) Kuntze under field conditions? <i>Field Crops Research</i> . 170: 83-94
2015	Journal article	Kabiri S, Rodenburg J, Kayeke J, van Ast A, Makokha DW, Msangi SH, Irakiza R and Bastiaans L. 2015. Can the parasitic weeds <i>Striga asiatica</i> and <i>Rhamphicarpa fistulosa</i> co-occur in rain-fed rice? <i>Weed Research</i> . 55(2): 145-154.

2015	Journal article	Rodenburg J, Morawetz JJ and Bastiaans L. 2015. <i>Rhamphicarpa fistulosa</i> (Hochst.) Benth. – A widespread facultative hemi-parasitic weed, threatening rice production in Africa. <i>Weed Research</i> . 55(2): 118-131.
2015	Journal article	Saito K, Dieng I, Vandamme E, Johnson JM and Futakuchi K. 2015. Does use of unbordered plots affect estimation of upland rice yield? <i>Crop Science</i> . 55: 255-261
2015	Journal article	Ochola D, Issaka S, Rakotomalala M, Pinel-Galzi A, Ndikumana I, Hubert J, Hébrard E, Séré Y, Tusiime G and Fargette D. 2015. Emergence of rice yellow mottle virus in eastern Uganda: Recent and singular interplay between strains in East Africa and in Madagascar. <i>Virus Research</i> 195: 64-72
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2014	Journal article	Demont M and Ndour M. 2014. Upgrading rice value chains: Experimental evidence from 11 African markets. <i>Global Food security</i> . 5: 70-76.
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2014	Journal article	Mujawamariy G and Karimov AA. 2014. Importance of socio-economic factors in the collection of NTFPs: The case of gum arabic in Kenya. <i>Forest Policy and Economics</i> , 42: 24-29.
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2014	Reports and publications	Africa Rice Center. 2014. Report of the 8th Biennial meeting of the AfricaRice's National Expert Committee (5NECVIII) Grand Bassam and Abidjan, Cote d'Ivoire, 30-31 July 2012. Africa Rice Center Cotonou, Benin.

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2014	Reports and publications	Mohapatra S. 2014. Unleashing the force. Rice Today (Special supplement, February): 18-19.
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2014	Poster	Vandamme E, Renkens M, Smolders E and Merckx R. 2015. A simple technique for studying root hair development under varying levels of buffered P supply. Poster presented at the Phosphorus in Soil and Plants 5th International Symposium, Montpellier, France, 1–3 September 2014.
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2014	Video, DVD and CD	Africa Rice Center. 2014. From harvest to plate : Adding value to Africa's rice.10 min 58s http://africarice.blogspot.com/2014/12/new-video-by-africarice-on-adding-value . Html. AfricaRice Cotonou, Benin.
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2013	Journal article	Dramé KN, Passaquet C, Repellin A and Zuily-Fodil Y. 2013. Cloning, characterization and differential expression of a Bowman-Birk inhibitor during progressive water deficit and subsequent recovery in peanut (<i>Arachis hypogaea</i>) leaves. <i>Journal of Plant Physiology</i> . 170: 225-229.

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2013	Journal article	Demont M, Rutsaert P, Ndour M and Verbeke W. 2013. Reversing urban bias in African rice markets: Evidence from Senegal. <i>World Development</i> . 45:63–74.
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2013	Journal article	Okry F, van Mele P and Houinsou F. 2013. Forging New Partnerships: Lessons from the Dissemination of Agricultural Training Videos in Benin. <i>Journal of Agricultural Education and Extension</i> . 9(4): 1-21.

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2010	Journal article	Saito K, Azoma K and Sokei Y. 2010. Genotypic adaptation of rice to lowland hydrology in West Africa. <i>Field Crops Research</i> 119: 290-298.
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2010	Journal article	Sié M, Ogunbayo SA, Dakouo D, Sanou I, Dembélé Y, N'dri B, Dramé KN, Sanni KA, Toulou B and Glele RK. 2010. Evaluation of intra and interspecific rice varieties adapted to valley bottom conditions in Burkina Faso. <i>African Journal of Plant Science</i> . 4(8): 308–318.

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2010	Journal article	Soko DF, Sere Y and Ake S. 2010. Effect of plant age on expression of genetic resistance to rice yellow mottle virus (RYMV). <i>Journal of Applied Bioscience</i> . 25: 1585–1593.
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2010	Journal article	Togola A, Nwilene FE, Agbaka A, Anato F, Agunbiade TA and Chougourou DC. 2010. Connaissance paysanne des insectes foreurs de tiges du riz et leurs dégâts dans différentes zones écologiques du Bénin (Afrique de l'Ouest). <i>Cahiers Agricultures</i> . 19: 1–5.
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2010	Journal article	Traoré O, Pinel-Galzi A, Issaka S, Poulicard N, Aribi J, Aké S, Ghesquière A, Séré Y, Konaté G, Hébrard E and Fargette D. 2010. The adaptation of rice yellow mottle virus to the eIF(iso) 4G-mediated rice resistance. <i>Virology</i> . 408: 103–108.
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2010	Journal article	van Mele P. 2010. Zooming-in, zooming-out: Farmer education videos, are we getting it right? <i>Rural Development News</i> . 1: 23–26.
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2010	Journal article	van Mele P, Wanvoeke J and Zossou E. 2010. Enhancing rural learning, linkages and institutions: The rice videos in Africa. <i>Development in Practice</i> . 20(3): 414–421.
2010	Journal article	Wheeler J, Spielman DJ, and Demont M. 2010. The future of governance in the global bioeconomy: Policy, regulation, and investment challenges for the biotechnology and bioenergy sectors. <i>AgBioForum</i> . 13(4): 288–290.
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2010	Books and book chapter	Bentley JW and van Mele P. 2010. Sharing ideas between cultures. In Pretty J (ed.) <i>Africa Foresight Study</i> .
2010	Books and book chapter	Dillen K, Demont M and Tollens E. 2010. European sugar policy reform and agricultural innovation. In: de Frahan BH, Lauwers L, Mathijs E and Verbeke W (eds), <i>Agricultural economics in Belgium: Diversity and dynamics</i> , pp. 51–72. Brussels: Brussels, Belgium: Lannoo Campus.
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2010	Books and book chapter	Misiko M. 2010. Community-based interactive learning: Science and smallholder convenience. Edited volume, International Development Research Centre, Canada.
2010	Books and book chapter	Van Mele P, Bentley JW and Guéi RG. 2010. <i>African seed enterprises: Sowing the seeds of food security</i> . CABI Publishing.

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2010	Conference papers and proceedings	Chabi A, Dramé KN, Niang A and Kiepe P. 2010. Detecting iron toxicity hotspots using remote sensing data. Second Africa Rice Congress, 22–26 March, Bamako, Mali.
2010	Conference papers and proceedings	Colen L, Demont M and Swinnen J. 2010. Analysis of smallholder participation in the value chain of rice in Senegal. Food and Agriculture Organization of the United Nations (FAO) Trade and Markets Division Workshop, 2–3 June.
2010	Conference papers and proceedings	de Mey Y, Demont M and Diagne M. 2010. Estimated versus perceived damage control productivity: Impact of birds on irrigated rice in the Senegal River Valley. Twelfth PhD symposium, Agricultural and Natural Resource Economics, Brussels, Belgium, 28 April.
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2010	Conference papers and proceedings	Dramé KN, Saito K, Kone B, Abo E, Annan-Aful E., Monemou S, Dakouo D, Sie M. 2010. Coping with iron toxicity in the lowlands of SSA: Experience from the AfricaRice Center. Second Africa Rice Congress, 22–26 March, Bamako, Mali.
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2010	Conference papers and proceedings	Krupnik TJ, Rodenburg J, Shennan C, Mbaye D and Haden VR. 2010. Trade-offs between rice yield, weed competition and water productivity in the Senegal River Valley. Second Africa Rice Congress, Bamako, 22-26 March.
2010	Conference papers and proceedings	Krupnik TJ, Shennan C, Settle WH, Ndiaye AB, Sarr M, Demont M and Rodenburg J. 2010. Adaptive on-farm evaluation of resource-conserving rice cultivation practices in the middle Senegal River Valley. Tropentag 2010: International Research on Food Security, Natural Resource Management and Rural Development, Zurich, 14–16 September.
2010	Conference papers and proceedings	Krupnik TJ, Shennan C, Mbaye D and Rodenburg J. 2010. Nutrient and water resource use efficiency under recommended and a water saving practice in the Sahel: Multi-season effects of mixed fertilizer and straw applications. ASA, CSA and SSSA 2010 International Annual Meetings, Long Beach California, 31 October – 4 November 2010. http://a.confex.com/crops/2010am/webprogram/Paper60597.html
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2010	Conference papers and proceedings	Le Bourgeois T, Grard P, Marnotte P and Rodenburg J. 2010. La plateforme Afroweeds – le partage d’information et l’aide à l’identification des adventices des rizières en Afrique dans une démarche collaborative régionale. AFPP – 21ème Conférence du COLUMA Journées Internationales sur la lutte contre les mauvaises herbes Dijon, 8 and 9 December.
2010	Conference papers and proceedings	Manful JT and Fofana M. 2010. Post-harvest practices and the quality of rice in West Africa. CORAF/WECARD Second Science week in Cotonou, Benin, 24–29 May.

2010	Conference papers and proceedings	Manful JT. 2010. Developing rice varieties with high grain quality in Africa: Challenges and prospects. Second Africa Rice Congress, Bamako, Mali, 22–26 March.
2010	Conference papers and proceedings	Manful JT. 2010. Strategies to add value to rice and rice-based products in Africa. International Rice Research Congress, Hanoi, 8–11 November.
2010	Conference papers and proceedings	Misiko M. 2010. Indigenous seed institutions in fragile communities. Second Africa Rice Congress, Bamako, Mali, 22–26 March.
2010	Conference papers and proceedings	Neven D and Demont M. 2010. The impact of the financial and food crisis on West African rice markets: Value chain and consumer perspectives on response strategies. International Food and Agribusiness Management Association (IAMA), 20th Annual World Forum and Symposium, Boston, USA, 19–22 June.
2010	Conference papers and proceedings	Neven D and Demont M. 2010. The impact of the financial and food crisis on West African rice markets: Value chain and consumer perspectives on response strategies. Mini-symposium, Tuning in to consumers: Tailoring African rice value chains to urban markets, Third African Association of Agricultural Economists (AAAE) Conference, Cape Town, South Africa, 19–23 September.
2010	Conference papers and proceedings	Rizzotto AC and Demont M. 2010. Extending reach to strengthen value chains: Increasing consumer awareness of quality Senegal River Valley rice. Second Africa Rice Congress, Bamako, Mali, 22–26 March.

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2010	Conference papers and proceedings	Semon M. 2010. Genetic improvement of rice – a new perspective with African rice species. Second Africa Rice Congress, Bamako, 22–26 March.
2010	Conference papers and proceedings	Van Mele P and Wanvoeke J. 2010. Using videos to improve cross-cultural learning between Asian and African farmers. Third International Rice Congress, Hanoi, Vietnam, 8 –11 November.
2010	Conference papers and proceedings	Wanvoeke J, Zossou E and Van Mele P. 2010. Video and radio improve rice quality in Africa. Second International CORAF/WECARD Science week, Cotonou, Benin.
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2009	Journal article	Asai H, Saito K, Kiyono Y, Benjamin S, Inoue Y, Songyikhangsuthor K, Homma K, Horie T and Shiraiwa T. 2009. Yield response of indica and tropical japonica genotypes to soil fertility conditions under rainfed uplands in northern Laos. Field Crops Research. 112: 141-148

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2009	Journal article	Demont M and Stessens J. 2009. Food versus cash: Development theory and reality in northern Côte d'Ivoire. <i>Review of Business and Economics</i> . 54(3): 258–272.

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2009	Journal article	Gayin J, Manful JT and Johnson PNT. 2009. Rheological and sensory properties of rice varieties from improvement programs in Ghana. <i>International Food Research Journal</i> . 16: 167-174.

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