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ΛΕΙΤΟΥΡΓΟΣ ΓΕΩΡΓΙΚΩΝ ΕΡΕΥΝΩΝ Α'

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ΕΡΕΥΝΗΤΙΚΑ ΕΝΔΙΑΦΕΡΟΝΤΑ

- Γενετική Βελτίωση Φυτών-Μοριακή Γενετική
- Προγνωστική/Κυψελωτή Βελτίωση– Καινοτόμος μεθοδολογία βελτίωσης φυτών, δημιουργίας νέων ποικιλιών, μελέτης ανταγωνισμού, αξιοποίησης επιγενετικών φαινομένων, ανθεκτικότητας στην Κλιματική Αλλαγή
- Φαινοτύπιση Ακριβείας
- Βελτίωση για Συστήματα Βιολογικής γεωργίας- Συμμετοχική βελτίωση - Παραδοσιακές ποικιλίες
- Επιγενετικά φαινόμενα στην Βελτίωση Φυτών – Επιγονιδιωματική
- Βιολογία Συστημάτων
- Γεωργία Ακριβείας

ΠΡΟΣΘΕΤΕΣ ΠΛΗΡΟΦΟΡΙΕΣ

Επιλεγμένες Δημοσιεύσεις

- Fasoula, D.A. (2012). Nonstop selection for high and stable crop yield by two prognostic equations to reduce yield losses. Agriculture 2, 211-227. DOI:10.3390/ agriculture2030211
- Fasoula, D.A. (2011). An overlooked cause of seed degradation and its implications in the efficient exploitation of plant genetic resources. Plant Genetic Resources: Characterization and Utilization, 9(2):321-323.DOI:10.1017/S1479262111000219
- Newton AC, Aker T, Baresel JP, Bebeli P, Bettencourt E, Czembor JH, Fasoula DA, *et al*. (2010). Cereal landraces for sustainable agriculture. Agronomy for Sustainable Development 30:237-269
- Tsaballa, A., A. Siomos, D. Gerasopoulos, and D.A. Fasoula (2007). Evaluation of 6 tomato hybrids as starting material for selection.

Proceedings of the 11th Panhellenic Congress of Genetics and Plant Breeding.pp. 87-95

- Fasoula, V.A. and D.A. Fasoula, (2005). Bridging the productivity gap between maize inbreds and hybrids by replacing gene and genome dichotomization with gene and genome integration. Maydica 50 (1): 49-61
- Fasoula, D. A. (2004). Accurate whole-plant phenotyping: An important component for successful marker assisted selection (MAS). *In:* Genetic variation for Plant Breeding (17th EUCARPIA general congress - eds. J. Vollmann, H. Grausgruber, and P. Ruckenbauer), pp. 203-206
- Fasoula, V.A. and D. A. Fasoula (2004). The impact of the honeycomb field designs on the IAMFE's aims. Proc. 12th International Conference and Exhibition on Mechanization of Field Experiments, St. Petersburg, Russia, pp. 57-64
- Fasoula, D. A., A. Ilieva, I.M. Ioannides (2003). Cultivar identification and purity testing using acidic PAGE of barley storage proteins. Technical bulletin 217, Agricultural Research Institute, Ministry of Agriculture, Natural Resources and the Environment, Nicosia
- Fasoula, V. A. and D. A. Fasoula (2003). Partitioning Crop Yield into Genetic Components. *In* M.S. Kang (ed.), Handbook of Formulas and Software for Plant Geneticists and Breeders, Food Products Press, pp.321-327
- Fasoula, V. A. and D. A. Fasoula (2002). Principles underlying genetic improvement for high and stable crop yield potential, Field Crops Research 75:191-209
- Fasoula, V. A. and D. A. Fasoula (2000). Honeycomb Breeding: Principles and Applications. Plant Breeding Rev., vol. 18:177-250
- Stevens, P.A., D. A. Fasoula, C. D. Nickel, and L.O. Vodkin (1998). Instability of a novel multicolored flower trait in inbred and outcrossed soybean lines. The Journal of Heredity 89:508-515
- Fasoula, D. A (1998). Constant improvement of wheat cultivars through nonstop selection. Proc. 9th International Wheat Genetics Symposium, University Extension Press, University of Saskatchewan, 2:207-209
- Fasoula, D. A. and V. A. Fasoula (1997b). Gene action and plant breeding. Plant Breeding Rev., vol. 15:315-373
- Fasoula, D. A. and V. A. Fasoula (1997a). Competitive ability and plant breeding. Plant Breeding Rev., vol. 14:89-138
- Fasoula, D. A., C. Smyth, and C. A. Rebeiz (1996). Relationship of the monovinyl protochlorophyllide *a* content to plant yield. Handbook of Photosynthesis, Marcel Dekker Inc. pp.671-679
- Fasoula, D. A., P. A. Stephens, C. D. Nickell and L. O. Vodkin (1995). Cosegregation of purple-throat flower color with a dihydroflavonol reductase (DFR) polymorphism in soybean. Crop Science 35:1028-1031
- Ioannides, I. M., D. A. Fasoula, K. R. Robertson, and C. A. Rebeiz (1994). An evolutionary study of chlorophyll biosynthetic heterogeneity of green plants. Biochemical Systematics and Ecology. 22:211-220
- Fasoula, D. A. (1990). Correlations between auto-, allo-, and nil-competition and their implications in plant breeding. Euphytica 50:57-62