

Alma Balestrazzi - Elenco pubblicazioni

Pubblicazioni su riviste internazionali "peer-review"

1. Forti C, Ottobriano V, Doria E, Bassolino L, Toppino L, Rotino GL, Pagano A, Macovei A, **Balestrazzi A**. Hydropriming applied on fast germinating *Solanum villosum* Miller seeds: impact on pre-germinative metabolism. *Frontiers in Plant Sciences* **2021**. doi: 10.3389/fpls.2021.639336.
2. Gualtieri C, Gianella M, Pagano A, Cadeddu T, Araujo S, **Balestrazzi A**, Macovei A. Exploring microRNA signatures of DNA damage response using an innovative system of genotoxic stress in *Medicago truncatula* seedlings. *Frontiers in Plant Sciences* **2021**,12: 645323. doi: 10.3389/fpls.2021.645323.
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4. Mutti G, Raveane A, Pagano a, Bertolini F, Semino O, **Balestrazzi A**, Macovei A. Plant TDP1 (tyrosyl-DNA phosphodiesterase 1): a phylogenetic perspective and gene expression data mining. *Genes* **2020**, 11: 1465. doi: 10.3390/genes11121465.
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8. Pagano A, L'Andolina C, Sabatini ME, de Sousa Araújo S, **Balestrazzi A**, Macovei A. Sodium butyrate induces genotoxic stress in function of photoperiod variations and differentially modulates the expression of genes involved in chromatin modification and DNA repair in *Petunia hybrida* seedlings. *Planta* **2020**, 251:102. doi: 0.1007/s00425-020-03392-4.
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10. Macovei A, Pagano A, Cappuccio M, Gallotti L, Dondi D, Araújo S, Feveteiro P, **Balestrazzi A**. A snapshot of the trehalose pathway during seed imbibition in *Medicago truncatula* reveals temporal-and stress-dependent shifts in gene expression patterns associated with metabolite changes. *Frontiers in Plant Sciences* **2019**, 10:1590. doi: 10.3389/fpls.2019.01590.
11. Doria E, Pagano A, Ferreri C, Larocca AV, Macovei A, Araújo S, **Balestrazzi A**. How does the seed pre-germinative metabolism fight against imbibition damage? Emerging roles of fatty acid cohort and antioxidant defence. *Frontiers in Plant Sciences* **2019**, 10:1-13. doi: 10.3389/fpls.2019.00989.
12. Maraeva G, **Balestrazzi A**, Pagano A, Müller J, Kyratzis A, Kikodze D, Canella M, Mondoni A, Rossi G, Guzzon F. Germination niche differentiation in heteromorphic seeds of wheat wild relatives. *Plant Biology* **2019**, 22:191-202. doi: 10.1111/plb.13060.
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