

Premio Primo Levi 2015 - Elenco finalisti

Ecco i **10 finalisti** del Premio Primo Levi 2015!



Luca CATALANO (PoliMI)

Dynamic characterization of crystalline supramolecular rotors assembled through halogen bonding

J. Am. Chem. Soc. 137 (2015) 15386-15389

[Video](#) [1] | [Articolo](#) [2]



Valentina CAUDA (PoliTO)

Nanobranched ZnO Structure: p-type doping induces piezoelectric voltage generation and ferroelectric-photovoltaic effect

Adv. Mater. 27 (2015) 4218-4223

[Video](#) [3] | [Articolo](#) [4]



Erica DEL GROSSO (UniROMA2)

Enzyme-operated DNA-based nanodevices

Nano Lett. 15 (2015) 8407-8411

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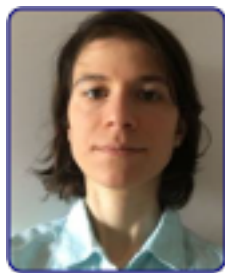


Andrea LAMBERTI (PoliTO)

Ultrafast room-temperature crystallization of TiO₂ nanotubes exploiting water-vapor treatment

Sci. Rep. 5 (2015) art. no 7808

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Letizia MONICO (CNR)

Evidence for degradation of the Chrome Yellows in van Gogh's Sunflowers: A study using noninvasive in situ methods and synchrotron-radiation-based X-ray techniques

Angew. Chem. Int. Ed. 54 (2015) 13923-13927

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Gioele PAGOT (UniPD)

High-performance olivine for lithium batteries: Effects of Ni/Co doping on the properties of $\text{LiFe}_\alpha\text{Ni}_\beta\text{Co}_\gamma\text{PO}_4$ cathodes

Adv. Funct. Mater. 25 (2015) 4032-4037

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Cristian PEZZATO (UniPD)

Transient signal generation in a self-assembled nanosystem fueled by ATP

Nat. Commun. 6 (2015) art. no 7790

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Paolo PIAZZETTA (UniCAL)

Direct hydrogenation of carbon dioxide by an artificial reductase obtained by substituting rhodium for zinc in the carbonic anhydrase catalytic center. A mechanistic study

ACS Catal. 5 (2015) 5397-5409

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Giulio RAGAZZON (UniBO)

Light-powered autonomous and directional molecular motion of a dissipative self-assembling system

Nat. Nanotechnol. 10 (2015) 70-75

[Video](#) [17] | [Articolo](#) [18]



Chiara SAMORÌ (UniBO)

Dimethyl carbonate and switchable anionic surfactants: Two effective tools for the extraction of polyhydroxyalkanoates from microbial biomass

Green Chem. 17 (2015) 1047-1056

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Source URL: https://www.soc.chim.it/it/sci_giovani/premi/levi/finalisti2015

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- [2] <https://pubs.acs.org/doi/10.1021/jacs.5b10776>
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- [4] <https://onlinelibrary.wiley.com/doi/abs/10.1002/adma.201501594>
- [5] <https://www.facebook.com/watch/?v=1803716083174032>
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