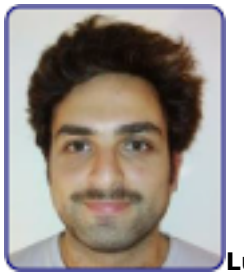
Primo Levi Award 2015 - List of finalists

Here the 10 finalists of the Primo Levi Award 2015!



Luca CATALANO (PoliMI)
Dynamic characterization of crystalline supramolecular rotors assembled through halogen bonding
J. Am. Chem. Soc. 137 (2015) 15386-15389
Video (ITA) [1] | Article [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 (ITA) [3] | Article [4]

Erica DEL GROSSO (UniROMA2)
Enzyme-operated DNA-based nanodevices
Nano Lett. 15 (2015) 8407-8411
Video (ITA) [5] | Article [6]

Andrea LAMBERTI (PoliTO)
Ultrafast room-temperature crystallization of TiO_2 nanotubes exploiting water-vapor treatment
Sci. Rep. 5 (2015) art. no 7808
Video (ITA) [7] | Article [8]

 **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
Video (ITA) [9] | Article [10]

 **Gioele PAGOT** (UniPD)
High-performance olivine for lithium batteries: Effects of Ni/Co doping on the properties of $LiFe_{\alpha}Ni_{\beta}Co_{\gamma}PO_4$ *cathodes*

Adv. Funct. Mater. 25 (2015) 4032-4037
Video (ITA) [11] | Article [12]

 **Cristian PEZZATO** (UniPD)
Transient signal generation in a self-assembled nanosystem fueled by ATP

Nat. Commun. 6 (2015) art. no 7790
Video (ITA) [13] | Article [14]

 **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
Video (ITA) [15] | Article [16]

 **Giulio RAGAZZON** (UniBO)
Light-powered autonomous and directional molecular motion of a dissipative self-assembling system

Nat. Nanotechnol. 10 (2015) 70-75

Video (ITA) [17] | Article [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
Video (ITA) [19] | Article [20]

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

Links:
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[3] https://www.facebook.com/watch/?v=1803289296550044
[4] https://onlinelibrary.wiley.com/doi/abs/10.1002/adma.201501594
[5] https://www.facebook.com/watch/?v=1803716083174032
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