

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 TiO₂ nanotubes exploiting water-vapor treatment

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

[Video \(ITA\)](#) [7] | [Article](#) [8]

Primo Levi Award 2015 - List of finalists

Published on Società Chimica Italiana (<https://www.soc.chim.it>)



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 $\text{LiFe}_\alpha\text{Ni}_\beta\text{Co}_\gamma\text{PO}_4$ 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

Primo Levi Award 2015 - List of finalists

Published on Società Chimica Italiana (<https://www.soc.chim.it>)

[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:

- [1] <https://www.facebook.com/watch/?v=1802953809916926>
- [2] <https://pubs.acs.org/doi/10.1021/jacs.5b10776>
- [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>
- [6] <https://pubs.acs.org/doi/abs/10.1021/acs.nanolett.5b04566>
- [7] <https://www.facebook.com/watch/?v=1804205009791806>
- [8] <https://www.nature.com/articles/srep07808>
- [9] <https://www.facebook.com/watch/?v=1805588369653470>
- [10] <https://onlinelibrary.wiley.com/doi/10.1002/anie.201505840>
- [11] <https://www.facebook.com/watch/?v=1806486572896983>
- [12] <https://onlinelibrary.wiley.com/doi/abs/10.1002/adfm.201501167>
- [13] <https://www.facebook.com/watch/?v=1808660352679605>
- [14] <https://www.nature.com/articles/ncomms8790>
- [15] <https://www.facebook.com/watch/?v=1807239362821704>
- [16] <https://pubs.acs.org/doi/abs/10.1021/acscatal.5b00185>
- [17] <https://www.facebook.com/watch/?v=1809204395958534>
- [18] <https://www.nature.com/articles/nnano.2014.260>
- [19] <https://www.facebook.com/watch/?v=1809538675925106>
- [20] <https://pubs.rsc.org/en/content/articlelanding/2015/gc/c4gc01821d>