

## 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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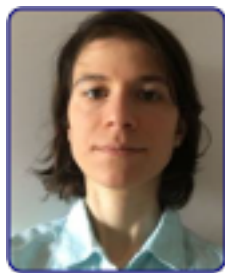
**Andrea LAMBERTI** (PoliTO)

*Ultrafast room-temperature crystallization of TiO<sub>2</sub> 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

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**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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