Premio Primo Levi

[1]

Il Consiglio Direttivo del Gruppo Giovani bandisce la nuova edizione del **Premio Primo Levi**, da assegnare ad un giovane Socio SCI autore di una ricerca originale e di ampio interesse per le Scienze Chimiche, pubblicata su una rivista scientifica internazionale in versione finale nel periodo **01 gennaio – 31 dicembre 2024.**

Bando **[2]**

Modulo da compilare e documenti da allegare:

Modulo Goodle [3]

Impatto **[4]**

I FINALISTI E VINCITORI

ALBO D'ORO

► Premio Levi 2023

Vincitori:

► Premio Levi 2022

Vincitori:

Stefano Cinti (UniNA, Chimica Analitica)
Printed Electrochemical Strip for the Detection of miRNA-29a: A Possible Biomarker Related to Alzheimer's Disease
Analytical Chemistry 94(2022) 15558-15563 [5]
Video [6] | Articolo [7]

Stefano Toso (IIT, Chimica Fisica)
Halide perovskites as disposable epitaxial templates for the phase-selective synthesis of lead sulfochloride nanocrystals
Nature Communications 13 (2022) 3976
Video | Articolo

Menzioni di merito:

Alberto Privitera (UniFI, Chimica per le Tecnlogie)
Direct detection of spin polarization in photoinduced charge transfer through a chiral bridge
Chemical Sciences 13 (2022) 12208-12218
Video | Articolo

Sara Bracaglia (UniROMA2, Chimica Analitica)
Programmable Cell-Free Transcriptional Switches for Antibody Detection
JACS 144 (2022) 5820-5826
Video | Articolo

"*The Most Popular Video*" Juliette Bucci (UniROMA2, Chimica Analitica)
Orthogonal Enzyme-Driven Timers for DNA Strand Displacement Reactions
JACS 144 (2022) 19791-19798 [8]
Video [9] | Articolo [10]

► Premio Levi 2021

Vincitori:

Mario Prosa (CNR, Chimica Fisica)
Organic Light-Emitting Transistors in a Smart-Integrated System for Plasmonic-Based Sensing
Advanced Functional Materials 31(2021) 2104927 [11]
Video [6] | Articolo [7]

Demetra Giuri (UniBo, Chimica Organica)
Exploiting and controlling gel-to-crystal transitions in multicomponent supramolecular gels
Chemical Science 12 (2021) 9720
Video | Articolo

Menzioni di merito:

Laura Fabiani (UniROMA2, Chimica Analitica)

Magnetic beads combined with carbon black-based screen-printed electrodes for COVID-19: A reliable and miniaturized electrochemical immunosensor for SARS-CoV-2 detection in saliva
Biosensors & Bioelectronics 171 (2021) 112686

Video | Articolo

Paolo Cleto Bruzzese (UniTO, Chimica Inorganica)

17O-EPR determination of the structure and dynamics of copper single-metal sites in zeolites
Nature Communications 21 (2021) 4638

Video | Articolo

"*The Most Popular Video*" Matteo Savastano (UniFI, Chimica Inorganica)
Words in supramolecular chemistry: the ineffable advances of polyiodide chemistry
Dalton Transaction 50 (2021) 1142
Video [9] | Articolo [10]

Premio Primo Levi

 **[12]Elenco finalisti | Bando | Verbale**

► Premio Levi 2020

Vincitori:

Alberto Dal Corso (UniMI, Chimica Organica)
Fast Cyclization of a Proline-Derived Self-Immolative Spacer Improves the Efficacy of Carbamate Prodrugs
Angew. Chem. Int. Ed. 59 (2020) 4176-4181 [13]
Video [6] | Articolo [7]

Jacopo Fregoni (UniMORE, Chimica Teorica e cOmputazionale)
Strong Coupling with Light Enhances the Photoisomerization Quantum Yield of Azobenzene
Chem 6 (2020) 250-265
Video | Articolo

Menzioni di merito:

Alberto Bertucci (UniROMA2, Chimica Analitica)
Protein-Controlled Actuation of Dynamic Nucleic Acid Networks by Using Synthetic DNA Translators
Angew. Chem. Int. Ed. 59 (2020) 20577-20581
Video | Articolo

Veronica Torresan (UniPd, Chimica Fisica)
4D Multimodal Nanomedicines Made of Nonequilibrium Au–Fe Alloy Nanoparticles
ACS Nano 14 (2020) 12840-12853
Video | Articolo

"*The Most Popular Video*" Gianluigi Albano (UniPI, Chimica Organica)
Emergent Nonreciprocal Circularly Polarized Emission from an Organic Thin Film
Adv. Mater. 32 (2020) 2002575 [14]
Video [9] | Articolo [10]

 **[12]Elenco finalisti | Bando | Verbale**

► Premio Levi 2019

Vincitori:

Simona Ranallo (UniROMA2, Chimica Analitica)
Orthogonal regulation of DNA nanostracture self-assembly using antibodies
***Nat. Comm.* 10 (2019) art. no 5509**
Video **[15]** | Articolo **[16]**

Luca Capaldo (UniPV, Chimica Organica)
Visible light uranyl photocatalysis: direct C-H to C-C bond conversion
ACS Catal. 9 (2019) 3054-3058

Video **[17]** | Articolo **[18]**

Menzioni di merito:

Stefano Corrà (UniBO, Chimica Inorganica)
Chemical on/off switching of mechanically planar chirality and ciral anion recognition in a [2]rotaxane molecular shuttle
J. Am. chem. Soc. 14 (2019) 9129-9133

Video **[19]** | Articolo **[20]**

Maria Del Carmen Marin Perez (UniSI, Chimica Teorica e Computazionale)
Fluorescence enhancement of a microbial via electronic reprogramming
J. Am. Chem. Soc. 141 (2019) 262-271

Video **[21]** | Articolo **[22]**

"*The Most Popular Video*" Rosaria Bruno (UniCAL, Chimica Inorganica)
Multivariate metal-organic frameworks for the simultaneous capture of organic and inorganic contaminants from water
***J. Am. Chem. Soc.* 141 (2019) 13601-13609 [23]**
Video **[24]** | Articolo **[25]**

 **[12]Elenco finalisti | Bando | Verbale**

► Premio Levi 2018

Vincitori:

Luka Đorđević (UniTS, Chimica dei Sistemi Biologici)
Design principles of chiral carbon nanodots help convey chirality from molecular to nanoscale level

***Nat. Comm.* 9 (2018) art. no 3442**
Video **[26]** | Articolo **[27]**

Eleonora Macchia (UniBA, Chimica Analitica)
Single-molecule detection with a millimetre-sized transistor

***Nat. Comm.* 9 (2018) art. no. 3223**
Video **[28]** | Articolo **[29]**

Menzioni di merito:

Serena Bertoni **(UniBO, Tecnologia Farmaceutica)**
pH and reactive oxygen species-sequential responsive nano-in-micro composite for targeted therapy of inflammatory bowel disease
Adv. Func. Mater. **28 (2018) art no.** 1806175 **[30]**
Video **[31]** | Articolo **[32]**

Stefano Crespi **(UniPV, Chimica Organica)**
Tuning the thermal isomerization of phenylazoindole photoswitches from days to nanoseconds
J. Am. Chem. Soc. **140** (2018) 2940-2946 **[33]**
Video **[34]** | Articolo **[35]**

"*The Most Popular Video*" Carla Rizzo **(UniPA, Chimica Organica)**
Nitrogen-doped carbon nanodots-ionogels: Preparation, characterization, and radical scavenging activity
ACS Nano **12** (2018) 1296-1305 **[36]**
Video **[37]** | Articolo **[38]**

Elenco finalisti **[12]** | Bando **[39]** | Verbale **[40]**

► **Premio Levi 2017**

Vincitori:

Claudia Bonfio **(UniTN, Chimica dei Sistemi Biologici)**
UV-light-driven prebiotic synthesis of iron-sulfur clusters
Nat. Chem. 9 (2017) 1229-1234 **[41]**
Video **[42]** | Articolo **[43]**

Daniele Martella **(UniFI, Chimica Industriale)**
Photonic microhand with autonomous action
Adv. Mater. **29 (2017) art. no.** 1704047 **[44]**
Video **[45]** | Articolo **[46]**

Menzioni di merito:

Riccardo Rigo **(UniPV, Chimica Farmaceutica)**
Conformational profiling of a G-rich sequence within the c-KIT promoter
Nucleic Acids Res. **45** (2017) 13056-13067 **[47]**
Video **[48]** | Articolo **[49]**

Sergio Rossi **(UniMI, Chimica Organica)**
Stereoselective catalytic synthesis of active pharmaceutical ingredients in homemade 3D-printed mesoreactors
Angew. Chem. Int. Ed. **56** (2017) 4290-4294 **[50]**
Video **[51]** | Articolo **[52]**

"*The Most Popular Video*" Francesco Tavanti **(UniMORE, Chimica Teorica e Computazionale)**
Site-selective surface-enhanced Raman detection of proteins
ACS Nano **11** (2017) 918-926 **[53]**
Video **[54]** | Articolo **[55]**

Elenco finalisti **[56]** | Bando **[57]** | Verbale **[58]**

► **Premio Levi 2016**

Vincitori:

Alessia Amodio **(UniROMA2, Chimica Analitica)**
pH-controlled assembly of DNA tiles
J. Am. Chem. Soc. **138** (2016) 12735-12738 **[59]**
Video **[60]** | Articolo **[61]**

Giovanni Valenti **(UniBO, Elettrochimica)**
Coaxial heterostructures integrating palladium/titanium dioxide with carbon nanotubes for efficient electrocatalytic hydrogen evolution
Nat. Commun. 7 (2016) 13549 **[62]**

Video **[63]** | Articolo **[64]**

Menzioni di merito:

Francesca Arcudi **(UniTS, Chimica dei Sistemi Biologici)**
Synthesis, separation, and characterization of small and highly fluorescent nitrogen-doped carbon nanodots
Angew. Chem. Int. Ed. **55** (2016) 2107-2112 **[65]**

Video **[66]** | Articolo **[67]**

Matteo Atzori **(UniFI, Chimica Inorganica)**
Quantum coherence times enhancement in vanadium(IV)-based potential molecular qubits: the key role of the vanadyl moiety
J. Am. Chem. Soc. **138** (2016) 11234-11244 **[68]**

Video **[69]** | Articolo **[70]**

"The Most Popular Video" Anna Laura Capriotti **(UniROMA1, Chimica Analitica)**
New magnetic graphitized carbon black TiO_2 composite for phosphopeptide selective enrichment in shotgun phosphoproteomics
Anal. Chem. **88** (2016) 12043-12050 **[71]**
Video **[72]** | Articolo **[73]**

[74] [12]Elenco finalisti [75] | Bando **[76]** | Verbale **[77]**

► **Premio Levi 2015**

Vincitori:

Cristian Pezzato **(UniPD e CNR-ISTM, Chimica Organica)**
Transient signal generation in a self-assembled nanosystem fueled by ATP
Nat. Commun. **6** (2015) 7790
Video **[78]** | Articolo **[79]**

Letizia Monico **(UniPG, Chimica dell'Ambiente e dei Beni Culturali)**
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 **[80]**
Video **[81]** | Articolo **[82]**

Menzioni di merito:

Giulio Ragazzon **(UniBO, Chimica Inorganica)**
Light-powered autonomous and directional molecular motion of a dissipative self-assembling system
Nat. Nanotechnol. **10** (2015) 70
Video **[83]** | Articolo **[84]**

Chiara Samorì **(CIRI EA e UniBO, Chimica Organica)**
Dimethyl carbonate and switchable anionic surfactants: two effective tools for the extraction of polyhydroxyalkanoates from microbial biomass
Green Chem. **17** (2015) 1047
Video **[85]** | Articolo **[86]**

"The Most Popular Video" Luca Catalano **(PoliMI, Chimica Fisica)**
Dynamic characterization of crystalline supramolecular rotors assembled through halogen bonding
J. Am. Chem. Soc. **137** (2015) 15386 **[87]**
Video **[88]** | Articolo **[89]**

Elenco finalisti **[90]** | **[12]**Bando **[91]** | Verbale **[92]**

► **Premio Levi 2014**

Vincitori:

Alessandra Campana **(CNR-ISMN, Chimica Fisica)**
Electrocardiographic recording with conformable organic electrochemical transistor fabricated on resorbable bioscaffold
Adv. Mater. **26 (2014) 3874**
Articolo **[93]**

Alessandro Minguzzi **(UniMI e INSTM, Elettrochimica)**
Observing the oxidation state turnover in heterogeneous iridium-based water oxidation catalysts
Chem. Sci. **5 (2014) 3591**
Articolo **[94]**

Menzioni di merito:

Andrea Idili **(UniROMA2, Chimica Analitica)**
Programmable pH-triggered DNA nanoswitches
J. Am. Chem. Soc. **136 (2014) 5836**
Articolo **[95]**

Alberto Ceccon **(UniVR, Chimica Organica)**
Dynamics of a globular protein adsorbed to liposomal nanoparticles
J. Am. Chem. Soc. **136** (2014) 13158 **[96]**
Articolo **[97]**

Elenco finalisti **[98]** | **[12]**Bando **[99]** | Verbale **[100]**

► **Premio Levi 2013**

Vincitori:

Francesco Pineider **(UniFI e CNR-ISTN, Chimica Inorganica)**
Circular magnetoplasmonic modes in gold nanoparticles
Nano Lett. **13** (2013) 4785-4789 **[101]**
Articolo **[102]**

Alessandro Porchetta **(UniROMA2 e INBB, Chimica Analitica)**
Allosterically tunable, DNA-based switches triggered by heavy metals
J. Am. Chem. Soc. **135** (2013) 13238-13241 **[103]**
Articolo **[104]**

Menzioni di merito:

Denis Gentili **(CNR-ISMN)**
Logic-gate device based on printed polymer semiconducting nanostripes
Nano Lett. **13** (2013) 3643-3647 **[105]**
Articolo **[106]**

Ivan Carnimeo **(SNS e INFN)**
Computational spectroscopy of large system in solution: the DFTB/PCM and TD-DFTB/PCM approach
J. Chem. Theor. Comput. 9 (2013) 2052-2071 **[107]**
Articolo **[108]**

[109] **[12]**Bando **[110]** | Verbale **[111]**

► **Premio Levi 2012**

Vincitore:

Matteo Cargnello **(CNR-ICCOM)**

Exceptional activity for methane combustion over modular $Pd@CeO_2$ subunits on fuctionalized Al_2O_3

Science **337** (2012) 713-717 **[112]**

Articolo **[113]**

Menzioni di merito:

Tommaso Avellini **(UniBO)**

Davide Ravelli **(UniPV)**

Alessandro Porchetta **(UniROMA2)**

[114] **[12]**Bando **[115]**

► **Premio Levi 2010**

Vincitrice:

Elisabetta Collini **(UniPD, Chimica Fisica)**

Coherently wired light-harvesting in photosynthetic marine algae at ambient temperature

Nature **463** (2010) 644-647 **[116]**

Articolo **[117]**

► **Premio Levi 2022**

Vincitori:

Bando Premio Primo Levi 2024.pdf [2]
IMG_0003.jpeg [1]
Impatto_COGNOME.odt [118]
Impatto_COGNOME ok.doc [4]

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

Links:
[1] https://www.soc.chim.it/sites/default/files/IMG_0003.jpeg
[2] https://www.soc.chim.it/sites/default/files/Bando Premio Primo Levi 2024.pdf
[3] https://docs.google.com/forms/d/e/1FAIpQLSfrePXE329gqFyj6JO-M11dxlaEP3HHWCbYCgdjGJ-YCCZ46A/viewform
[4] https://www.soc.chim.it/sites/default/files/Impatto_COGNOME ok.doc
[5] tel:(2022) 15558-15563
[6] https://youtu.be/aw_LjHGTdeY
[7] https://bit.ly/ADalCorso
[8] tel:(2022) 19791-19798
[9] https://youtu.be/Md7tcrkKQmI
[10] https://bit.ly/GAlbano
[11] tel:(2021) 2104927
[12] https://www.soc.chim.it/sci_giovani/premi/levi/finalisti2018
[13] tel:(2020) 4176-4181
[14] tel:(2020) 2002575
[15] http://youtu.be/E-uaACKek4A
[16] https://bit.ly/SRanallo
[17] http://youtu.be/L3tQ81pfUx4

[18] https://bit.ly/LCapaldo
[19] https://youtu.be/umhxq20ME6g
[20] https://bit.ly/SCorra
[21] https://youtu.be/yBzXS9kfgcQ
[22] https://bit.ly/MDCMarin
[23] tel:(2019) 13601-13609
[24] https://youtu.be/CM6PHvKJT2s
[25] https://bit.ly/RBruno
[26] http://youtu.be/hbz60qwSlc0
[27] https://www.nature.com/articles/s41467-018-05561-2
[28] https://youtu.be/L3tQ81pfUx4
[29] https://www.nature.com/articles/s41467-018-05235-z
[30] tel:1806175
[31] https://youtu.be/b2GBwAtVPcc
[32] https://onlinelibrary.wiley.com/doi/abs/10.1002/adfm.201806175
[33] tel:(2018) 2940-2946
[34] https://youtu.be/5SWF2RZ1Kjw
[35] https://pubs.acs.org/doi/10.1021/jacs.7b12871
[36] tel:(2018) 1296-1305
[37] https://youtu.be/EtD6f0gxONs
[38] https://pubs.acs.org/doi/10.1021/acsnano.7b07529
[39] https://www.soc.chim.it/sites/default/files/Bando Premio Primo Levi 2018.pdf
[40] https://www.soc.chim.it/sites/default/files/Verbale Premio Primo Levi 2018.pdf
[41] tel:9 (2017) 1229-1234
[42] http://www.facebook.com/SCIgiovani/videos/2143574839188153/
[43] https://www.nature.com/articles/nchem.2817
[44] tel:1704047
[45] http://www.facebook.com/SCIgiovani/videos/2143580389187598/
[46] https://onlinelibrary.wiley.com/doi/abs/10.1002/adma.201704047
[47] tel:(2017) 13056-13067
[48] http://www.facebook.com/SCIgiovani/videos/2151549361724034/
[49] https://academic.oup.com/nar/article/45/22/13056/4561654
[50] tel:(2017) 4290-4294
[51] http://www.facebook.com/SCIgiovani/videos/2151550968390540/
[52] https://onlinelibrary.wiley.com/doi/abs/10.1002/anie.201612192
[53] tel:(2017) 918-926
[54] http://www.facebook.com/SCIgiovani/videos/2151552955057008/
[55] https://pubs.acs.org/doi/abs/10.1021/acsnano.6b07523
[56] https://www.soc.chim.it/it/sci_giovani/premi/levi/finalisti2017
[57] https://www.soc.chim.it/sites/default/files/Bando%20Premio%20Primo%20Levi%202017.pdf
[58] https://www.soc.chim.it/sites/default/files/Verbale Premio Primo Levi 2017.pdf
[59] tel:(2016) 12735-12738
[60] https://www.facebook.com/watch/?v=1950200325192273
[61] https://pubs.acs.org/doi/abs/10.1021/jacs.6b07676
[62] tel:7 (2016) 13549
[63] https://www.facebook.com/watch/?v=1952042885008017
[64] https://www.nature.com/articles/ncomms13549
[65] tel:(2016) 2107-2112
[66] https://www.facebook.com/watch/?v=1950252231853749
[67] https://onlinelibrary.wiley.com/doi/abs/10.1002/anie.201510158
[68] tel:(2016) 11234-11244
[69] https://www.facebook.com/watch/?v=1950257058519933
[70] https://pubs.acs.org/doi/abs/10.1021/jacs.6b05574
[71] tel:(2016) 12043-12050
[72] https://www.facebook.com/watch/?v=1952025415009764
[73] https://pubs.acs.org/doi/10.1021/acs.analchem.6b02345
[74] https://www.soc.chim.it/sites/default/files/Bando%20Levi%202016.pdf
[75] https://www.soc.chim.it/it/sci_giovani/premi/levi/finalisti2016
[76] https://www.soc.chim.it/sites/default/files/Bando Levi 2016.pdf
[77] https://www.soc.chim.it/sites/default/files/Verbale Premio Primo Levi 2016.pdf
[78] https://www.facebook.com/watch/?v=1808660352679605
[79] https://www.nature.com/articles/ncomms8790
[80] tel:(2015) 13923
[81] https://www.facebook.com/watch/?v=1805588369653470
[82] https://onlinelibrary.wiley.com/doi/abs/10.1002/anie.201505840
[83] https://www.facebook.com/watch/?v=1809204395958534

[84] https://www.nature.com/articles/nnano.2014.260
[85] https://www.facebook.com/watch/?v=1809538675925106
[86] https://pubs.rsc.org/en/content/articlelanding/2015/gc/c4gc01821d
[87] tel:(2015) 15386
[88] https://www.facebook.com/watch/?v=1802953809916926
[89] https://pubs.acs.org/doi/10.1021/jacs.5b10776
[90] https://www.soc.chim.it/it/sci_giovani/premi/levi/finalisti2015
[91] https://www.soc.chim.it/sites/default/files/Bando Levi 2015.pdf
[92] https://www.soc.chim.it/sites/default/files/Verbale Premio Primo Levi 2015.pdf
[93] https://onlinelibrary.wiley.com/doi/10.1002/adma.201400263
[94] https://pubs.rsc.org/en/content/articlelanding/2014/sc/c4sc00975d
[95] https://pubs.acs.org/doi/10.1021/ja500619w
[96] tel:(2014) 13158
[97] https://pubs.acs.org/doi/abs/10.1021/ja507310m
[98] https://www.soc.chim.it/it/sci_giovani/premi/levi/finalisti2014
[99] https://www.soc.chim.it/sites/default/files/Bando Levi 2014.pdf
[100] https://www.soc.chim.it/sites/default/files/Verbale Premio Primo Levi 2014.pdf
[101] tel:(2013) 4785-4789
[102] https://pubs.acs.org/doi/abs/10.1021/nl402394p
[103] tel:(2013) 13238-13241
[104] https://pubs.acs.org/doi/abs/10.1021/ja404653q
[105] tel:(2013) 3643-3647
[106] https://pubs.acs.org/doi/abs/10.1021/nl401484x
[107] tel:9 (2013) 2052-2071
[108] https://pubs.acs.org/doi/10.1021/ct301050x
[109] https://www.soc.chim.it/sites/default/files/users/gru_giovani/documenti/bando-premio-levi-2013.pdf
[110] https://www.soc.chim.it/sites/default/files/Bando Levi 2013.pdf
[111] https://www.soc.chim.it/sites/default/files/Verbale Premio Primo Levi 2013.pdf
[112] tel:(2012) 713-717
[113] https://science.sciencemag.org/content/337/6095/713
[114] https://www.soc.chim.it/sites/default/files/users/gru_giovani/premi/bando-premio-levi-2012.pdf
[115] https://www.soc.chim.it/sites/default/files/Bando Levi 2012.pdf
[116] tel:(2010) 644-647
[117] https://www.nature.com/articles/nature08811
[118] https://www.soc.chim.it/sites/default/files/Impatto_COGNOME.odt