Prof. GIULIA GRANCINI, PhD
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https://en.wikipedia.org/wiki/Giulia_Grancini
Director of the PVsquared2 team at University of Pavia
Associate Professor in Chemistry Department at University of Pavia

Cavaliere della Repubblica Italiana al merito (2021)
Highly-Cited Scientist (recognizing the top 1% scientists in the world) since 2019
***Researcher unique identifiers*:** ORCID ID: 0000-0001-8704-4222;
Listed in the most influential "100 donne STEM" from Fondazione Bracco (2020)

EDUCATION

- Ph.D. cum Laude in Physics (2012) Politecnico of Milan
- Master in Physical Engineering (2008) Politecnico of Milan

PROFESSIONAL HIGHLIGHTS: 15 years of experience in innovative solar energy nanotechnologies and advanced nanomaterials. She leads an internationally recognized solar facility for the development of new-generation efficient and low-cost solar energy, managing an international team of 15 researchers. She attracted 5.3M€ funding from EU, Italian Ministries (MIUR, MITE), Private Foundations (Fondazione Cariplo) and she manages several collaborations with academic (Oxford, KAUST, Cambridge, EPFL, MIT) and industrial partners (EDISON, ENI, SOLARONIX, ENEL) and technology transfer initiatives. Through her international career path – from PhD at Politecnico of Milano and Oxford University to team leader for 4 years at EPFL (Switzerland), she contributed to the raise of emerging solar technologies in Europe, with pioneering contributions in the field of perovskite solar cells, putting her in the internationally recognized scientists arena working in this field. Her group focuses on developing novel multi -dimensional hybrid perovskite interfaces and physics behind for advanced optoelectronic devices, with a special attention to new generation hybrid perovskite solar cells.

TRACK RECORD: H index=58; Total number of citations >27000; Number of scientific publications: 150, 5 patents, 60 invitation to international conferences (30 as invited + 8 as plenary speaker). Principal Investigator of ERC Strarting Grant "HYNANO", ERC POC "SPIKE", MUR Project FARE RICERCA 2021, Funds from Lombardy Region. She is the responsible of a bilateral Italian-Chinese projects focused on innovative skin-like flexible solar panels with Suzhou University (FLHYPER project).

RECOGNITION & AWARDS

- The Second Nano Materials Science Award by Nanomaterials Science (2023)
- Rosa Camuna Award for Research 2023, Lombardy Region
- Special Honour from Italian Republic President Mattarella for Scientific Merits as "Cavaliere della Repubblica" (2021)
- Italian Abilitation for Full Professor obtained both in Chemistry and in Physics
- Journal of Materials Chemistry Lectureship from Royal Society of Chemistry (2020)
- Highly Cited Scientist for the last 5 years in a row since 2019 (ranking in the top 1% by citations for field and year) (cross field) – Clarivate Analytics
- USERN Laureate in Physical Science 2019, Budapest (2019).
- Swiss Physical Society Award 2018 in Applied Physics (2018)
- IUPAP Young Scientist Prize in Optics 2017 for "deep knowledge on photophysical properties and ultrafast light-induced dynamical processes" (2017)

FUNDED PROJECTS

-Principal Investigator (PI) of the ***ERC POC*** **(**150k€) **– SPIKE**, from 01/01/2022
-PI of **IMPACT MUR PNRR** (63k€) from 05/11/2023
-PI of **HERO (CRG, Kaust)** (81k€) from 01/04/2023
-PI of **FLHYPER** funded by Fondazione Cariplo, Economia Circolare (200k€), from 01/01/2021
-**PI** of **GOPV** (funded by MITE) (5M€) partner of the consortium, from 21/07/2023
-PI of the ***ERC Starting Grant*** **(**1.5 M €) **– HY-NANO** (802862), from 01/07/2019
-**PI of project EXPRESS, FARE, MIUR 2020** (300k €), from 2020
-**PI** of the **Ambizione Energy Grant** (PZENP2_173641) 05/2017-06/2019, 739K CHF
-**PI** of the **EPFL Marie Skłodowska-Curie Fellowship,** H2020 no. 665667, Feb 2016, 64K CHF
-**Co-PI** of the **SNSF Sinergia Grant:** "EPISODE-Engineering of advanced hybrid Perovskite for Integration with Silicon photovoltaic Optoelectronic Devices", December 2016, 2.029KCHF
-**Co-PI** of **Commission for Technology and Innovation (CTI) Project from Swiss Federation** in Collaboration with Solaronix 760KCHF

More at: PVsquared2 - Photovoltaics research in Pavia Giulia Grancini group https://pvsquared2.unipv.it