

Emanuele Spatola

EDUCATION

01/11/2020 – now

PhD Student in Chemistry at Sapienza University of Rome.

Supervisor

Prof. Stefano Di Stefano

10/2018-07/2020

Master degree thesis in Chemistry at Sapienza University of Rome.

Curriculum: Organic and Biomolecular Chemistry.
Graduated with full marks and honours (110/110 cum laude).
Two years on two years required.

Thesis title

Time Programmable Locking/Unlocking of the Calix[4]arene Scaffold by Means of Chemical Fuels.

Supervisor

Prof. Stefano Di Stefano

10/2015-07/2018

Bachelor degree thesis in Chemistry at Sapienza University of Rome.

Graduated with full marks and honours (110/110 cum laude).
Three years on three years required.

Thesis title

Light powered molecular machines.

Supervisor

Prof. Paolo Mencarelli

2013-2018

“Diploma di perito chimico” (high school, Industrial Chemistry curriculum) with 98/100 at “I.I.S. Galileo Ferraris”, Ragusa (Rg).

PUBLICATIONS

Bibliometric indexes

Total number of peer reviewed publications = 5
of which 3 as **first author** (or co-first)

h-index (Scopus, July 2022) = 3.

ORCID ID: 0000-0003-1312-9199.

* = corresponding author, † = equal contribution.

List of publications

1

“Dissipative Dynamic Covalent Chemistry (DDCvC) Based on the Transimination Reaction” D. Del Giudice, M. Valentini, G. Melchiorre, E. Spatola, S. Di Stefano*.

Chem. Eur. J. **2022**, doi.org/10.1002/chem.202200685.

(I.F. = 5.24)(**Hot paper**).

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- 2 “Temporal Control of the Host–Guest Properties of a Calix[6]arene Receptor by the Use of a Chemical Fuel”. F. Rispoli[¶], E. Spatola[¶], D. Del Giudice[¶] R. Cacciapaglia, A. Casnati, L. Baldini*, S. Di Stefano*. *J. Org. Chem.* **2022**, *87*, 3623–3629. (IF = 4.35) (In the list of JOC **Most Read Articles** on 14 March 2022)
- 3 “Dissipative control of the fluorescence of a 1,3-dipyrenyl calix[4]arene in the cone conformation”. E. Spatola[¶], F. Rispoli[¶], D. Del Giudice[¶], R. Cacciapaglia, A. Casnati, L. Marchiò, L. Baldini*, S. Di Stefano*. *Org. Biomol. Chem.*, **2022**, *20*, 132. (IF = 3.88) (**Hot Article Collection**)
- 4 “Time-programmable pH: decarboxylation of nitroacetic acid allows the time-controlled rising of pH to a definite value”. D. Del Giudice[¶], E. Spatola[¶], M. Valentini, C. Bombelli, G. Ercolani*, S. Di Stefano*. *Chem. Sci.* **2021**, *12*, 7460-7466. (IF = 9.82)
- 5 “Time Programmable Locking/Unlocking of the Calix[4]arene Scaffold by Means of Chemical Fuels”. D. Del Giudice, E. Spatola, R. Cacciapaglia, A. Casnati, L. Baldini*, G. Ercolani*, S. Di Stefano*. *Chem. Eur. J.*, **2020**, *26*, 14954-14962. (IF = 5.24)

PARTECIPATION IN CONFERENCES

Oral Presentations

1. **First Symposium for YouNg Chemists: Innovation and Sustainability (SYNC2022)**, 20-23/06/2022, Roma, Italy.
2. **XVIII PhD-day CIRCC**, 28/04/2022, Alghero, Italy.
3. **Suprachem Days 2021**, 13-15/10/2021, Bologna, Italy.

Poster Presentations

1. **XV Italian Conference on Supramolecular Chemistry (SupraMol2022)** 28/06-01/07/2022, Salerno.
2. **XXVII Congresso Nazionale della Società Chimica**, 14-23/09/2021, Milano, Italy.

Emanuele Spatola

School **IX Ciamician Photochemistry School**, 06-09/06/2022,
Bologna, Italy.

GRANTS

Funded grants as PI

“Progetto avvio alla ricerca” (Calixareni come piattaforma strutturale dalla geometria controllata chimicamente) of 1000 € (research grant designed for PhD students) awarded by “La Sapienza” university 2021.

AWARDS

1. “Best Poster presentation” in XV Italian Conference on Supramolecular Chemistry, **2022**.
2. Third place at regional stage of “Giochi della Chimica” in Sicily, category “C” (high school with Chemistry curriculum). Awarded by the Italian Chemical Society (SCI), **2015**.
3. First place at regional stage of “Giochi della Chimica” in Sicily, category “C” (high school with Chemistry curriculum). Awarded by the Italian Chemical Society (SCI), **2014**.

PROFESSIONAL MEMBERSHIP

Italian Chemical Society (SCI), since 2021.