

## Personal Data

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**Name:** Sergio Paolo Tosoni

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## Education

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**12/11/2001:** Bachelor degree in Chemistry, Università di Torino (Grade: 107/110)

**16/07/2003:** Master degree in Chemistry, Università di Torino (Grade: 110 cum laude)

**15/01/2007:** PhD in Chemical Sciences, Università di Torino

## Career

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**November 2006, October 2007:** Postdoc researcher (assegnista di ricerca) at the Dipartimento di Chimica IFM, Università di Torino. Tutor: Prof. Piero Ugliengo. Research topics: carachterization of biomaterial surfaces by means of first-principle calculations.

**January 2008- June 2011:** Post-doc researcher in the group led by prof. Joachim Sauer, Institut für Chemie, Humboldt University, Berlin. Research topics: accurate calculation of adsorption energies of organic molecules on oxide surfaces.

**July 2011-June 2013:** Post doc researcher in the group led by prof. Francesc Illas at the IQTUB (Institut de Quimica Teorica i Computacional, University of Barcelona). Research topics: doped oxides and photocatalysis.

**July 2013-November 2016:** Post doc researcher (assegnista di ricerca), Dipartimento di Scienza dei Materiali, Università di Milano Bicocca. Tutor: Prof. Gianfranco Pacchioni. Research topics: oxide catalytic properties for biomass conversion.

**Present position (since December 2016):** Research associate (RTDB), Dipartimento di Scienza dei Materiali, Università di Milano Bicocca. Research topics: oxide catalytic properties for biomass

conversion, oxide thin films supported on metals, magnetic and electronic properties of doped oxides.

## Teaching Activity

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Laboratory of Inorganic Chemistry II (Bachelor in Chemical Science and Technology), Inorganic Chemistry (Bachelor in Optics and Optometry), Basic Chemistry (Master degree in Materials Science).

## Keywords of my Research Activity

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First Principle Calculations, DFT, Oxides, Surfaces, Doping, Nanostructuring, Weak Interactions.

## Bibliometric Records

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Articles: 78

Citations: 2001

Average Citations per Year: 117.7

Average Citation per (cited) Item: 25.7

H-factor: 24

(Source: Web of Science, April 2021)

## Attended Conferences

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18 oral communications (3 invited) and 9 posters.

## Awards

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First price “Giovani talenti dell’Università di Milano Bicocca”, with the support of the Accademia dei Lincei, 2016.

## Dissemination Activity

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**2018:** Codirector of the “Summer School in Computational Chemistry”, organized in the frame of the Lake of Como School for Advanced Studies.

**2019:** Member of the organizing committee of the event “HorizonChem 2019, La Tavola Periodica degli Elementi. Storia, Innovazione e Sfide future”