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career	since 09.2019: Guest Professor of Materials Science at Shanghai Jiao Tong University, China since 01.2018: Courtesy Appointment to the TU Dresden – King's College London <i>transcampus</i> since 01.2013: Courtesy Appointment to the Physics Department at TU Dresden, Germany since 11.2011: Adjunct Professor of Chemistry at the University of Alabama, USA since 11.2009: Honorary Professor of Electronic Engineering at POSTECH, South Korea since 10.2007: Chair "Materials Science and Nanotechnology" (full professor, W3), School of Engineering Sciences (Department of Materials Science) at TU Dresden 2003-2007: Head of the VW-Foundation independent research group <i>Molecular Computing</i> , Department of Physics, University of Regensburg, Germany 2001-2002: Schloßmann award fellow, Max Planck Institute PKS, Dresden, Germany 1998-2000: Guest scientist, Max Planck Institute PKS, Dresden, Germany 1997-1998: Postdoctoral Research Associate, Università di Genova, Italy
education	grad: 1997 Ph.D. in Physics, Università di Genova, Italy undergrad: 1994 Laurea (M.Sc.) in Physics, Università di Genova, Italy
publications & presentations	429 works in international journals and refereed volumes including 1 book (edited for Springer Lecture Notes in Physics), 8 reviews and 89 letters (including Nature Journals Papers), 255 works as first or last author 12 patents 499 abstracts in conferences, workshops, or sci-schools (91 as invited talks) 116 invited talks at universities, research centers including invited public talks
keywords	materials modeling and transport phenomena, bottom-up assembly and molecular biosensing, molecular (bio)electronics heat and charge migration from mesoscopic to molecular systems,
grants & awards	since 2003: more than €30m third party grants among others from the European Union, the German Research Foundation (DFG), the German Ministry of Education and Research (BMBF), the Volkswagen Foundation. 2003-2007: VolkswagenStiftung Research Group Individual Grant 2001-2003: Schloßmann Award Fellowship 1984-1993: Various talent scholarships
author IDs	Google Scholar: https://scholar.google.com/citations?user=ru9OwLUAAAAJ ORCID: https://orcid.org/0000-0002-6574-7848 Scopus: https://scopus.com/authid/detail.uri?authorId=56273831400 ResearcherID: https://researcherid.com/rid/B-7192-2008

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Intrinsic plasticity of silicon nanowire neurotransistors for dynamic memory and learning functions,
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- R. Gutiérrez, R. A. Caetano, B. P. Woiczikowski, T. Kubar, M. Elstner, and G. Cuniberti,
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- E. Shafir, H. Cohen, A. Calzolari, C. Cavazzoni, D. A. Ryndyk, G. Cuniberti, A. Kotlyar, R. Di Felice, and D. Porath,
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Introducing Molecular Electronics (book),
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