

Publications

Papers in journals

1. V D Camiola, V Tozzini, [Collective mode mining from molecular dynamics simulations: a comparative approach](#) *submitted*
2. S Forti, A Rossi, T Cavallucci, H Büch, A Sala, A Locatelli, F Bisio, K Müller, S Link, U Starke, V Tozzini, and C Coletti [Electronic properties of WS₂ on epitaxial graphene on SiC\(0001\)](#) *submitted*
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4. P Mereghetti, G Maccari, G L B Spampinato, V Tozzini [Optimization of analytical potentials for coarse grained bio-polymers models](#) *J Phys Chem B* **120** (33) 8571–8579 (2016) DOI: 10.1021/acs.jpcc.6b02555
5. K Takahashi, S Isobe, K Omori, T Mashoff, D Convertino, V Miseikis, C Coletti, V Tozzini, S Heun [Revealing the multi-bonding state between hydrogen and graphene-supported Ti clusters](#), *J Phys Chem C*, **120** (24) 12974–12979 (2016) DOI: 10.1021/acs.jpcc.6b05207
6. T Cavallucci, V Tozzini, [Multistable rippling of graphene on SiC: A Density Functional Theory study](#), *J Phys Chem C* **120** (14), 7670–7677 (2016) DOI: 10.1021/acs.jpcc.6b01356
7. E Quesnel, F Roux, F Emieux, P Faucherand, E Kymakis, G Volonakis, F Giustino, B Martín-García, I Moreels, S Alkan Gürsel, A Bayrakçeken Yurtcan, V Di Noto, A Talyzin, I Baburin, D Tranca, G Seifert, L Crema, G Speranza, V Tozzini, P Bondavalli, G Pognon, C Botas, D Carriazo, G Singh, T Rojo, G Kim, W Yu, C P Grey and V Pellegrini [Graphene-based technologies for energy applications, challenges and perspectives](#) *2D Mater* **2** 030204 (2015) DOI: 10.1088/2053-1583/2/3/030204
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10. V D Camiola, R Farchioni, V Pellegrini, V Tozzini [Hydrogen transport within graphene multilayers by means of flexural phonons](#) *2D Mater* **2** 014009 (2015) DOI: 10.1088/2053-1583/2/1/014009
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12. F Bonaccorso, L Colombo, G Yu, M Stoller, V Tozzini, A C Ferrari, R S Ruoff, V Pellegrini [Graphene, related two dimensional crystals, and hybrid systems for energy conversion and storage](#) *Science*, **347** 1246501 (2015) DOI: 10.1126/science
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106. V Tozzini [La rivoluzione luminosa](#) *Fisica in Medicina* **4** (2013) 12–20
107. V Tozzini [Grafene e Medicina](#) *Fisica in Medicina* **3** (2013) 6–12
108. V Tozzini [Medicina 'Computazionale'](#) *Fisica in Medicina* **1** (2013) 39-45
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Theses

Date	Degree	Title	Supervisor, Referees	Eval
Mar 12th 1993	Degree (MS)	<i>Relazioni di dispersione di fononi in solidi prossimi al punto di fusione nell'ambito della teoria del funzionale di densità</i> Dispersion relations of phonons in solids near the melting point within the Density Functional Theory	Prof. M.P. Tosi (SNS, Pisa)	Cum Laude
Oct 16th 1997	PhD	Vibrational Properties of Condensed Systems near the Solid-Liquid Transition	Prof. M.P. Tosi, Prof. G. Benedek (Univ Milano) Prof. N.H. March (Oxford Univ)	Cum Laude
Nov 11th 1999	Medical Physics Spec	<i>Tecniche di Modellizzazione Molecolare e Applicazioni a Macromolecole Biologiche e Sistemi Complessi</i> Molecular Modeling Techniques and applications to Biological Macromolecules and Complex Systems	Prof. U. Bottigli (Univ Pisa) Dott. F. Buda (Univ Amsterdam)	Cum Laude

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- [Google Scholar](#); h = 27
- [ORCID](#)
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