

## pSIC-related papers

1. A. Filippetti and N.A. Spaldin:  
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3. C. Toher, A. Filippetti, S. Sanvito, and K. Burke:  
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4. A. Filippetti and V. Fiorentini:  
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5. A. Filippetti and V. Fiorentini:  
*Double-exchange driven ferromagnetic metal-paramagnetic insulator transition in Mn-doped CuO*,  
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6. A. Filippetti and V. Fiorentini:  
*Self-interaction-free density-functional band theory for magnetic cuprates*,  
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7. P. Delugas, V. Fiorentini, A. Filippetti, and G. Pourtois:  
*Cation charge anomalies and high- $\kappa$  dielectric behavior in DyScO<sub>3</sub>*,  
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8. A. Filippetti and V. Fiorentini:  
*Magnetic ordering under strain and spin-Peierls dimerization in GeCuO<sub>3</sub>*,  
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9. G. Colizzi, A. Filippetti, and V. Fiorentini:  
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10. A. Filippetti and V. Fiorentini:  
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11. A. Filippetti, G. M. Lopez, M. Mantega, and V. Fiorentini:  
*Chain metallicity and antiferro-paramagnetism competition in underdoped YBa<sub>2</sub>Cu<sub>3</sub>O<sub>6+x</sub>: a first principles description*,  
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12. G. Colizzi, A. Filippetti, F. Cossu, and V. Fiorentini:  
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13. D. Puggioni, A. Filippetti, and V. Fiorentini:  
*Fermi-surface pockets in YBa<sub>2</sub>Cu<sub>3</sub>O<sub>6.5</sub> : A comparison of ab initio techniques*,  
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14. A. Filippetti and V. Fiorentini:  
*A practical first-principles band-theory approach to the study of correlated materials*,  
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19. P. Delugas, A. Filippetti, V. Fiorentini, D. Fontaine, D. Bilc, and P. Ghosez:  
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20. T. Archer, C.D. Pemmaraju, S. Sanvito, C. Franchini, J. He, A. Filippetti, P. Delugas, D. Puggioni,  
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*Doping-induced dimensional crossover and thermopower burst in Nb-doped  $SrTiO_3$  superlattices*  
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24. P. Delugas, A. Filippetti, A. Gadaleta, I. Pallecchi, D. Marré, and **V. Fiorentini**:  
*Large band offset as driving force of 2-dimensional electron confinement: the case of  $SrTiO_3/SrZrO_3$   
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25. P. Delugas, A. Filippetti, M. J. Verstraete, I. Pallecchi, D. Marré, and **V. Fiorentini**:  
*Doping-induced dimensional crossover and thermopower burst in Nb-doped SrTiO<sub>3</sub> superlattices*  
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*Large band offset as driving force of 2-dimensional electron confinement: the case of SrTiO<sub>3</sub>/SrZrO<sub>3</sub> interface*  
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27. F. Ricci, P. Alippi, A. Filippetti, and **V. Fiorentini**:  
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Phys. Rev. B **90**, 045132 (2014)
28. P. Delugas, **V. Fiorentini**, A. Mattoni, and A. Filippetti:  
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29. I. Pallecchi, F. Telesio, D. Li, A. Fête, S. Gariglio, J.-M. Triscone, A. Filippetti, P. Delugas, **V. Fiorentini**, and D. Marré:  
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30. F. Ricci, F. Boschi, A. Baraldi, A. Filippetti, M. Higashiwaki, A. Kuramata, **V. Fiorentini**, and R. Fornari:  
*Theoretical and experimental investigation of optical absorption anisotropy in  $\beta$ -Ga<sub>2</sub>O<sub>3</sub>*  
J. Phys.: Condensed Matter, in print (2015)