

## Notes

- The Quantum ESPRESSO project has been granted by the European Union through the max Centre of Excellence, with two major Grants Nos. 676598 and 824143.
- The four most relevant articles describing the Quantum ESPRESSO code:
  1. “QUANTUM ESPRESSO: a modular and open-source software project for quantum simulations of materials”, Giannozzi et al., JOURNAL OF PHYSICS-CONDENSED MATTER, Vol. 21, Issue 39, Year 2009, DOI:10.1088/0953-8984/21/39/395502;
  2. “Advanced capabilities for materials modelling with QUANTUM ESPRESSO”, Giannozzi P. et al., JOURNAL OF PHYSICS-CONDENSED MATTER, Vol. 29, Issue 46, Year 2017, DOI:10.1088/1361-648X/aa8f79;
  3. “Quantum ESPRESSO toward the exascale”, Giannozzi P. et al., J. Chem. Phys., Vol. 152, Issue 15, Year 2020, DOI:10.1063/5.0005082;
  4. “First-principles codes for computational crystallography in the Quantum-ESPRESSO package”, Scandolo S. et al., ZEITSCHRIFT FUR KRISTALLOGRAPHIE, Vol. 220, Issue 5-6, Page 574, Year 2005, DOI:10.1524/zkri.220.5.574.65062;

count together more than **18000 citations** on international peer-reviewed journals (data from ISI Web of Knowledge on December 14<sup>th</sup>, 2021), such citing articles published by more than **25000 authors** distributed worldwide (the following image schematically reporting the geographical distribution of the authors of the citing articles has been realized using source data taken from ISI Web of Science):

QE Impact

