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Is it possible to make code quality more important than the number of published papers in academia?

The code quality in academia has a bad reputation. A global measure of the quality of a computational-oriented research group is typically based on the number of published papers and not a stable and well organized code. The latter is crucial for the further development of the scientific quality of the group. Is it possible to make code quality more important than the number of published papers in academia?

Interesting questions that are closely related to my title:
- How to construct a sustainable workflow for groups working where someone has a user and someone a developer perspective? Where goes the line between what type of knowledge is expected from the users and the maintainers?
- Who has the responsibility to teach the academic staff about best software practices? Is it the individual doing computational stuff he(r)self?
- How can the studying programs at the universities speed up and keep track of the "standard"developments in the business? For instance: in 2020 everybody doing some kind of development should be aware of version control and testing.

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