

作者贡献说明分类(仅供参考)	
1	Conceptualization (实验思路构思) : Ideas; formulation or evolution of overarching research goals and aims
2	Methodology (方法设计) : Development or design of methodology; creation of models
3	Software (软件设计、电脑程序设计) : Programming, software development; designing computer programs; implementation of the computer code and supporting algorithms; testing of existing code components
4	Validation (实验设计的核实) : Verification, whether as a part of the activity or separate, of the overall replication/ reproducibility of results/experiments and other research outputs
5	Formal analysis (数据的分析) : Application of statistical, mathematical, computational, or other formal techniques to analyze or synthesize study data
6	Investigation (实验探究) : Conducting a research and investigation process, specifically performing the experiments, or data/evidence collection
7	Resources (实验试剂材料准备) : Provision of study materials, reagents, materials, patients, laboratory samples, animals, instrumentation, computing resources, or other analysis tools
8	Data Curation (数据整理) : Management activities to annotate (produce metadata), scrub data and maintain research data (including software code, where it is necessary for interpreting the data itself) for initial use and later reuse
9	Writing - Original Draft (初稿撰写) : Preparation, creation and/or presentation of the published work, specifically writing the initial draft (including substantive translation)
10	Writing - Review & Editing (初稿的审阅和修改) : Preparation, creation and/or presentation of the published work by those from the original research group, specifically critical review, commentary or revision – including pre-or postpublication stages
11	Visualization (实验结果可视化, 比如做图) : Preparation, creation and/or presentation of the published work, specifically visualization/ data presentation
12	Supervision (实验监督和领导) : Oversight and leadership responsibility for the research activity planning and execution, including mentorship external to the core team
13	Project administration (项目管理, 区别与上一点, 这一点注重在管理和协调整个实验过程的运行) : Management and coordination responsibility for the research activity planning and execution
14	Funding acquisition (发表实验的资金支持) : Acquisition of the financial support for the project leading to this publication

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