

# Ministry of Science and Technology

## Application for the Outstanding Research Award (ORA)

(Research Field: Natural Sciences and Sustainable Development)

2022/06

### I. Major achievements and contributions (max. 5 pages)

1. All of the submitted materials are limited to those in the last 5 years (from August 2017 to July 2022). For those applicants who previously received ORA, only post-ORA work can be listed.
2. List up to five most important publications. State the impacts on fundamental /applied research and development. For publications with more than one corresponding authors, please describe your contribution and compare yours to those of the other corresponding authors.
3. Fundamental Research: Summarize academic works or research achievements that are mainly contributed by the applicant and describe their significance.
4. Applied Research: Summarize valid patents, technology transfers, or research achievements mainly contributed by the applicant. Describe their impacts on society or economy.
5. If your research is transdisciplinary, please explain why your research breakthrough has transdisciplinary nature.
6. If you were previously awarded the ORA, please explain the differences between the current and previous research achievements.

### II. Other supporting materials

List awards or honors received, plenary or invited speeches given in the international conferences, roles/positions or services (e.g. supervisors, council members, journal editors, review panelists, etc.) engaged in internationally eminent academia/applied-research organizations or associations.

### III. Curriculum vitae and publication list in last 5 years

Provide curriculum vitae including all published journal papers and technical reports in the descending chronological order, marking all corresponding author(s) with an asterisk (\*).

#### ※Notes:

1. Applicant is to submit supporting materials from the last five years ONLY (from 2017/08 to 2022/07).
2. If you had received the ORA on 2018, the only application materials to be submitted are between 2018/08~2022/07.
3. If you had received the ORA on 2019, the only application materials to be submitted are between 2019/08~2022/07.
4. With proper written proof(s), an applicant who took maternity or other medical leaves due to pregnancy in the recent 5 years may also include works and papers published earlier: for the birth of every child, the period of time the applicant's works considered for the ORA can be extended by two additional years.
5. Application materials should be written in English using 12pt Times New Roman and single-line spacing on A4-size pages.

#### IV. Patent and technology transfer list

(All the application material submitted is limited to the recent 5 years from August 2017 to July 2022).

Classification: 1) patent, 2) technology transfer	Title of the Technology	Inventor (發明人) / Assignee (專利權人)	Date of Patent (Month/Year)	Company/ Country	Supporting information*
		/		/	
		/		/	
		/		/	

\*Please upload the PDF files of the patent certificates and technology transfer legal documents.

✳️**Other achievements** : Such as Industry-university cooperation, Industry alliance and Startups.  
Please provide the confirmed supporting information.