

### 9th SRSF Call Results

Application No.	Title	Iranian PI Affiliation	Chinese PI Affiliation
4034153	Development of novel perovskite-based photoelectrode materials and gas-diffusion photoelectrochemical devices for solar-driven high-value CO <sub>2</sub> conversion	Tarbiat Modares University	Research Center for Eco-Environmental Sciences, CAS
4033700	Enhanced catalytic materials for efficient and low-carbon coal conversion with heightened efficacy	University of Zanjan	Institute of Coal Chemistry, CAS
4034188	Development and Evaluation of Optimal PCM and Nanofluid Combinations for Spectral Splitting in Photovoltaic/Thermal Systems	Kermanshah University of Technology	Qinghai Institute of Salt Lake, CAS
4032875	Deciphering molecular mechanisms of the spatial navigation ability of homing pigeons as a biomimetic model	Shahid Bahonar University of Kerman	Kunming Institute of Zoology, CAS
4034146	Diversity conservation and monitoring system of cold-water crustaceans under climate change	University of Tehran	Institute of Zoology, CAS
4034112	Sustainable bioproduction of perfume (-)-Ambroxide in engineered yeasts	Alzahra University	Dalian Institute of Chemical Physics, CAS