

SRSF Call Results

	Application No.	Title	Iranian PI Affiliation	Chinese PI Affiliation	Call Year
1	96003444	Functional Nanocoatings by suspension thermal spraying techniques (Large-scale fabrication of superhydrophobic nanocomposite coatings)	K. N. Toosi University of Technology	Ningbo Institute of Materials Technology and Engineering, CAS	2016-2017
2	96003568	The Causal Impact of Superior Colliculus on Visual Saliency, Reward and Attention in Area V4 and Lateral Intraparietal Cortex	Ferdowsi university of Mashhad	Chinese Academy Of Science	2016-2017
3	96003475	Dual-modal MRI/SPECT Imaging Agents for Quantitative Analysis of Acidic Tumor Microenvironment	Medicinal Plants and Drugs Research Institute, Shahid Beheshti University	China Academic of Science	2016-2017
4	96003492	Neural Mechanisms of Attentional Modulation in Visual Categorization	Shahid Beheshti medical university	Shenzhen	2016-2017
5	96003452	Highly Efficient Organic Dyes for Dye-Sensitized nanocrystalline Solar Cells	University of Tabriz	Hefei Institutes of Physical Sciences	2016-2017
6	96004000	Application of Novel Hybrid Artificial Intelligence Approaches for Flood Susceptibility Assessment in different watersheds and climates using GIS and RS (Iran and China)	University of Kurdistan	Institute of Rock and Soil Mechanics, Chinese Academy of Sciences, Wuhan	2017-2018
7	96004025	Designing a nano-carrier system for targeted delivery to glial scars in neurodegenerative diseases, a proof of concept by delivering chondroitinase ABC I to demyelinated lesions in a mouse model of multiple sclerosis	Tarbiat Modares University	National Center for Nanoscience and Technology	2017-2018
8	96003879	Highly efficient and stable perovskite solar cells based on interface engineering and charge transport investigations	Yazd University	Institute of Physics, Chinese Academy of Sciences	2017-2018
9	96003954	Development of Prototype System for Electromagnetic Navigation Bronchoscopy	Tehran University of Medical Sciences	Suzhou Institute of Biomedical Engineering and Technology	2017-2018
10	96003620	Developing the technologies for high performance organic solar cells	University of Tabriz	Chinese Academy of Sciences	2017-2018
11	96003409	Design and production of high-energy density, long-life and safe rechargeable lithium-metal batteries	Shahid Beheshti University	Changchun Institute of Applied Chemistry, Chinese Academy of Sciences	2017-2018

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12	96001633	Projections of Climate Change, Evapotranspiration, and Net Primary Production over Iran's Climatic Zones using General Circulation Models	University of Tehran	Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences	2017-2018
13	97002416	Occurrence, Fate, and Impact of Microplastics in natural wetland systems	University of Tehran	CAS	2018-2019
14	97000198	Dynamics and physical properties of rejuvenated bulk metallic glasses	Iranian research organization for science and technology	Institute of Physics, Chinese academy of Sciences	2018-2019
15	97002265	Cancer Treatment Based on MagnetoPlasmonic Nanoparticles and Patients Derived Cancer Organoids	Kharazmi University	Chinese Academy of Sciences, Shanghai Institutes for Biological Sciences	2018-2019
16	97002234	Investigating the representation of partially occluded objects in macaque IT and PFC cortex	University of Tehran and IPM	Chinese Academy of Sciences	2018-2019
17	97001386	Design, construction, and installation of two solar furnaces in China and Iran	Zanjan	Institute of Electrical Engineering Chinese Academy of Sciences Institute of electrical engineeri	2018-2019
18	97001438	Nanoprobes for Tracking Vaccine Release Kinetics in vivo	Sahand University of Technology	Chinese Academy of Sciences	2018-2019
19	98012523	Synthesis of novel MOF-derived structures containing O, S and P, characterization and application in electrochemical hydrogen production and supercapacitors for reduction of fossil fuel and weather pollutants	Isfahan University of Technology	Institute of Chemistry, Chinese Academy of Sciences	2019-2020
20	98011735	High performance cost-effective flexible energy storage devices	Iran University of Science and Technology	National Center for Nano Science and Technology	2019-2020
21	98011455	Oligoclonal-antibody functionalized Bi ₂ Se ₃ nanocomposites for targeted breast cancer therapy	Tarbiat modares University	Organization Institute of High Energy Physics, Chinese Academy of Science	2019-2020
22	98011284	Development of low cost membrane based hybrid oxidation-nanofiltration-precipitation process for arsenic removal from groundwater	Kharazmi University	Shanghai Advanced Research Institute, Chinese Academy of Sciences	2019-2020

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23	98011041	Improving Water Use efficiency of Rice By Redesigning Root Architecture	Agricultural Biotechnology Research Institute of Iran	Chinese Academy of Sciences (CAS)	2019-2020
24	99010368	Investigating the effect of graphene quantum dots/metal oxide nanohybrids on the corrosion resistance and anti-fouling performance of marine industrial paints	research institute of petroleum industry	Institute of Oceanology, Chinese Academy (of Sciences IOCAS) China	2020-2021
25	99010447	Transcranial alternating current stimulation (tACS) alters the pattern of risky decision processing in methamphetamine and food addicts	Sahid Beheshti University	University of Science and Technology of China	2020-2021
26	99008701	Wireless electrochemiluminescence multiplex Covid-19 immunosensors using smartphone detector, carbon nanohorn, and cobalt-noble metal nanocomposite	University of Tehran	Changchun Institute of Applied Chemistry	2020-2021
27	99007925	Study the functional correlations between neural activity and molecular/signaling changes in the cortical-subcortical areas involved in the morphine-related memory	Shahid Beheshti University of Medical Sciences	Chinese Academy of Sciences	2020-2021
28	99009822	Porous Metal-Organic and Organic Frameworks Membrane for Gas Phase and Liquid Phase Separation	Tarbiat Modares University	Fujian Institute of Research on the Structure of Matter, Chinese Academy of Sciences	2020-2021
29	4001140	Development of thin gradient coil for an animal MRI superconducting magnet and pulse sequence application research of the integrated scanner	Tehran University of Medical Sciences (TUMS)	Institute of Electrical Engineering, Chinese Academy of Sciences	2021-2022
30	4001335	Design, simulation, manufacturing and test of an innovative foam-based PEM fuel cell stack of upgraded power density for vehicles and combined heat and power systems	Amirkabir University of Technology	Chinese Academy of Sciences	2021-2022
31	4001355	Fabrication of semitransparent/flexible perovskite solar cells using flexible transparent electrodes prepared by bubble template printing technique	Tarbiat Modares	Chinese Academy of Sciences (ICCAS)	2021-2022
32	4001124	Novel interfacial engineering and surface passivation approaches for highly efficient perovskite/Si tandem solar cells	Shahid Beheshti University	University of Science and Technology of China	2021-2022
33	4000748	Research on the construction and charge dynamics of stable and high-efficiency carbon electrode perovskite solar cells based on low-dimensional perovskite mediated interface	University Of Isfahan	Fujian Institute of Research on the Structure of Matter	2021-2022

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34	4006075	Effect of Hydrologic Services Changes Resulted from Land Use and Climate Changes on Watershed Health	Tarbiat Modares University	Institute of Atmospheric Physics, Chinese Academy of Sciences	2022-2023
35	400595	Nanocarbon Supported Atomically Dispersed Metal Catalytic Materials for Dehydrogenation and Desulfurization Reactions	Payame Noor University,Mashhad	OrganizationInstitute of Metal Research	2022-2023
36	4005968	Optical/holographic dual-mode anti-counterfeiting materials based on the photochromic polymer networks	Sahand University of Technology	University of Science and Technology of China	2022-2023
37	4005730	Development of a green and high-efficiency technology for advanced treatment and disinfection based on vacuum ultraviolet/ultraviolet in small decentralized water supply for rural areas	Tarbiat Modares University	Chinese Academy of Sciences	2022-2023
38	4005829	Design of a water/electricity/heat cogeneration system driven by solar energy for remote area	Semnan University	University of Science and Technology of China	2022-2023
39	4020841	Add value to agricultural waste: preparation of advanced lignocellulosic nanofibrills from agricultural residues for reinforcement of recycled cellulosic products	Tarbiat Modares University	Qingdao Institute of Bioenergy and Bioprocess Technology, Chinese Academy of Sciences	2023-2024
40	4020701	Fundamental research on stable strategies for Zn-ion batteries based on the nanostructure of electrode materials and electrolytes	Sharif University of Technology	Beijing Institute of Nanoenergy and Nanosystems, Chinese Academy of Sciences	2023-2024
41	4020903	The nanotechnology-enabled water treatment system using high surface area materials incorporated in reverse osmosis and nanofiltration membranes	Chemistry and Chemical Engineering Research Center of Iran	Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences	2023-2024
42	4020700	Biofilms of Pseudomonads and its application on combating plan disease	Ferdowsi University of Mashhad	Institute of Microbiology, Chinese Academy of Sciences	2023-2024