INSF - RFBR Call Results

	Application No.	Title	Iranian PI Affiliation	Russian PI Affiliation	Call Year
1	96005911	Geochemistry of volatiles in the shallow-dipping subduction zone: Makran arc, SE Iran	Kharazmi University	Institute of Experimental Mineralogy, Chernogolovka, Russia, Research Scientist	2016-2017
2	96004167	Algebraic and Combinatorial Methods in Graph Theory	Sharif University of Technology	Sobolev Institute of Mathematics	2016-2017
3	96004417	Multiferroic Nanostructures mediated hyperthermia and cancer treatment	Iran University of Medical Sciences	National University of Science and Technology (NUST "MISiS")	2016-2017
4	96004204	Development of an experimental/theoretical method for the prediction of ductile fracture in roll forming processes	Tarbiat Modares University	Institute for Problems in Mechanics, Russian Academy of Sciences	2016-2017
5	96003653	Chigger mites (Acariformes: Trombiculidae) of northern Iran: taxonomy and veterinary importance	University of Tehran	Universitetskaya embankment	2016-2017
6	96003903	Thermodynamics, Chemical Thermodynamics, Natural Gas Thermodynamic Property calculator	Ferdowsi University of Mashhad	Saint Petersburg State University	2016-2017
7	96003692	Developing scanning probe microscopy techniques to shed light on nanostructures-surface interfaces	Sharif University of technology	Moscow State University, (MSU)	2016-2017
8	96003886	Broadband Quantum Memory Based on Photon Echo in Gaseous and Solid State Systems	Department of Physics, University of Tehran	KAZAN NATIONAL RESEARCH TECHNICAL UNIVERSITY	2016-2017
9	96003860	Numerical modeling of discrete components of pressure pulsation and noise spectra in bladed pumps	K. N. Toosi University of Technology	MAI	2016-2017
10	96003821	Physical Mechanisms of Extreme Precipitations over the Southern Coast of the Caspian Sea	Iranian National Institute for Oceanography and Atmospheric Science	Lomonosov Moscow State University	2016-2017
11	96003805	A new immunobiosensor based on modified magnetic nanoparticles for detection of hepatitis B surface antigen	Tehran university	Russian Academy of Sciences	2016-2017
12	96003839	Synthesis of biologically important heterocyclic compounds via multicomponent reactions strategy: Investigation of nanocatalysts in improvement of yields and reaction conditions	Shahid Beheshti University	RUDN University	2016-2017
13	96003747	Novel plasmon-driven magneto-photonic nanomaterials	Shahid Beheshti University	Lomonosov Moscow State University	2016-2017
14	96003683	Active nano-antennas and metamaterials based on the novel functional materials with phase transitions	K.N. Toosi University of Technology (KNTU)	Kotel'nikov Institute of Radioengineering and Electronics, Russian Academy of Sciences	2016-2017
15	96003646	The soilscapes of the marine plains of the Caspian region: primary differentiation and evolution	University of Tehran	Lomonosov Moscow State University	2016-2017
16	96003650	Comparative Research of Fluid Dynamics of the Middle and South Caspian Sedimentary Basins	Iranian National Institute for Oceanography and Atmospheric Science	INSITUTE OF GEOSPHERE DYNAMICS (IDG RAS)	2016-2017

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17	96003657	Environmental consequences of Caspian rapid sea level changing during the Anthropocene period, Coasts of Iran	Environment management research institute	Lomonosov Moscow State University	2016-2017
18	96003636	Nanosized metal oxides as catalysts for water splitting in artificial photosynthetic systems: Synthesis, characterization and water splitting under chemical, photochemical and electrochemical conditions	Institute for Advanced Studies in Basic Sciences	Institute of Plant Physiology	2016-2017
19	99006758	Research of loess-paleosol series of the Iranian loess plateau and the Lower Volga region for paleogeographic reconstruction of the regressive stages of the Caspian Sea	Gorgan University of Agricultural Sciences and Natural Resources	Moscow State University	2020-2021
20	98029913	Modeling the future of Oil Demand and Fiscal Sustainability: Evidence from Iran and Russia	Sharif University of Technology	Ural Federal University	2020-2021
21	98029776	Comparative study of the role of serine peptidases in the metabolism of insect pests and assessment of the possibilities of their practical use	University of Tehran	Moscow State University	2020-2021
22	99006398	The interaction of hierarchically rough surfaces with the biological species as a key to creation of effective antimicrobial surfaces for reduction of Healthcare-associated infections	Shahid Beheshti University of Medical Science	A.N. Frumkin Institute of Physical Chemistry and ElectrochemistryRussian Academy of Sciences	2020-2021
23	99006489	Antarctic polar lows and their role in the ocean-ice-atmosphere system	Iranian National Institute for Oceanography and Atmospheric Science	Nansen International Environmental and Remote Sensing Centre (NIERSC)	2020-2021
24	99003992	Improving the Proficiency of the Computer Extracted CT Features Fused with the Clinical Evidences for Prognosis Prediction of the Early Suspicious COVID-19 Lung Anomalies.	Tarbiat Modare University	St. Petersburg Polytechnic University	2020-2021
25	99006085	Mites (Acari) in the Caspian Sea seashores: faunogenetic relationships and structure of the communities	Graduate University of Advanced Technology	Russian Academy of Sciences	2020-2021
26	99006867	Design and Fabrication of 3D artificial cores and analysis of phase trapping in two-phase, gas condensate reservoirs	Persian Gulf University	Schmidt Institute of Physics of the Earth of Russian Academy of Sciences	2020-2021
27	98028496	Combining first-principles calculations with machine learning techniques for fast and reliable prediction of the quasiparticle band gap of excited state properties of binary semiconductors and their alloys	Isfahan University of Technology	Skolkovo Institute of Science and Technology	2020-2021
28	99003890	Iran and Russia in the South Caucasus: Experience of Historical Interaction and Current Problems	Tarbiat Modares University	Tarbiat Modares University of Tehran	2020-2021
29	99003814	Extremal Properties of Random Graphs	Institute for Research in Fundamental Sciences (IPM)	Moscow Institute of Physics and Technology	2020-2021

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30	99003984	Main regularities of dynamics of dust transport from the Aral-Caspian arid region to southern Russia and east Iran	Ferdowsi University of Mashhad	V.E. Zuev Institute of Atmospheric Optics of Russian Academy of Sciences/ assistant professor	2020-2021
31	99003103	Study of the current state and functional characteristics of plankton communities in the Caspian Sea under anthropogenic pollution and biological invasions.	Tarbiat Modares University	P.P. Shirshov Institute of Oceanology IO RAS Russian Academy of Science Nakhimovsky prospect 36 Mos	2020-2021
32	98029928	Species diversity of nematodes in mangrove communities of Bushehr and Hormozgan provinces	University of Zanjan	Lomonosov Moscow State University	2020-2021
33	98029864	A Compilation of Contrastive grammar of Ossetian and Persian Languages	Allameh Tabataba'i	North Ossetian State University	2020-2021
34	99006421	Novel composite-type selective membranes for olefin/paraffin separation in gas-liquid membrane contactor.	Isfahan University of Technology	A.V.Topchiev Institute of Petrochemical Synthesis	2020-2021
35	99005065	Studies on reproductive strategy of Leguminosae as exemplified by a highly variable genus Astragalus in Russia and Iran	Tarbiat Modares University	Lomonosov Moscow State University, Russia	2020-2021
36	99003982	Enhancement of neuroprotective effects of stem cells by co-treatment with a tissue plasminogen activator and GSK-3 inhibitors on ischemic stroke brains	Iran University of Medical Sciences	Moscow state university,A.N Belozersky institue	2020-2021
37	99002496	Development of a Reliable Joining Process for Dissimilar Intermetallic/Ni-based superalloy (Laser Welding/Brazing using High-Entropy Alloying Concept)	Iranian Research Organization for Science and Technology	St Petersburg Polytechnic Universit	2020-2021
38	99005033	Topological design and selective laser melting of porous Nitinol (NiTi) shape memory implant for medical applications	Sharif University of Tecnology	Skolkovo Institute of Science and Technology	2020-2021
39	99003440	The psammobiont herpetofauna and features of speciation processes in the main groups of reptiles of the Iranian Plateau	Hakim Sabzevari University	Moscow State University, Researcher	2020-2021
40	99004620	Ti-MXene quantum dots (MQDs) combined with Lanthanide-doped upconversion nanoparticles (UCNP) as a new material for sensing, photocatalysis, bioimaging and therapy	University of Zanjan	FSRC "Crystallography and Photonics" of RAS	2020-2021
41	99003632	The effect of the northern Indo-Iranian pastoralists communities on the Iran metallurgical tradition in the second millennium BC and early first millennium BC	Research Institute of Cultural Heritage and Tourism	Institute of Mineralogy of South Urals Federal Research Center of Mineralogy and Geoecology of the U	2020-2021
42	99003929	The evolutionary history of earthworm fauna in mountainous areas of West Asia	Tehran	Head of the Laboratory of the ecology of invertebrate species and communities	2020-2021
43	99003824	Selective reactive adsorption desulfurization of FCC gasoline and fuel oil on bimetallic and trimetallic Ni-Cu-Zn supported systems	Iran Polymer and Petrochemical Institute	All-Russian Research Institute of Oil Refining	2020-2021

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44	99003703	Fabrication of functional liver self-organized micro-constructs	Royan institute	Sechenov University	2020-2021
45	99003725	Ecofriendly and low cost gel polymer electrolytes based on natural polymers-for lithium-ion batteries	Sahand University of Technology	Saint-Petersburg University	2020-2021
46	99003887	Individual and mixture toxicity of manufactured nanomaterials (MNMs) on living organisms of aquatic ecosystems and their possible implications in the food chain	University of Kurdistan	Far Eastern Federal University	2020-2021
47	99003390	Development of a high performance Al2024/graphene composite	Iran university of science and technology	Saint Petersburg State University	2020-2021
48	99003229	The Iranian Diaspora in the North Caucasus in the context of Russian-Iranian relations (second half of the 19th century to the first half of the 20th century)	University of Tehran	North Ossetian State University after K.L. Khetagurov	2020-2021
49	99001855	A numerical investigation of the chyme/feces flow in human colon under normal and cancerous conditions	University of Toronto	Perm National Research Polytechnic University	2020-2021
50	99000062	Azaheterocyclic palladacycles decorated with fullerene ligands as versatile reagents for application in medicinal chemistry and material science, construction and theoretical study	Shiraz university	Nesmeyanov Institute of Organoelement Compounds RAS	2020-2021
51	98029674	Development of Methods for Determining the Level of Explosibility of Gases and Vapors for Wireless Monitoring Systems Powered by Renewable Energy Sources	Niroo Research Institute	Moscow Aviation Institute (National Research University)	2020-2021
52	99000182	Investigation of the influence of environmental impact on paint-and-lacquer coatings in dry subsubtropical climate	Yazd University	VIAM institute	2020-2021
53	98029810	Assessing the diversification rates and biogeography of Turkish-Iranian plateau: An example from Apiaceae, the parsley family	University of Tehran, College of Science, School of Biology	Lomonosov Moscow State University	2020-2021
54	98029460	The development of optical technologies for biomedical imaging, diagnostics and laser therapy	Shahid Beheshti University	Saratov State University	2020-2021
55	98025845	Plant bugs (Hemiptera: Heteroptera: Miridae) of Northern Iran with a special emphasis on the economically important taxa	University of Guilan	Saint Petersburg State University	2020-2021
56	98028814	Molecular Description of the Autochthonous Sheep Breeds in Russia and the Persian Plateau	Shahid Bahonar University of Kerman	L.K. Ernst Federal Science Center for Animal Husbandry, Podolsk, Russia	2020-2021
57	98029575	Harnessing the power of post-condensational modification of the GBB reaction products for the construction of new biologically relevant molecular scaffolds	k. N. Toosi University of Technology	Saint Petersburg State University	2020-2021

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58	98029801	Neotectonics of the triple junction region of the Alborz, Zagros and Lesser Caucasus folded-thrust belts and its relationships with the South Caspian Basin	International Institute of Earthquake Engineering and Seismology	Russian Academy of Sciences, Geological Institue	2020-2021
59	98029520	A search for modulators of function, structure, and cytotoxicity of amyloidogenic intrinsically disordered proteins	University of Tehran	Lomonosov Moscow State University (MSU)	2020-2021