

Attached Table 1 List of Research Areas in which "Publicly Offered Research" is Solicited in Grants-in-Aid for Scientific Research on Innovative Areas

No	Research Area Number	Title	Term of Project	Research Period	Number of projects scheduled to be selected	Upper Limit of Annual Budget (in million yen)
1	1901	Construction of the Face-Body studies in transcultural conditions	FY2017-2021	2 years	3 8 13	2 1.5 1
2	1902	Creation of the study of reconciliation	FY2017-2021	2 years	4	1.2
3	5101	Integrative Human Historical Science of "Out of Eurasia": Exploring the Mechanisms of the Development of Civilization	FY2019-2023	2 years	2 2 14	5 4 2
4	2901	Aqua planetology	FY2017-2021	2 years	6 6	5 2
5	2902	Discrete Geometric Analysis for Materials Design	FY2017-2021	2 years	5 15	9 3
6	2903	Soft Crystals: Science and Photofunctions of Flexible Response Systems with High Order	FY2017-2021	2 years	24	2.5
7	2904	Chemistry for Multimolecular Crowding Biosystems	FY2017-2021	2 years	5 18	5 2.5
8	2905	Gravitational wave physics and astronomy: Genesis	FY2017-2021	2 years	3 6 12	4 2 1
9	2906	Frontier research on chemical communications	FY2017-2021	2 years	24	2.5
10	2907	Hybrid Catalysis for Enabling Molecular Synthesis on Demand	FY2017-2021	2 years	20 10	3 2
11	6101	Physical Properties of Quantum Liquid Crystals	FY2019-2023	2 years	2 6 4	5 3 1.5
12	6102	Mid-latitude ocean-atmosphere interaction hotspots under the changing climate	FY2019-2023	2 years	2 6	9.7 3
13	6103	New Materials Science on Nanoscale Structures and Functions of Crystal Defect Cores	FY2019-2023	2 years	12	3
14	6104	Aquatic Functional Materials: Creation of New Materials Science for Environment-Friendly and Active Functions	FY2019-2023	2 years	27	2.5
15	6105	Unraveling the History of the Universe and Matter Evolution with Underground Physics	FY2019-2023	2 years	6 5	2.5 1
16	6106	Hypermaterials: Innovation of materials science in hyper space	FY2019-2023	2 years	8 7	4 2
17	6107	Science on Interfacial Ion Dynamics for Solid State Ionics Devices	FY2019-2023	2 years	16	3 2

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18	3901	Transomic Analysis of Metabolic Adaptation	FY2017-2021	2 years	8 7	5 2
19	3902	Evolutionary theory for constrained and directional diversities	FY2017-2021	2 years	13	5
20	3903	Principles of pluripotent stem cells underlying plant vitality	FY2017-2021	2 years	13	4.5
21	3904	Toward an integrative understanding of functional zones in organelles	FY2017-2021	2 years	12	3.8
22	3905	Spectrum of the Sex: a continuity of phenotypes between female and male	FY2017-2021	2 years	12	5
23	7101	Multimode autophagy: Diverse pathways and selectivity	FY2019-2023	2 years	10 18	4 2.5
24	7102	Program of totipotency: From decoding to designing	FY2019-2023	2 years	13	4
25	7103	Mechanisms underlying replication of non-genomic codes that mediate plasticity and robustness for cellular inheritance	FY2019-2023	2 years	15	4
26	7104	Intrinsic periodicity of cellular systems and its modulation as the driving force behind plant development	FY2019-2023	2 years	18	4
27	4901	Preventive medicine through inflammation cellular sociology	FY2017-2021	2 years	2 8	9 4
28	4902	Giant reservoirs of heat/water/material : Global environmental changes driven by the Southern Ocean and the Antarctic Ice Sheet	FY2017-2021	2 years	4 12	7.5 2.5
29	4903	Studies of Language Evolution for Co-creative Human Communication	FY2017-2021	2 years	8 14	4 2
30	4904	Integrated analysis and regulation of cellular diversity	FY2017-2021	2 years	3 9	6 3
31	4905	Brain information dynamics underlying multi-area interconnectivity and parallel processing	FY2017-2021	2 years	20	3
32	4906	Creation of novel light energy conversion system through elucidation of the molecular mechanism of photosynthesis and its artificial design in terms of time and space	FY2017-2021	2 years	14 14	3 2
33	8101	Non-equilibrium-state molecular movies and their applications	FY2019-2023	2 years	7 7	5 3
34	8102	Hyper-adaptability for overcoming body-brain dysfunction: Integrated empirical and system theoretical approaches	FY2019-2023	2 years	20	3
35	8103	Integrated Biometal Science: Research to Explore Dynamics of Metals in Cellular System	FY2019-2023	2 years	20	3
36	8104	Information physics of living matters	FY2019-2023	2 years	6 12	3.5 1.5
37	8105	Studies on intelligent systems for dialogue toward the human-machine symbiotic society	FY2019-2023	2 years	5 10	10 5
38	8106	Post-Koch Ecology: The next-era microbial ecology that elucidates the super-terrestrial organism system	FY2019-2023	2 years	10 3	4 3