

FY2023 The Noguchi Shitagau Research Grant Keyword Table

Please select 2-5 applicable keywords.

If you wish to add more information, please enter as No.70 up to 20 characters.

No.	Keywords	No.	Keywords	No.	Keywords	No.	Keywords
1	nucleic acid, gene	21	radiotherapy, near-infrared ray therapy	41	hydrogen energy	61	magnetic substance
2	protein, peptide	22	digital healthcare, Internet of Things	42	renewable energy	62	quantum technology
3	carbohydrate, glycan	23	chemical biology	43	energy conversion/ recovery/ transportation technology	63	LC (LIquid Crystal), OLED (Organic Light Emitting Diode)
4	lipid	24	imaging	44	carbon neutrality	64	LED (Light Emitting Diode), laser
5	antibody	25	cryo-electron microscopy	45	resource circulation	65	computational science
6	enzyme	26	structural analysis	46	CO ₂ fixation, artificial photosynthesis	66	information science, digital transformation
7	signal transduction	27	spectroscopic analysis	47	carbon recycling	67	AI(Artificial Intelligence), machine learning
8	microbe	28	photochemistry	48	biodegradable plastic, biomass plastic	68	network system
9	fermentation	29	analytical method, measurement technology	49	green biotechnology, environmental biotechnology	69	simulation
10	omics	30	inorganic chemistry, coordination chemistry	50	bioprocess	70	(Others: up to 20 letters)
11	single cell analysis	31	organic synthetic chemistry	51	environmental measurement		
12	biochemical analysis, biomarker	32	catalyst chemistry	52	wastewater/ waste treatment		
13	biosensor	33	polymer chemistry	53	nanotechnology		
14	pathogen, viruses	34	surface/ interface chemistry	54	electronic material		
15	transplantation, artificial organ	35	dispersion technology	55	electronic devices		
16	iPS cell, ES cell, stem cell	36	membrane separation technology	56	semiconductor		
17	gene therapy	37	equipment technology	57	sensor		
18	nucleic acid medicine	38	process development	58	crystals, amorphous material		
19	DDS (Drug Delivery System)	39	manufacturing technology, production system	59	thin film		
20	exosome, liposome	40	photocatalysis, electrocatalysis	60	thermoelectric element, piezoelectric element		