

# KAKEN Queries' Constitutive Parameters

National Institute of Informatics

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revision history 1

Date	Sheet	Comment
2017/5/16	KAKEN Search Research Projects	API is operational.
2018/11/12	KAKEN Search Research Projects	- Content of query paramater "qc" has changed. - Content of query paramater "qd" has changed. - Query paramater which specifies the sorting condition has changed from "sortorder" to "od".
2019/4/16	KAKEN Search Research Projects	- Content of query paramater "format" has changed.
2019/4/19	KAKEN Search Researchers	API is operational.

No.	Parameter	Contents
1	kw	The parameter that specifies free words (mandatory when items No.6–26 are not specified) The value has to be URL encoded.
2	rw	The parameter that specifies the number of the search results per page (optional) The default is 20. 20, 50, 100, 200 and 500 can be selected.
3	lang	The parameter that specifies the language of the search results (optional) The default is ‘ja’. Either Japanese (ja) or English (en) can be selected. The default setting will be adopted when a string other than ‘ja’ or ‘en’ is used or when it is not specified.
4	st	The starting number of the List of Search Results to be obtained (optional) The default is ‘1’. The default setting will be adopted when the number less than ‘0’ is selected. Error when values over the maximum number of search items (200,000 items) or non-numeric values are entered.
5	format	The parameter that specifies the response format (optional) html5 or xml can be selected. The default is html5 (the standard display for the List of Search). The default setting will be adopted when other strings are used or when it is not specified.
6	qa	It enables you to search by Research Project Title. The value has to be URL encoded.
7	qb	It enables you to search by Project Number
8	c6	It enables you to search by Project Type. Multiple values can be selected. project: Research Project area: Innovative Area organizer: Organizer wrapup: Wrap-up planned: Planned publicly: Public international: International
9	qc	It enables you to search by Research Category. The value has to be URL encoded.
10	c7	It enables you to search by Allocation Types. Multiple values can be selected. hojokin: Single-year Grant kikin: Multi-year Fund ichibu_kikin: Partial Multi-year Fund
11	qd	It enables you to search by Review Section/Research Field. The value has to be URL encoded.
12	qe	It enables you to search by Research Institutions. The value has to be URL encoded.
13	s1	It enables you to search by Project Period (From). Error when non-numeric values are entered.
14	s2	It enables you to search by Project Period (To). Error when non-numeric values are entered. Error when From > To.
15	o1	The parameter that specifies the search conditions for funding agencies. The default is ‘1’. The default setting will be adopted when a code other than the values below is specified. 1: Research Start Year 2: Research End Year 3: Including a part of the research period 4: Including the entire period of a research project
16	s3	It enables you to search by Total Costs (Overall). ‘1’ will be adopted when a code other than the values below is specified. 1: < 1,000,000 2: 1,000,000 ~ 5,000,000 3: 5,000,000 ~ 10,000,000 4: 10,000,000 ~ 50,000,000 5: 50,000,000 ~ 100,000,000 6: 100,000,000 ~ 500,000,000 7: > 500,000,000
17	c1	It enables you to search by Project Status. Multiple values can be selected. adopted: Adopted granted: Granted ceased: Ceased suspended: Suspended project_closed: Completed declined: Declined discontinued: Discontinued
18	qf	It enables you to search by Keywords. The value has to be URL encoded.
19	qn	It enables you to search by Research Summary. The value has to be URL encoded. *This can be used only when the language is English (en).
20	qg	It enables you to search by Researcher Name. The value has to be URL encoded.
21	qh	It enables you to search by Researcher’s Affiliation. The value has to be URL encoded.
22	qm	It enables you to search by Researcher Number. The value has to be URL encoded.
23	c2	It enables you to search by Researcher’s Role. Multiple values can be selected. principal_investigator: Principal Investigator area_organizer: Area Organizer co_investigator_buntan: Co-Investigator(Kenkyū-buntansha) co_investigator_renkei: Co-Investigator(Renkei-kenkyūsha) research_collaborator: Research Collaborator research_fellow: Research Fellow host_researcher: Host Researcher

No.	Parameter	Contents
		foreign_research_fellow: Foreign Research Fellow
		principal_investigator_support: Principal Investigator(Support)
		co_investigator_buntan_support: Co-Investigator(Kenkyū-buntansha)(Support)
24	c3	It enables you to search by Report / Assessment Type. Multiple values can be selected.
		jiseki_hokoku: Annual Research Report
		jiko_hyoka_hokoku: Self-evaluation Report
		kenkyu_sinchoku_hyoka: Research Progress Assessment
		kenkyu_seika_hokoku_gaiyo: Final Research Report Summary
		chukan_hyoka_hokoku: Interim Assessment Report
		jigo_hyoka_hokoku: Ex-post Assessment Reportb
		jishi_jokyo_hokoku_kikin: Research-status Report
		kenkyu_seika_hokoku: Final Research Report
		saitaku_shoken: Comments on Screening Results
		saitaku_gaiyo: Abstract
		kenkyu_shinchoku_hyoka_gaiyo: Abstract (Research Progress Assessment)
		kenkyu_shinchoku_hyoka_genchi_chosa: Research Progress Assessment (Comments on Site Visits)
		kenkyu_shinchoku_hyoka_ka: Research Progress Assessment (Result)
		kenkyu_shinchoku_hyoka_kensho: Research Progress Assessment (Verification Result)
		tsuiseki_hyoka_shoken: Comments (Follow-up Assessment)
		tsuiseki_hyoka_jiko_hyoka: Self-evaluation (Follow-up Assessment)
		tsuiseki_hyoka_kenkyu_gaiyo: Abstract (Follow-up Assessment)
		chukan_hyoka_shoken: Interim Assessment (Comments)
		jigo_hyoka_shoken: Ex-post Assessment (Comments)
		kenkyu_seika_hapyo_hokoku: Research Products Report
25	s4	It enables you to search by Assessment Rating. The value has to be URL encoded.
		A+
		A
		A-
		B
		C
26	s5	The parameter that specifies the search conditions for Assessment Rating Type. This parameter can only be used with the parameter 's4' .
		remark_chukan: Interim Assessment Comments
		remark_jigo: Ex-post Assessment Comments
		assessment: Result
		inspection: Verification Result
27	qi	It enables you to search by Publications. The value has to be URL encoded.
28	c4	It enables you to search by 'in Japan / Overseas'. Multiple values can be selected.
		false: in Japan
		true: Overseas
29	qj	It enables you to search by Identifier (ISSN, ISBN, etc)
30	c5	It enables you to search by Research Output Type. Multiple values can be selected.
		journal_article: Journal Article
		presentation: Presentation
		symposium: Funded Workshop
		book: Book
		press: Press Release
		note: Remarks
		patent: Patent (Industrial Property Rights)
		publication: Publications
31	qk	It enables you to search by Publication Year of research products (From). Error when non-numeric values are entered.
32	ql	It enables you to search by Publication Year of research products (To). Error when non-numeric values are entered. Error when From > To.
33	od	The parameter that specifies the sort conditions. The default is '2' .
		1: Relevance
		2: Research Start Year (Newest)
		3: Research Start Year (Oldest)
		4: Total Budget Amount: Dsc
		5: Total Budget Amount: Asc

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3	lang	The parameter that specifies the language of the search results (optional) The default is ‘ja’. Either Japanese (ja) or English (en) can be selected. The default setting will be adopted when a string other than ‘ja’ or ‘en’ is used or when it is not specified.
4	st	The starting number of the List of Search Results to be obtained (optional) The default is ‘1’. The default setting will be adopted when the number less than ‘0’ is selected. Error when values over the maximum number of search items (1000 items) or non-numeric values are entered.
5	format	The parameter that specifies the response format (optional) html5 or json can be selected. The default is html5 (The standard display for the List of Search). The default setting will be adopted when other strings are used or when it is not specified.
6	qg	It enables you to search by Researcher Name. The value has to be URL encoded.
7	qm	It enables you to search by Researcher Number. The value has to be URL encoded.
8	qh	It enables you to search by Researcher’s Affiliation. The value has to be URL encoded.
9	qq	It enables you to search by Researcher’s Department. The value has to be URL encoded.
10	qs	It enables you to search by Researcher’s Job Title. The value has to be URL encoded.
11	qa	It enables you to search by Research Project Title. The value has to be URL encoded.
12	qb	It enables you to search by Project Number
13	qc	It enables you to search by Research Category. The value has to be URL encoded.
14	qd	It enables you to search by Review Section/Research Field. The value has to be URL encoded.
15	qe	It enables you to search by Research Institutions. The value has to be URL encoded.
16	s1	It enables you to search by Project Period (From). Error when non-numeric values are entered.
17	s2	It enables you to search by Project Period (To). Error when non-numeric values are entered. Error when From > To.
18	o1	It enables you to specify the search conditions for Project Period (Fiscal Year). The default is ‘1’. The default setting will be adopted when a code other than the values below is specified. 1: Research Start Year 2: Research End Year 3: Including a part of the research period 4: Including the entire period of a research project
19	qf	It enables you to search by Keywords. The value has to be URL encoded.
20	qi	It enables you to search by Publications. The value has to be URL encoded.
21	s5	It enables you to specify the search conditions for Patent (Industrial Property Right) Number. This parameter cannot be used unless the parameter 'qo' is specified. (optional) 1: Patent 2: Utility Model Right 3: Design Right
22	qo	It enables you to search by Patent (Industrial Property Right) Number. The value has to be URL encoded.
23	c4	It enables you to search by ‘in Japan / Overseas’. Multiple values can be selected. false: in Japan true: Overseas
24	qj	It enables you to search by Identifier (ISSN, ISBN, etc)
25	c5	It enables you to search by Research Output Type. Multiple values can be selected. The value has to be URL encoded. Journal Article: Journal Article journal_article: Journal Article Presentation: Presentation Book: Book Patent: Patent (Industrial Property Right)
26	od	It enables you to specify the sort conditions. The default is ‘7’. 1: Relevance 2: Researcher Name (kana): Asc 3 : Researcher Name (kana): Dsc 4 : Researcher Name (alphabet): Asc 5: Researcher Name (alphabet): Dsc 6: Number of Research Projects: Asc 7: Number of Research Projects: Dsc