

New Publications Scanned by NDS

(S. Okumura, 2019-03-22)

NDS regularly scans 40 journals and registers the related articles in the EXFOR compilation database. The following journals have been scanned since 2018.09. The EXFOR compilation control system webpage is updated once a week.

- NDS is responsible for the scanning of five journals (ARI, NP/A, NIM/A, NIM/B, PL/B) and other journals on a voluntary basis.
- NDS needs help for scanning of FED, IMP/E and KT because they are inaccessible from IAEA.

Table 1 Journal list scanned by NDS

#	Journal Code	Journal Title	Number of issues in 2018
1	AE/T	Atomic Energy	12
2	ANE	Annals of Nuclear Energy	12
3	APP/B	Acta Physica Polonica, Part B	12
4	ARI	Applied Radiation and Isotopes	12
5	BAS	Bull.Russian Academy of Sciences - Physics	12
6	CHP	Chinese Journal of Physics	6
7	CPL	Chinese Physics Letters	14
8	EPJ/A	European Physical Journal A: Hadrons and Nuclei	12
9	FED	Fusion Engineering and Design	14
10	IJP	Indian Journal of Physics	12
11	IMP/E	Int. Journal of Modern Physics, Part E	11
12	IPA	Indian Journal of Pure and Applied Physics	12
13	JEL	JETP Letters	24
14	JET	Journal of Experimental and Theoretical Physics	11
15	JP/G	Jour. of Physics, Part G	13
16	JPJ	Journal of the Physical Society of Japan	12
17	JRN	Journal of Radioanalytical and Nuclear Chemistry	12
18	KPS	Journal of the Korean Physical Society	23
19	KT	Kerntechnik	6
20	NDS	Nuclear Data Sheets	8
21	NIM/A	Nucl. Instrum. Methods in Physics Res., Sect.A	36
22	NIM/B	Nucl. Instrum. Methods in Physics Res., Sect.B	24
23	NP/A	Nuclear Physics, Section A	12
24	NSE	Nuclear Science and Engineering	12
25	NST	Jour. of Nuclear Science and Technology	12
26	NT	Nuclear Technology	11
27	PAN	Physics of Atomic Nuclei	11
28	PL/B	Physics Letters,Section B	12
29	PNE	Progress in Nuclear Energy	11
30	PPN/L	Physics of Particles and Nuclei Letters	7
31	PR/C	Physical Review, Part C, Nuclear Physics	12
32	PRL	Physical Review Letters	52
33	PRM	Pramana	12

34	PTEP	Progress of Theoretical and Experimental Physics	12
35	RBF	Brasilian Journal of Physics	6
36	RCA	Radiochimica Acta	12
37	RDC	Radiochemistry	6
38	RJP	Romanian Journal of Physics	5
39	RM	Radiation Measurements	12
40	RPC	Radiation Physics and Chemistry	12

New proceedings scanned by NDS

NDS irregularly scans proceedings for the EXFOR compilation. The following journals have been scanned since 2018.09.

Table 2 Journal list scanned by NDS, for proceedings

#	Journal Code	Journal Title	Scanned issue in 2018
1	AIP-	Conf.proceedings by Am.Inst.of Phys.	0
2	EPJ/AS	European Physical Journal A Supplement	7
3	EPJ/CS	EPJ Web of Conferences	0
4	EPJ/ST	European Physical Journal: Special Topics	2
5	IAEA-C-	IAEA Conference proceedings	2
6	JP/CS	Jour. of Physics, Conference Series	20
7	NSTP	Progress in Nuclear Science and Technology	1

Scanned by the Centres

The following table lists the journals scanned by Centres according to responsibility defined in the NRDC Protocol IAEA-NDS-215 Rev. 2015/05 Appendix B and have been updated in (WP2018-04=CP-D/955) and (INDC(NDS)-0762).

- Only two centres regularly report the results of the journal scanning.
- Other centres are expected to inform NDS scanned result including (1) scanned volumes and issues, and (2) page numbers if EXFOR related articles exist. In order to clarify this point, we suggest to modify the current description in the NRDC Protocol IAEA-NDS-215 Rev. 2015/05 “**Journal Scanning Responsibility**” at the next Centre head meeting.
- * NDS want to make sure that some journals (the other centre has responsibility) scan regularly, and ask to send a report of the scanning result.

Table 3 Journal scanning responsibility

Centre	Status of scanning	Responsibility	Request
ATOMKI	No report received at NDS	JRN	

CJD	No report received at NDS	AE/T, PPN, PPN/L, IET, YK, JEL, JET	Report* Report* Report* Report*
CNDC	No report received at NDS	ASI, CPH/C, CNST, CPL, CST, HFH, NTC	Report* Report* Report* Report* Report*
CNPD	No report received at NDS	BAS, EPJ/A, PAN	
IAEA	Two reports were received twice a year at NDS.	JNRS, JPJ, NST, PTEP, IAEA-C (Neutron data)	
JCPRG	No report received at NDS	JNRS, JPJ, NST, PTEP, IAEA-C (CPND, PhND)	
NDPCI	No report received at NDS	IPA, PRM	
NDS		ARI, NP/A, NIM/A, NIM/B, PL/B	
NEA-DB	No report received at NDS	ANE, RCA	
NNDC	Regularly	AJ, AJ/L	
	No report received at NDS	NSE, PR/C, PRL	
UkrNDC	No report received at NDS	UPJ, VAT/I, YFE	Report* Report* Report*