

Das join² Statistikmodul



Robert Thiele
HGF Bibliometrieworkshop
Heidelberg, 07.12.2016

<https://bib-pubdb1.desy.de/record/315261>

Partner im join² Projekt



Deutsches Elektronensynchrotron, Zentralbibliothek

≈ 2000 + 3000



Forschungszentrum Jülich, Zentralbibliothek

≈ 5000 + 1000



GSI Helmholtzzentrum für Schwerionenforschung, Bibliothek + Base-IT

≈ 1050



Deutsches Krebsforschungszentrum, Bibliothek

≈ 3000



Maier-Leibniz-Zentrum, Garching

≈ 300



RWTH Aachen, Universitätsbibliothek

≈ 9000

Museum Zitadelle Jülich



Institut für Experimentelle Kernphysik, Karlsruhe

join² = just another invenio instance

20000 Nutzer + Gäste

>320000 Dokumente + **140000** Normdatensätze



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INVENIO

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Beispiel der Eingabe: PubDB / DESY

Import-Feld (DOI, arXiv,...)
Füllt die meisten Felder!

Gruppe, Institut,...

Programm-orientierte
Förderung (POF)

Auswahl weiterer
Grants, wie EU-Projekte,
SFB, BMBF, etc.

Journal- und Konferenz-
Informationen

Submit New Record

Journal Article

Import data [?] e.g. DOI, arXiv, PUBMED... **Relevant for Reporting** * [?] ☒ yes ☐ no

Group(s) directly involved * [?]
MPY: Beschleunigerphysik
Select or type in name, shortcut (e.g. ATLAS, FS-PE, MKK)

POF III: Topic/Research Theme/Facility * [?]
631 - Accelerator R & D (POF III: 2015 - 2019)
Select from list or type ID, Name of POF-Topic...

Beamline/Experiment/Facility * [?]
Facility (machine) XFEL (XFEL)
e.g. REGAE

Grant name / Proposal No. [?]
631 - Accelerator R & D (POF III: 2015 - 2019)
EuPRAXIA - Proposal for a Horizon 2020 Design Study on the
"European Plasma Research Accelerator with eXcellence In
Applications" (EuPRAXIA) (2015-11-01 - 2019-10-31)
e.g. EU project, FS proposal number (e.g. I-20120768)

Report Number [?]
DESY-THESIS-001, arXiv-No.

Author(s) / Editor(s) * [?]
Bruce, R. [Extern] Author
Assmann, R. -> Assmann, Ralph (DESY / MPY) Author
Redaelli, S. [Extern] Author
Start typing lastname and select...

Title * [?]
Calculations of safe collimator settings and β * at the CERN Large Hadron Collider

Title preview:
Calculations of safe collimator settings and β * at the CERN Large Hadron Collider

Journal * [?] Nuclear instruments & methods in physics research / A
DOI [?] 10.1103/PhysRevSTAB.18.061001

Volume * [?] 18 **Issue** [?] 6 **Pages** * [?] 061001

Title of Special Issue [?] **ISBN of Special Issue** [?]

Publication Year * [?] 2015 **Language** [?] Click to select...

Conference name [?] e.g. The 10th International Conference on Supersymmetry and Unification of Fundamental Interactions

Acronym [?] e.g. SUSY02 **Place** [?] e.g. Hamburg

Country [?] e.g. Germany **Begin** [?] Select from **End** [?] Select from

Experimente, Beamlines,
Facilities, etc.

Autoren-Erkennung

Statistikschlüssel in MARC21

Information Usage statistics Files

Nuclear instruments & methods in physics research / A

Common abbreviations:
Nucl. Instrum. & Methods Phys. Res. Sect. A [200]
Nucl. Instrum. Meth. A [P.2.]
Nucl. Instrum. Methods Phys. Res. A [see]
Nucl. Instrum. Methods Phys. Res. A [print]
Nucl. Instrum. Methods Phys. Res. A [see]

Type: journal
DDC: 530
Keywords(s): Hochenergiephysik, Atomic, Molecular, Nuclear, Particle And Plasma Physics
CODEN: NIMRD
ISSN(s): 0168-9002; 1672-9576
Publisher: North-Holland Publ. Co.; Amsterdam
Appears: print, online
ID: PERI:(DE-600)1466532-3

Vol.: Iss.: Year: Page: [UNTERNEHMEN](#)

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JCR

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IF < 5; JCR; NCBI Molecular Biology Database; Nationallizenz gefördert von der [DFG](#); SCOPUS; Science Citation Index; Science Citation Index Expanded; Thomson Reuters Master Journal List; Web of Science Core Collection

RECENT PUBLICATIONS

All known publications
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Journal Article
Tanikawa, T.; Hage, A.; Kuhlmann, M.; Gonschior, J.; Crunewald, S.; Plönjes, E.; Dösterer, S.; Brenner, G.; Dziazhytski, S.; Braune, M.; Brochmanski, M.; Yin, Z.; Siewert, F.; Dzsizsán, T.; Dromey, B.; Prandolini, M. J.; Tavella, F.; Zepf, M.; Fastz, B.
First observation of SASE radiation using the compact wide-spectral-range XUV spectrometer at FLASH2
Nuclear instruments & methods in physics research / A 830, 170 - 175 (2016) [10.1016/j.nima.2016.05.068] [UNTERNEHMEN](#)

Journal Article
Hempel, M.; Afanaciev, K.; Burtow, P.; Dabrowski, A.; Henschel, H.; Idzik, M.; Karacheban, O.; Lange, W.; Leonard, J.; Levy, I.; Lohmann, W.; Pollak, B.; Przyborski, D.; Rylov, V.; Schwalow, S.; Stikland, D.; Walsh, R.; Zagodzinska, A.
Measurements of the performance of a beam condition monitor prototype in a 5 GeV electron beam
Nuclear instruments & methods in physics research / A 826, 65 - 71 (2016) [10.1016/j.nima.2016.04.038] [UNTERNEHMEN](#)

- Typischer Normdatensatz unserer Periodical (Zeitschriften)
- Basiert auf der Zeitschriftendatenbank (ZDB) der Staatsbibliothek zu Berlin
- ID-basiert, damit weiterer Content suchbar ➡ Recent Publications
- Anreichern mit Statistik-Informationen, wie “gelistet in SCOPUS“, etc.
- Basis für Suche auf Statistikschlüssel pro Jahr, pro POF-Programm, etc.

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000008325 915 — $$0StatID:(DE-HGF)0420$2StatID$$aNationallizenz
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000008325 915 — $$0StatID:(DE-HGF)0300$2StatID$$aDBCoverage$bMedline
000008325 915 — $$0StatID:(DE-HGF)0310$2StatID$$aDBCoverage$bNCBI Molecular Biology Database
000008325 915 — $$0StatID:(DE-HGF)0199$2StatID$$aDBCoverage$bThomson Reuters Master Journal List
000008325 915 — $$0StatID:(DE-HGF)0110$2StatID$$aWoS$bScience Citation Index
000008325 915 — $$0StatID:(DE-HGF)0150$2StatID$$aDBCoverage$bWeb of Science Core Collection
000008325 915 — $$0StatID:(DE-HGF)0111$2StatID$$aWoS$bScience Citation Index Expanded
000008325 915 — $$0StatID:(DE-HGF)1150$2StatID$$aDBCoverage$bCurrent Contents - Physical, Chemical and Earth Sciences
000008325 915 — $$0StatID:(DE-HGF)1160$2StatID$$aDBCoverage$bCurrent Contents - Engineering, Computing and Technology
```


Typische Normdatensätze für Grants

Information Usage statistics Files

631

Accelerator R & D

Coordinator Brinkmann, Reinhard

Grant period 2015 - 2019

Funding body Helmholtz Gemeinschaft Deutscher Forschungszentren

Categories Leistungskategorie I; Topic

Identifier G:(DE-HGF)POF3-631

 [Materie und Technologie](#) 

RECENT PUBLICATIONS

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Journal Article/Contribution to a conference proceedings
Kononenko, O.; Lopes, N. C.; Cole, J. M.; Kamperidis, C.; Mangles, S. P.; Najmudin, Z.; Osterhoff, J.; Palmer, C. A. J.; Poder, K.; Rusby, D.; Symes, D. R.; Warwick, J.; Wood, J. C.
2D hydrodynamic simulations of a variable length gas target for density down-ramp injection of electrons into a laser wakefield accelerator
European Advanced Accelerator Conference, EAAC, Isola d'Elba, Italy, 14 Sep 2015 - 18 Sep 2015
Nuclear Instruments & Methods in Physics Research / A -, (2016) [10.1016/j.nima.2016.03.104]  [arXiv:1603.03104](#)

Journal Article
Mehring, T. J.; Robson, R. E.; Erbe, J.-H.; Osterhoff, J.
Efficient numerical modelling of the emittance evolution of beams with finite energy spread in plasma wakefield accelerators
Nuclear Instruments & Methods in Physics Research / A ?, S0168900216001418 (2016) [10.1016/j.nima.2016.01.091]  [arXiv:1601.01091](#)

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000153252 001_ 153252
000153252 005_ 20150507130422.0
000153252 0247_ $$G:(DE-HGF)$$aG:(DE-HGF)POF3-631
000153252 035_ $$aG:(DE-HGF)POF3-631
000153252 150_ $$aAccelerator R & D$$xPOF III$$y2015 - 2019
000153252 371_ $$OP:(DE-H253)PIP1002844 $$aBrinkmann, Reinhard
000153252 372_ $$aPOF III$$e2015$$t2019
000153252 450_ $$HGF$$a631$$wd
000153252 450_ $$aBeschleunigerforschung und -Entwicklung $$iger$$wr
000153252 450_ $$aAccelerator Research and Development$$ieng$$wr
000153252 5101_ $$OI:(DE-588b)5165524-X$$aHelmholtz Gemeinschaft Deutscher Forschungszentren
000153252 550_ $$OG:(DE-HGF)POF3-630$$aMaterie und Technologie$$wt
000153252 750_7 $$OV:(DE-HGF)13$$2V:(DE-HGF)$$aLeistungskategorie I
000153252 750_7 $$OV:(DE-HGF)3$$2V:(DE-HGF)$$aTopic
000153252 751_7 $$2DE-HGF$$aIGN_4_I:(DE-H253)HASYLAB-20120731 [DESY]
000153252 751_7 $$2DE-HGF$$aIGN_4_I:(DE-H253)Extern-20130219 [DESY]
000153252 751_7 $$2DE-HGF$$aIGN_4_I:(DE-H253)EMBL-20120731 [DESY]
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000153252 980_ $$aG
000153252 980_ $$aAUTHORITY
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Information Usage statistics Files

EuPRAXIA

Proposal for a Horizon 2020 Design Study on the "European Plasma Research Accelerator with eXcellence In Applications" (EuPRAXIA)

Coordinator SCIENCE AND TECHNOLOGY FACILITIES COUNCIL / UNIVERSITA DEGLI STUDI DI ROMA LA SAPIENZA / UNIVERSITY OF STRATHCLYDE / THE UNIVERSITY OF LIVERPOOL / ISTITUTO NAZIONALE DI FISICA NUCLEARE / Société Civile Synchrotron SOLEIL / STIFTUNG DEUTSCHES ELEKTRONEN-SYNCHROTRON DESY / THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD / CONSIGLIO NAZIONALE DELLE RICERCHE / UNIVERSITAET HAMBURG / THE UNIVERSITY OF MANCHESTER / ASSOCIACAO DO INSTITUTO SUPERIOR TECNICO PARA A INVESTIGACAO E DESENVOLVIMENTO / AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE, L'ENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE / CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE / COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES / IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

Grant period 2015-11-01 - 2019-10-31

Funding body European Union

Horizon 2020 Framework Programme

Call number H2020-INFRADEV-1-2014-1

Grant number 653782

Identifier G:(EU-Grant)653782

RECENT PUBLICATIONS

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Talk (non-conference) (Plenary/Keynote)
Assmann, R.
EuPRAXIA Kick-Off-Meeting
H2020 EuPRAXIA Kick-Off-Meeting, Hamburg, DESY, DESY, Germany, 26 Nov 2015 - 27 Nov 2015 (2015)

Conference Presentation (Invited)
Assmann, R.
The EuPRAXIA Project: a european plasma accelerator
Annual meeting IZEST, Palaiseau Cedex, Laboratoire des physique des plasmas, France, 15 Oct 2015 - 16 Oct 2015 (2015)

- Abbildung von Strukturen, wie übergeordnete Grants
- Verknüpfung zu bibliografischen Records
- Enthält Zuordnungen, wie Sprecher, Institute, etc.
- ID-suchbar

statURL.py: Vorauswahl der Statistik



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DESY Publication Database



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POF Period:

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Calculation of: ☒ POF ☒ Institutes ☐ Grants ☐ Experiments

- Welches Jahr, welcher Zeitraum?
- Ist mindestens ein interner Autor dabei?
- Ist mindestens ein externer Autor dabei?
- Auswahl der POF-Periode (POF I-III)
- Will man auch noch nicht von der Bibliothek freigegebene Publikationen zählen?
- Welche Kategorie? (Forschungsbereich, Programm, Topic, Subtopic)
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HGFStatistics2: Das Statistik-Tool von Join²

HGFStatistics for 2016 with at least one DESY author in POF 3

39819 records in collection "VDB"
1662 records relevant for "WEB 2016"

Export on Export off

Per statistics key

567	records	ISI + Scopus (POF3)	(POF3)
549	records	WOS listed journal OR entry (POF2)	(WOS_UT)
568	records	All of WoS and Scopus listed	(All_WOS_Scopus)
545	records	Scopus listed	(Scopus)
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524	records	JCR listed	(JCR)
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543	records	Web of Science	(WOS)
149	records	Other refereed	(OtherRef)
9	records	Refereed NOT in WoS	(OtherNonWoS)
576	records	All refereed	(Ref_all)
545	records	Pubmed listed	(Medline)
121	records	DOAJ listed	(DOAJ)

Per document type

1	of type	Abstract
26	of type	Dissertation / PhD Thesis
297	of type	Internal Report
612	of type	Journal Article
8	of type	Lecture

Zusammenfassung: Überblick der Einrichtung

- Aufschlüsselung nach Statistikschlüssel
- Aufschlüsselung nach Publikationstypen
- Erfassung erfolgt über „WEB“-Jahr (wissenschaftlicher Ergebnisbericht)
- Zahlen sind Hyperlinks und führen zu den Suchanfragen gegen die Datenbank

567	records	ISI + Scopus (POF3)	(POF3)	EndNote Text EndNote XML RIS BibTeX
549	records	WOS listed journal OR entry (POF2)	(WOS_UT)	EndNote Text EndNote XML RIS BibTeX
568	records	All of WoS and Scopus listed	(All_WOS_Scopus)	EndNote Text EndNote XML RIS BibTeX
545	records	Scopus listed	(Scopus)	EndNote Text EndNote XML RIS BibTeX
548	records	Thomson Reuters Master Journal List	(TRMJL)	EndNote Text EndNote XML RIS BibTeX

- Anzeige und Auswahl gängiger Ausgabe-Formate (EndNote, BibTeX, RIS)

HGFStatistics2: Klick auf ISI + Scopus (POF3)



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Search:

(9101_k:"desy" and collection:"VDB" and web:"2015") [any field] Search

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*** any public collection ***

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PUBDB

870 records found 1 - 10 jump to record: 1

Search took 0.11 seconds.

- ☐ 1. **OPEN ACCESS** [PUBDB-2016-01249] Journal Article/Internal Report
Benayoun, M. ; David, P. ; DelBuono, L. ; et al
Muon g - 2 estimates: can one trust effective Lagrangians and global fits?
[LPNHE-2015-01; HU-EP-15-32; DESY-15-116; arXiv:1507.02943]
The European physical journal / C 75(12), 613 (2015) [10.1140/epjc/s10052-015-3830-x] [LIBRARIES FOR](#)
OpenAccess: PDF (PDF) PDF (PDF) PDF (PDF)
Detailed record - Similar records
- ☐ 2. [PUBDB-2016-01154] Journal Article
Teschner, J. ; Vartanov, G. S.
Supersymmetric gauge theories, quantization of $\mathcal{M}_{\text{flat}}$, and conformal field theory
Advances in theoretical and mathematical physics 19(1), 1 - 135 (2015) [10.4310/ATMP.2015.v19.n1.a1] [LIBRARIES FOR](#)
Restricted: PDF (PDF) PDF (PDF) PDF (PDF)
Detailed record - Similar records
- ☐ 3. [PUBDB-2016-00845] Journal Article
Grzesiak-Nowak, M. ; Appleby, G. ; Lasocha, W.
Powder diffraction and synchrotron radiation, a powerful tool in the investigation of new compounds: CdBr₂(3-fluoroaniline)₂ and CdBr₂(4-fluoroaniline)₂
X-ray spectrometry 44(5), 398 - 403 (2015) [10.1002/xrs.2647] special issue: "10th Jubilee National Symposium of Synchrotron Radiation", [LIBRARIES FOR](#)
Using synchrotron powder diffraction data, two new complexes of CdBr₂ with 3-fluoroaniline and 4-fluoroaniline were fully characterised with regard to their structure. Their crystal structures were solved and refined by means of powder diffraction techniques. [...]
External link: Fulltext
Detailed record - Similar records
- ☐ 4. **OPEN ACCESS** [PUBDB-2016-00827] Journal Article
Bartels, M. ; Krenkel, M. ; Haber, J. ; et al
X-Ray Holographic Imaging of Hydrated Biological Cells in Solution
Physical review letters 114(4), 048103 (2015) [10.1103/PhysRevLett.114.048103] [LIBRARIES FOR](#)
We demonstrate nanoscale x-ray holographic imaging using optimized illumination wave fronts emitted by x-ray waveguide channels. Mode filtering minimizes wave-front distortions and artifacts encountered in most hard x-ray focusing schemes, enabling quantitative reconstruction of the projected density, as evidenced by a test pattern imaged with a field of view of about 20x40 μm and at 22 nm resolution. [...]

Beispiel einer Query (Link):

- Suche nach Schlüssel oder Kombinationen daraus, Schlüssel für mindestens einen internen Autor, Collection (VDB), WEB-Jahr
- Auflistung aller zutreffenden Publikationen in Kurzanzeige
- Möglichkeit anderer Ausgabe-Formate für Listen in diversen Literatur-Verwaltungsprogrammen (EndNote, JabRef, Zotero, etc.)



HGFStatistics2: Ausführliche Statistiken

Per program and statistics key

	ISI + Scopus (POF3)	WOS listed journal OR entry (POF2)	All of WoS and Scopus listed	Scopus listed	Thomson Reuters Master Journal List	JCR listed	WOS and not JCR	Web of Science	Other refereed	Refereed NOT in WoS	All refereed	Pubmed listed	DOAJ listed
610 - Materie und Universum (POF III: 2015 - 2019)	365	361	365	351	361	348	13	361	93	0	365	351	73
620 - Von Materie zu Materialien und Leben (POF III: 2015 - 2019)	176	163	177	169	162	152	6	158	52	9	185	169	39
630 - Materie und Technologie (POF III: 2015 - 2019)	18	17	18	17									
890 - ohne Programm (POF III: 2014 - 2019)	10	10	10	10									

Per institute and document type

	Abstract	Dissertation / PhD Thesis	Internal Report	Journal Article	Lecture	Master Thesis	Bachelor Thesis	Poster	Preprint	Proceedings	Report	Book	Talk (non-conference)	Conference Presentation	Contribution to a book	Contribution to a conference proceedings
ALPS	0	0	2	6	0	0	0	0	4	1	6	0	3	7	0	0
Extern	0	0	1	78	0	0	1	0	0	0	2	1	0	1	1	3
ATLAS	0	2	104	99	0	0	0	1	89	1	89	3	0	4	0	2
ZEUS	0	1	9	14	0	0	0	0	7	0	10	0	0	8	0	6
DIR	0	0	0	1	0	0	0	0	0	0	13	0	0	0	0	0
V	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
CMS	0	9	75	100	0	0	1	5	82	2	113	6	0	63	0	11
H1	0	0	2	8	0	0	0	0	2	0	4	0	1	12	0	5
CFEL	1	2	0	58	2	1	1	0	1	0	7	0	6	14	7	11
XFEL.EU	0	0	2	19	0	0	0	0	4	0	3	0	0	0	1	0
Electronics Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Weitere Teile: Überblick der POF-Programme, Gruppen, Grants oder Experimente:

- Aufschlüsselung aller relevanter Publikationstypen / statistischen Schlüssel
- Unbenutzte Publikationstypen / Schlüssel fallen raus
- Komplette als Hyperlinks zu den Suchabfragen aufgebaut

Zusammenfassung und Schlusswort



- HGFStatistics2 ist ein mächtiges Tool zur Erfassung der Publikationen für den Zentrenfortschrittsbericht der HGF sowie für interne Auswertungen
- Voraussetzungen: Normdatensätze, sowie angereicherte Metadaten
- Retrospektive Auswertungen möglich bzw. üblich bei Übergängen zu neuer POF
- Qualität der Daten wird u.a. durch DOI-Import gewährleistet
- Komplizierte Suchen werden einfach und übersichtlich dargestellt!
- Auswertungen auch nach Gruppen, Grants oder Experimenten möglich
- Geplante Designverbesserungen angedacht
- Implementierung von POF IV

<https://bib-pubdb1.desy.de/record/315261>

