The Institution of Engineering and Technology

Inspec Analytics

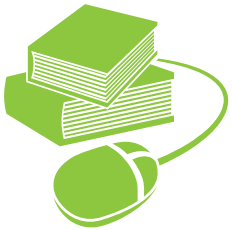
A new way to visualise your Institutional Research

Mike Petersen

Physics	Electrical and electronic engineering	Computing and control engineering	Information technology	Production, manufacturing & mech. engineering
9.84 million	7.1 million	5.3 million	113K	2.1 million

18M

records (June 2018)

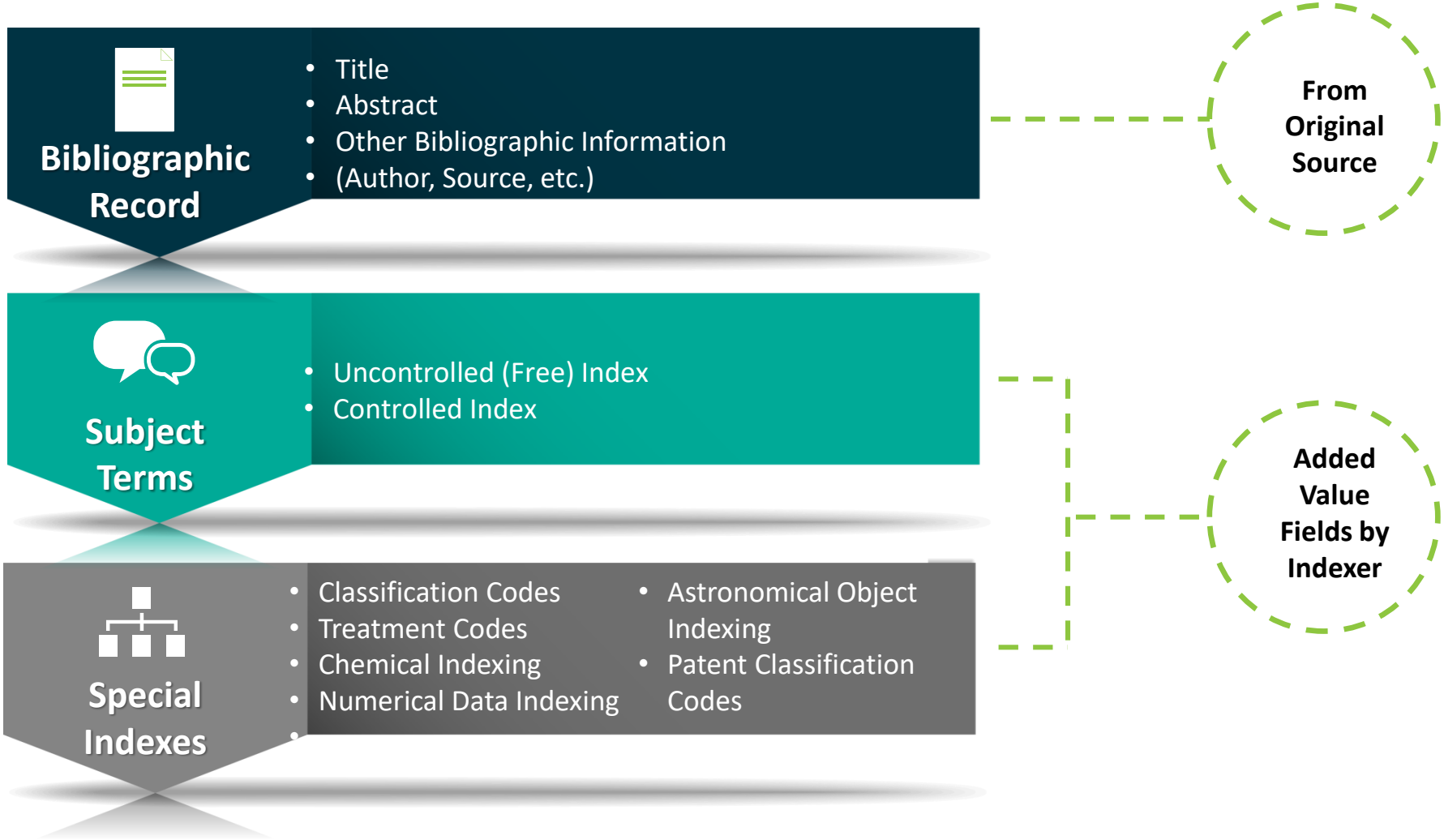


- **850,000** records added in 2017
- **c. 47% of records added in last 10 years**
- Over **4,500** journals, and **6,000** other publications from 525 publishers

1969 — 15 — To date

- Or **1898** with the Archive

Record Breakdown



Indexing

Title: Branching fraction measurements of $B \rightarrow \eta_c K$ decays

Affiliation(s): 1. BABAR Collaboration, SLAC, Stanford Univ., CA, USA
Journal: Physical Review D, vol.70, no.1, p.11101-1-8
Publication Date: 1 July 2004
Publisher: APS through AIP , USA
ISSN: 0556-2821 (print)
JIN: J651
CODEN: PRVDAQ
SICI: 0556-2821(20040701)70:1L.11101:BFMB;1-V
CCCC: 0556-2821/2004/70(1)/011101(8)/$22.50
DOI: 10.1103/PhysRevD.70.011101
Language: English

Author(s): Aubert, B.[1]; Barate, R.[1]; Boutigny, D.[1]; Couderc, F.[1]; Gaillard, J.-M.[1]; Hicheur, A.[1]; Karyotakis, Y.[1]; Lees, J. P.[1]; Tisserand, V.[1];

Abstract: We study the decays $B^+ \rightarrow \eta_c K^+$ and $B^0 \rightarrow \eta_c K^0$, where the η_c is reconstructed in the $K_S^0 K^\pm \pi^\mp$ and $K^+ K^- \pi^0$ decay modes. Results are based on a sample of 86 million BB pairs collected with the BABAR detector at the SLAC e^+e^- B Factory. We measure the product of branching fractions $\mathcal{B}(B^+ \rightarrow \eta_c K^+) \times \mathcal{B}(\eta_c \rightarrow K^+ K^- \pi^0) = (7.40 \pm 0.50 \pm 0.70) \times 10^{-5}$ and

Free Indexing: B+ decay into etac+kaon+; B0 decay into etac+kaon0; B-antiB pairs; etac decay into kaon+antikaon+pion; B decay into etac+kaon+; etac decay into kaon+-kaon-; etac decay into phi+phi; branching fraction; decay; phi mesons; pion production.

Controlled Indexing: B mesons; eta mesons; kaon production; meson hadronic interactions; 13.25.Hw Hadronic decays of mesons; A1440M a and B mesons; A1440K rho, omega, and eta mesons; A1440N psi/J, upsilon, phi mesons

Semantic Linking

Title: Branching fraction measurements of $B \to \eta_c K$ decays

Author(s): Aubert, B.; Barate, R.; Boutigny, D.; Couderc, F.; Gaillard, J.-M.; Hicheur, A.; Karyotakis, Y.; Lees, J. P.; Tisserand, V.;

Affiliation(s): BABAR Collaboration, SLAC, Stanford Univ., CA, USA

Journal: Physical Review D

Abstract: We study the decays $B^+ \to \eta_c K^+$ and $B^0 \to \eta_c K^0$, where the η_c is reconstructed in the $K_S^0 K^\pm \pi^\mp$ and $K^+ K^- \pi^0$ decay modes. Results are based on a sample of 86 million BB pairs collected with the BABAR detector at the SLAC e^+e^- B Factory. We measure the product of branching fractions $B(B^+ \to \eta_c K^+) \times B(\eta_c \to K\bar{K}\pi) = (7.40 \pm 0.50 \pm 0.70) \times 10^{-5}$ and $B(B^0 \to \eta_c K^0) \times B(\eta_c \to K\bar{K}\pi) = (6.48 \pm 0.85 \pm 0.71) \times 10^{-5}$, where the first error is statistical and the second is systematic. In addition, we search for $B \to \eta_c K$ events with $\eta_c \to 2(K^+K^-)$ and $\eta_c \to \phi\phi$ and determine the η_c decay branching fraction ratios $B(\eta_c \to 2(K^+K^-))/B(\eta_c \to K\bar{K}\pi) = (2.3 \pm 0.7 \pm 0.6) \times 10^{-2}$ and $B(\eta_c \to \phi\phi)/B(\eta_c \to K\bar{K}\pi) = (5.5 \pm 1.4 \pm 0.5) \times 10^{-2}$. (20 refs.)

Located In

Located In

Affiliated With

Author Of

Published In

Free Indexing: B^+ decay into etac+kaon+; B0 decay into etac+kaon0; B-antiB pairs; etac decay into kaon+antikaon+pion; B decay into etac+kaon; etac decay into kaon+-kaon-; etac decay into phi+phi; branching fraction

Controlled indexing: B mesons; eta mesons; kaon production; meson hadronic decay; phi mesons; pion production.

Classification: A1325 Hadronic decays of mesons; A1440M a and B mesons; A1440K rho, omega, and eta mesons; A1440N psi/J, upsilon, phi mesons

Is Controlled Term Of

Is Classification Code Of

B mesons;

eta mesons;

kaon production;

meson hadronic decay;

phi mesons;

pion production

A1325 Hadronic decays of mesons

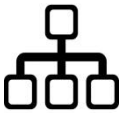
A1440M a and B mesons

A1440K rho, omega, & eta mesons

A1440N psi/J, upsilon, phi mesons

Inspec Analytics

Create competitive advantage



- Show areas of strength in research in Engineering, Physics & Computing

- Explore how research output changed over the last 5 years (3.75m articles)

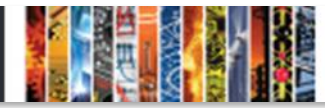
- See which universities have been publishing more, on which topics

- Recent hot topics (keyword analysis of new papers published recently)

- Visual, intuitive display allows you to easily compare institutions

- Drill-down 5 levels in subject classifications –
  - See trends in research
  - Identify untapped scientific areas to explore
  - Explore relationships

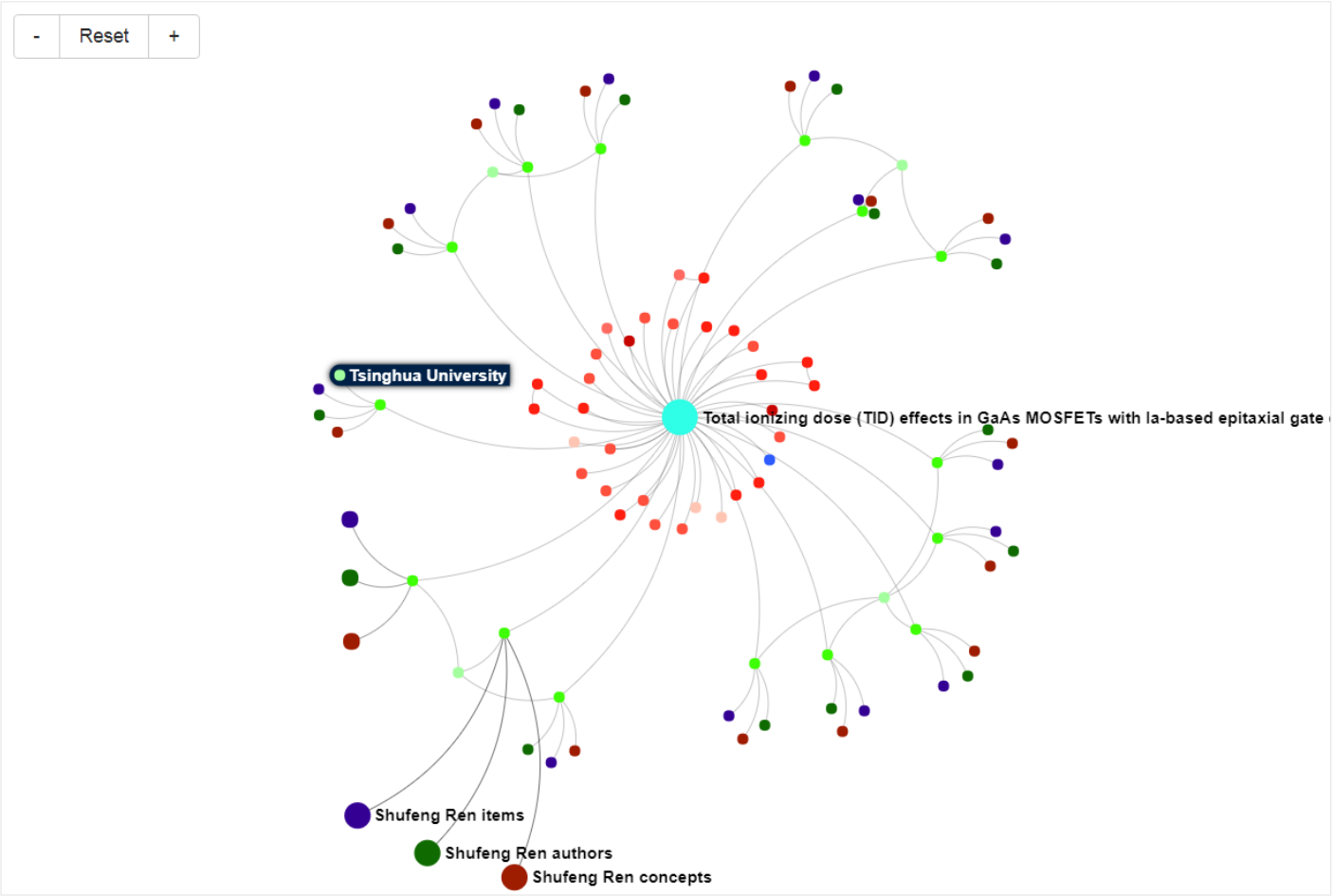
- Identify government bodies and corporations to collaborate with



Understand article-level relationships with Article Graphs

Inspec Plus Home

Total ionizing dose (TID) effects in GaAs MOSFETs with la-based epitaxial gate dielectrics

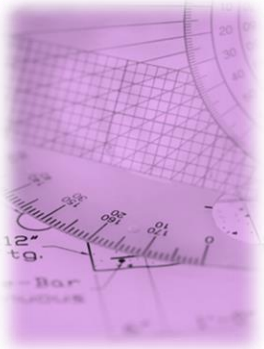


Click nodes in the graph to view more information.

Inspec Plus © The IET 2017

Visualise and navigate institution/ author/ specialty relationships at the article level

Questions?



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