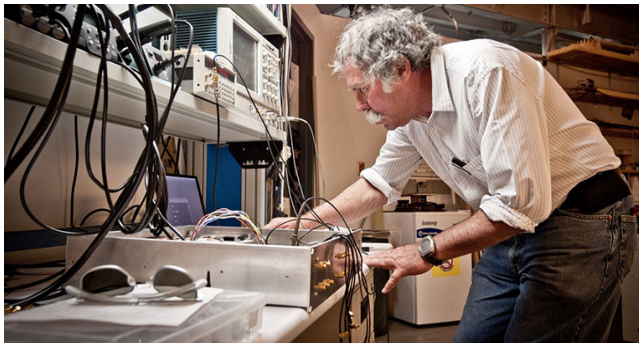


Finding Physics Papers



*"Six months in the lab can save you
a day in the library."*

Dr. Albert Migliori, Physics Illinois M.S. and Ph.D

© 2020 The Board of Trustees of the University of Illinois
All rights reserved.

Celia M. Elliott
cmelliott@illinois.edu



1

Most of what you learn in your career will come from papers, not classes

Physics & Astronomy Library

Electronic Resources | Handbooks & Reference Resources | Reserves | Web Resources

Physics & Astronomy Library > Electronic Resources

Electronic Resources

New Graduate Student Resource Guides

- Astronomy Information Resources
- Physics Information Resources

Article Databases

- SCOPUS
- ARIBIB (Astronomisches Rechen-Institut Bibliographical Database for Astronomical References)
- arXiv.org E-Print Archive
- Astrophysical Data System (ADS)
- INSPEC (Physics Abstracts 1895-)
- INSPIRES High Energy Physics Database
- Web of Science
- Database of Observatory Publications
- SciTech Connect
- Department of Energy Pages: Public Access Gateway for Energy & Science

Full-Text Portals

- IEEE/JEE Full-Text
- AIP Scitation
- AIP Scitation User Guide (pdf)

Contact

Mary C. Schlenbach
Physics Librarian
Email: schlenba@illinois.edu
Phone: [217.233.3158](tel:217.233.3158)

Departments Served

- Department of Physics
- Department of Astronomy

<http://library.illinois.edu/phx>

2

Electronic resources have revolutionized information gathering...



Thanks to Prof. Cooper, who shared this cartoon.

"If Prince Charming wants to find out who fits the glass slipper, wouldn't it be faster to use the Internet?"

...but you have to know how and where to search

3

What you want to find determines where to look...

What field?

General or specialized?

Specific author?

"Results" or "review" paper?

Peer-reviewed or breaking news?

Patent or technical report?

4

Finding relevant literature is a vital skill for physicists

Get familiar with the databases (DBs)* for the peer-reviewed literature

General: [Scopus](#), [Web of Science](#), [Engr Village](#)

Astro: [Astrophysical Data System \(ADS\)](#)

INSPEC: Physics abstracts, from 1895

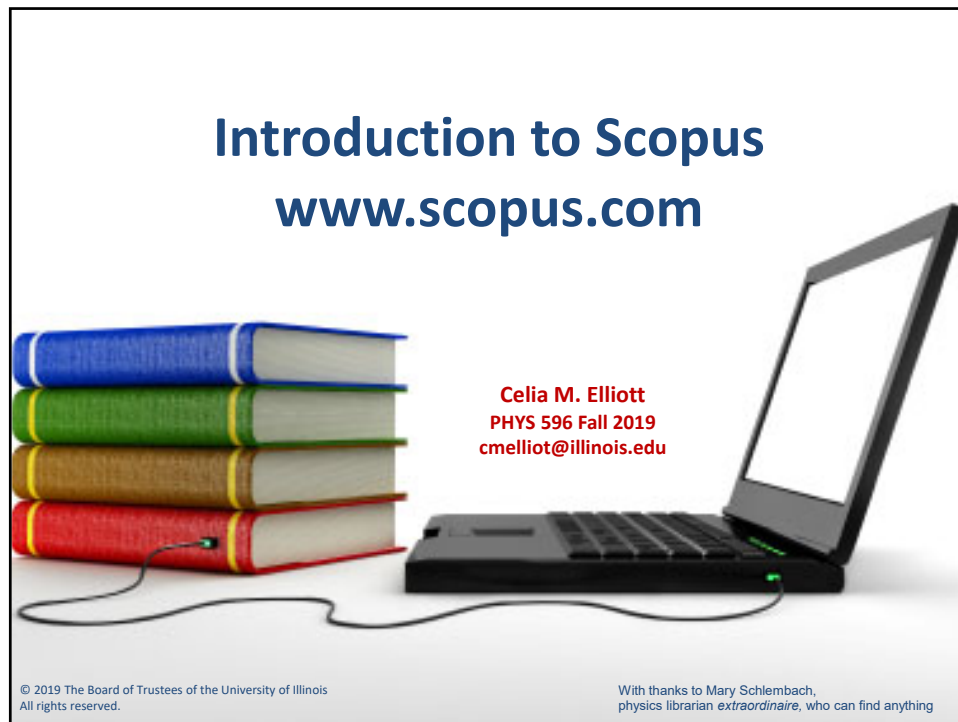
INSPIRES: [High energy physics](#)

DOE pubs & funded papers: [SciTech Connect](#)

US Patents: [USPTO](#)

***Yes, you can use Google, or even Google Scholar, but you're grown-ups now**

5



1

What is Scopus? www.scopus.com

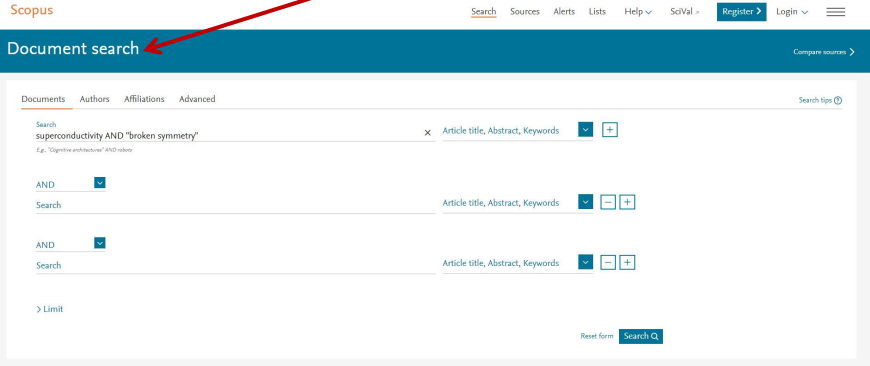
Largest abstract & citation database of curated international peer-reviewed literature

- 22 000 peer-reviewed journals
- 360 trade publications
- 120 000 books (with 10 000 added/year)
- >70 million records, back to 1788
- 6.4 million conf papers from proceedings & jrnl
- 350 million scientific web pages indexed by Scirus
- 25.2 million patent records
- “Articles-in-Press” from >3850 journals

2

Searching for a topic

Use the "Document search" tab (default)

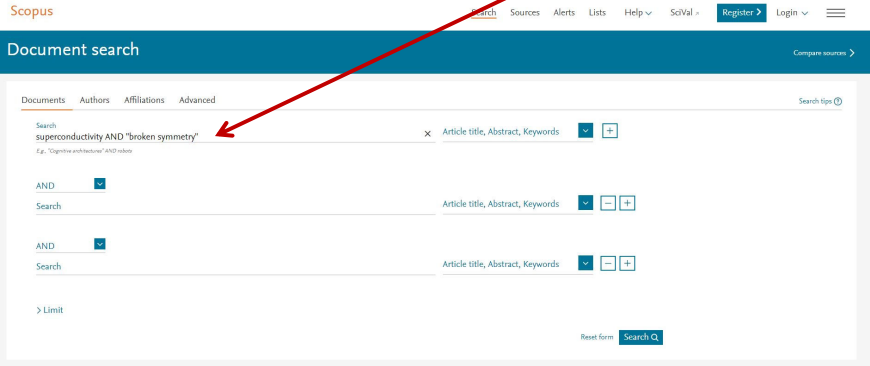


The screenshot shows the Scopus search interface. At the top, there is a navigation bar with 'Scopus' on the left and 'Search Sources Alerts Lists Help ScVal Register Login' on the right. Below this is a dark blue header with 'Document search' on the left and 'Compare sources' on the right. Underneath, there are tabs for 'Documents', 'Authors', 'Affiliations', and 'Advanced'. The 'Documents' tab is selected. The search area contains a search bar with the text 'superconductivity AND "broken symmetry"' and a dropdown menu set to 'Article title, Abstract, Keywords'. Below the search bar are two 'AND' sections, each with a search input field and a dropdown menu set to 'Article title, Abstract, Keywords'. At the bottom right, there are 'Reset form' and 'Search Q' buttons.

3

Searching for a topic

Type in key words



The screenshot shows the Scopus search interface, identical to the one above. A red arrow points to the search bar containing the text 'superconductivity AND "broken symmetry"'. The rest of the interface, including the navigation bar, tabs, and search options, is the same as in the previous image.

4

Searching for a topic

Use Boolean operators to add or narrow terms, or add more search fields

The screenshot shows the Scopus Document search interface. The search bar contains the query "superconductivity AND 'broken symmetry'". Below the search bar, there are three search fields, each with a dropdown menu set to "AND" and a search type dropdown set to "Article title, Abstract, Keywords". A red arrow points from the text "Use Boolean operators to add or narrow terms, or add more search fields" to the "AND" dropdown menu. Another red arrow points from the same text to the "+" button next to the search type dropdown. A third red arrow points from the text "Or use the 'add field' button" to the "+" button next to the search type dropdown.

Or use the "add field" button

5

Searching for a topic

Use quotation marks to search for exact phrases

The screenshot shows the Scopus Document search interface. The search bar contains the query "superconductivity AND 'broken symmetry'". A red arrow points from the text "Use quotation marks to search for exact phrases" to the quotation marks around "broken symmetry" in the search bar.

6

Searching for a topic

Use the drop-down menus to specify where to search

The screenshot shows the Scopus Document search page. The search query is "superconductivity AND broken symmetry". Below the query, there are three AND search filters, each with a search input field and a dropdown menu set to "Article title, Abstract, Keywords". A red arrow points to the first dropdown menu. At the bottom, there is a "Limit" link and a "Search Q" button.

7

Searching for a topic

Use the "Limit" link to specify a date range

The screenshot shows the Scopus Document search page with the "Limit" section expanded. The "Limit" link is circled in red, and a red arrow points to it. The "Date range (inclusive)" section has two radio buttons: "Published" (selected) and "Added to Scopus in the last 7 days". The "Published" option is set to "All years" to "Present". The "Document type" is set to "ALL" and the "Access type" is set to "All".

8

Searching for a topic

The screenshot shows the Scopus search interface. At the top, there are navigation links: Search, Sources, Alerts, Lists, Help, SciVal, Register, and Login. Below this is the 'Document search' section. The search query is 'superconductivity AND "broken symmetry"'. There are three search input fields, each with a dropdown menu set to 'Article title, Abstract, Keywords'. Below the search fields, there is a 'Limit' link circled in red. To the right of this link, a red arrow points to the text 'Use the "Limit" link to specify a date range or document or access type (open access)'. Below the 'Limit' link, there are three filter sections: 'Date range (inclusive)' with options for 'Published' (set to 'All years') and 'Added to Scopus in the last' (set to '7 days'); 'Document type' set to 'ALL'; and 'Access type' set to 'All'.

9

Results can be refined by many search parameters

The screenshot shows the Scopus search results page for the query 'superconductivity AND "broken symmetry"'. The page displays '164 document results'. On the left side, there is a 'Refine results' panel with three main sections: 'Access type', 'Year', and 'Author name'. Each section has a 'Limit or Exclude' button. Red arrows point from the text 'Limit or Exclude by access type', 'by year', and 'by author(s)' to the respective sections in the 'Refine results' panel. The main results area shows a table with columns for Document title, Authors, Year, Source, and Cited by. The first three results are visible:

Document title	Authors	Year	Source	Cited by
1 Evidence of cosmic strings by the observation of the alignment of quasar polarization axes on Mpc scale	Slagter, R.J.	2018	International Journal of Modern Physics D 27(9),1850094	0
2 Quantum Multicriticality near the Dirac-Semimetal to Band-Insulator Critical Point in Two Dimensions: A Controlled Ascent from One Dimension	Roy, B., Foster, M.S.	2018	Physical Review X 8(1),011049	2
3 Two-stage multipolar ordering in PVTAl2O Kondo materials	Freyer, F., Atig, J., Lee, S., (...), Trebst, S., Kim, Y.B.	2018	Physical Review B 97(11),115111	0

10

Results can be automatically analyzed by clicking the link

The screenshot shows the Scopus search results page for the query "TITLE-ABS-KEY (superconductivity AND broken symmetry)". The page displays 164 document results. A red arrow points to the "Analyze search results" button in the top navigation bar. Below the search bar, there are options to refine results by access type, year, and author name. The main results table shows four documents with their titles, authors, years, sources, and citation counts.

Document title	Authors	Year	Source	Cited by
1 Evidence of cosmic strings by the observation of the alignment of quasar polarization axes on Mpc scale	Slagter, M.J.	2018	International Journal of Modern Physics D 27(9),1850094	0
2 Quantum Multicriticality near the Dirac-Semimetal to Band-Insulator Critical Point in Two Dimensions: A Controlled Ascent from One Dimension	Roy, B., Foster, M.S.	2018	Physical Review X 8(1),011049	2
3 Two-stage multipolar ordering in Pt2Al2O Kondo materials	Freire, F., Abig, J., Lee, S., (...), Trebst, S., Kim, Y.B.	2018	Physical Review B 97(11),115111	0
4 Magnetic and Nematic Orders of the Two-Dimensional Electron Gas at Oxide (111) Surfaces and Interfaces	Boudjada, N., Wachtel, G., Paramakanti, A.	2018	Physical Review Letters 120(8),086802	2

11

And Scopus will analyze the results in many different ways

The screenshot shows the Scopus search results page for the query "TITLE-ABS-KEY (superconductivity AND broken symmetry)". The page displays 164 document results. Below the search bar, there are options to refine results by access type, year, and author name. The main results table shows four documents with their titles, authors, years, sources, and citation counts. Below the table, there are several charts showing the analysis of the results in different ways: by affiliation, by year, by source, by author, by country, by doc type, and by subject.

by affiliation

Affiliation	Documents
Broadband National Laboratory	10
University of Tokyo	9
Los Alamos National Laboratory	7
Stanford University	7
National Institute of Advanced Industrial Science and Technology	6
University of Alberta, Edmonton, Alberta, Canada	6
University of Toronto	6
Chinese Academy of Sciences	5
Joint Institute for Nuclear Research, Dubna	5

by year

by source

by author

by country

by doc type

by subject

12

Click on the title in the "results" list

Scopus Search Sources Alerts Lists Help SciVal Register Login

164 document results View secondary documents View 6 patent results View 4 Mendely Data

TITLE-ABS-KEY (superconductivity AND "broken symmetry")

Search within results... Analyze search results Show all abstracts Sort on: Date (newest)

Refine results: Limit to Exclude

Access type: Open Access (5), Other (159)

Year: 2018 (5), 2017 (20), 2016 (10), 2015 (9)

Document title	Authors	Year	Source	Cited by
1 Evidence of cosmic strings by the observation of the alignment of quasar polarization axes on Mpc scale	Sluiter, R.J.	2018	International Journal of Modern Physics D 27(9),1850094	0
2 Quantum Multicriticality near the Dirac-Semimetal to Band-Insulator Critical Point in Two Dimensions: A Controlled Ascent from One Dimension	Roy, B., Foster, M.S.	2018	Physical Review X 8(1),011049	2

13

Abstract, metrics, citing docs, related docs, keywords, all references

Scopus Search Sources Alerts Lists Help SciVal Register Login

Document details

Physical Review X, Open Access
 Volume 8, Issue 1, 26 March 2018, Article number 011049

Quantum Multicriticality near the Dirac-Semimetal to Band-Insulator Critical Point in Two Dimensions: A Controlled Ascent from One Dimension (Article) (Open Access)

Roy, B., Foster, M.S.P.

Department of Physics and Astronomy, Rice University, Houston, TX 77005, United States
 Rice Center for Quantum Materials, Rice University, Houston, TX 77005, United States

Abstract: We compute the effects of generic short-range interactions on gapless electrons residing at the quantum critical point separating a two-dimensional Dirac semimetal and a symmetry-preserving band insulator. The electronic dispersion at this critical point is anisotropic $E(\mathbf{k})=v_0k_x + v_1k_y^2 + v_2k_z^2$ with $v_2 \neq 0$, which results in unconventional scaling of thermodynamic and transport quantities. Because of the vanishing density of states $\rho(E) \sim |E|^{-1/2}$, this anisotropic semimetal (ASM) is stable against weak short-range interactions. However, for stronger interactions, the direct Dirac-semimetal to band-insulator transition can either (i) become a fluctuation-driven first-order transition (through unlikey in a particular microscopic model considered here; the anisotropic honeycomb lattice extended Hubbard model) or (ii) get avoided by an intervening broken-symmetry phase. We perform a controlled renormalization group analysis with the small parameter $\epsilon = 4 - d$, augmented with a $1/\epsilon$ expansion (parametrically suppressing quantum fluctuations in the higher dimension) by perturbing away from the one-dimensional limit, realized by setting $\epsilon = 0$ and $v_2 = 0$. We identify charge density wave (CDW), antiferromagnet (AFM), and singlet s-wave superconductivity as the three dominant candidates for broken symmetry. The onset of any such order at strong coupling in $\epsilon = 0$ takes place through a continuous quantum phase transition across an interacting multicritical point, where the ordered phases, band insulator, Dirac, and anisotropic semimetal meet. We also present the phase diagram of an extended Hubbard model for the ASM, obtained via the controlled deformation of its counterpart in one dimension. The latter displays spin-charge separation and instabilities to CDW, spin density waves, and Luther-Emery liquid phases at arbitrarily weak coupling. The spin density wave and Luther-Emery liquid phases deform into pseudospin SU(2)-symmetric quantum critical points separating the ASM from the AFM and superconducting orders, respectively. Our phase diagram shows an intriguing interplay among CDW, AFM, and s-wave paired states that can be germane for a uniaxially strained optical honeycomb lattice for ultracold fermion atoms, or the organic compound $\text{SrEDCl}_2\text{Te}_2\text{O}_7$. © 2018 authors. Published by the American Physical Society.

Reaxys Database Information: View Compound

Indexed keywords: Engineering controlled terms: Anisotropy, Charge density, Charge density waves, Corundum, Density optical, Honeycomb structure, Hubbard model, Metalloid, Optical lattice, Phase diagrams, Quantum electron, Separation, Shear waves, Spin density wave, Statistical mechanics

Metrics: 2 Citations in Scopus, 4.92 Field-Weighted Citation Impact

link for citing docs

Cited by 2 documents

Phase transition with trivial quantum criticality in an anisotropic Weyl semimetal
 Li, X., Wang, J., Li, G.-Z. (2018) Physical Review B

Itinerant quantum multicriticality of two-dimensional Dirac fermions
 Roy, B., Goswami, P., Juricic, V. (2018) Physical Review B

Related documents

Itinerant quantum multicriticality of two-dimensional Dirac fermions
 Roy, B., Goswami, P., Juricic, V. (2018) Physical Review B

Emergent Non-Fermi-Liquid at the Quantum Critical Point of a Topological Phase Transition in Two Dimensions

scroll down for all 107 refs ↓

14

You can also access the full text for most papers

Scopus Search Sources Alerts Lists Help v ScVal v Register Login v

Document details

< Back to results | < Previous 2 of 144 Next >

Export Download Print E-mail Save to PDF Add to List More...>

Download Article Download Article **← “View at Publisher” link** View at Publisher

Physical Review X Open Access
Volume 8, Issue 1, 26 March 2018, Article number 011049

Quantum Multicriticality near the Dirac-Semimetal to Band-Insulator Critical Point in Two Dimensions: A Controlled Ascent from One Dimension
(Article) (Open Access)

Roy, B., Foster, M.S.¹

¹Department of Physics and Astronomy, Rice University, Houston, TX 77005, United States
²Rice Center for Quantum Materials, Rice University, Houston, TX 77005, United States

Abstract

We compute the effects of generic short-range interactions on gapless electrons residing at the quantum critical point separating a two-dimensional Dirac semimetal and a symmetry-preserving band insulator. The electronic dispersion at this critical point is anisotropic ($E_k = \pm \sqrt{v^2 k_x^2 + W^2 k_y^2}$ with $n=2$), which results in unconventional scaling of thermodynamic and transport quantities. Because of the vanishing density of states ($\rho(E) \sim |E|^{n-1}$), this anisotropic semimetal (ASM) is stable against weak short-range interactions. However, for stronger interactions, the direct Dirac-semimetal to band-insulator transition can either (i) become a fluctuation-driven first-order transition (although unlikely in a particular microscopic model considered here, the anisotropic honeycomb lattice extended Hubbard model) or (ii) get avoided by an intervening broken-symmetry phase. We perform a controlled renormalization group analysis with the small parameter $\epsilon = 1/n$, augmented with a $1/n$ expansion (parametrically suppressing quantum fluctuations in the higher dimension) by perturbing away from the one-dimensional limit, realized by setting $\epsilon = 0$ and $n \rightarrow \infty$. We identify charge density wave (CDW), antiferromagnet (AFM), and singlet s-wave superconductivity as the three dominant candidates for broken symmetry. The onset of any such order at strong coupling ($\epsilon < 0$) takes place through a continuous quantum phase transition across an interacting multicritical point, where the ordered phase, band insulator, Dirac, and anisotropic semimetal meet. We also present the phase diagram of an extended Hubbard model for the ASM, obtained via the controlled deformation of its counterpart in one dimension. The latter displays spin-charge separation and instabilities to CDW, spin density wave, and Luther-Emery liquid phases at arbitrarily weak coupling. The spin density wave and Luther-Emery liquid phases deform into pseudospin SU(2)-symmetric quantum critical points separating the ASM from the AFM and superconducting orders, respectively. Our phase diagram shows an intriguing interplay among CDW, AFM, and s-wave paired states that can be germane for a uniaxially strained optical honeycomb lattice for ultracold fermion atoms, or the organic compound $\text{Gd}(\text{BEDT-TTF})_2$. © 2018 authors. Published by the American Physical Society.

Reprints Database Information

View Compound

Indexed keywords

Engineering controlled terms: Anisotropy Charge density Charge density wave Corundum Density optical Honeycomb structures Hubbard model Metalloid Optical lattices Phase diagrams Quantum electronics Separation Shear waves Spin density wave Statistical mechanics

Metrics

269 Citations in Scopus
4.92 Field-Weighted Citation Impact

PluX Metrics
Deep, Capture, Monitor, Social Media and Custom based Scopus

Cited by 2 documents

Phase transition with trivial quantum criticality in an anisotropic Weyl semimetal
Lu, X., Wang, J.-R., Liu, G.-Z., (2018) Physical Review B

Itinerant quantum multicriticality of two-dimensional Dirac fermions
Roy, B., Goswami, P., Jun62, V., (2018) Physical Review B

View all 2 citing documents

Inform me when this document is cited in Scopus:
Set citation alert? Set citation feed?

Related documents

Itinerant quantum multicriticality of two-dimensional Dirac fermions
Roy, B., Goswami, P., Jun62, V., (2018) Physical Review B

Emergent Non-Fermi-Liquid at the Quantum Critical Point of a Topological Phase Transition in Two Dimensions

15

Voilà!

SAPS physics Journals Help/Feedback Journal, vol, page, DOI, etc.

PHYSICAL REVIEW X

Highlights Recent Subjects Accepted Collections Authors Referees Search Press About Staff

Open Access

Quantum Multicriticality near the Dirac-Semimetal to Band-Insulator Critical Point in Two Dimensions: A Controlled Ascent from One Dimension

Bitan Roy and Matthew S. Foster
Phys. Rev. X **8**, 011049 – Published 26 March 2018

Article References Citing Articles (2) PDF HTML Export Citation

ABSTRACT

We compute the effects of generic short-range interactions on gapless electrons residing at the quantum critical point separating a two-dimensional Dirac semimetal and a symmetry-preserving band insulator. The electronic dispersion at this critical point is anisotropic ($E_k = \pm \sqrt{v^2 k_x^2 + W^2 k_y^2}$ with $n = 2$), which results in unconventional scaling of thermodynamic and transport quantities. Because of the vanishing density of states ($\rho(E) \sim |E|^{n-1}$), this anisotropic semimetal (ASM) is stable against weak short-range interactions. However, for stronger interactions, the direct Dirac-semimetal to band-insulator transition can either (i) become a fluctuation-driven first-order transition (although unlikely in a particular microscopic model considered here, the anisotropic honeycomb lattice extended Hubbard model) or (ii) get avoided by an intervening broken-symmetry phase. We perform a controlled renormalization group analysis with the small parameter $\epsilon = 1/n$, augmented with a $1/n$ expansion (parametrically suppressing quantum fluctuations in the higher dimension) by perturbing away from the one-dimensional limit, realized by setting $\epsilon = 0$ and $n \rightarrow \infty$. We identify charge density wave (CDW),

Issue
Vol. 8, Iss. 1 — January - March 2018

Subject Areas
Condensed Matter Physics
Strongly Correlated Materials

Check for updates

16

You can also search by author

Use the "Author search"

Scopus Search Sources Alerts Lists Help SciVal Register Login

Author search

Compare sources

To determine which author names should be grouped together under a single identifier number, the Scopus Author Identifier uses an algorithm that matches author names based on their affiliation, address, subject area, source title, dates of publication, citations, and co-authors. Documents with insufficient data may not be matched, this can lead to more than one entry in the results list for the same author. By default, only details pages matched to more than one document in Scopus are shown in search results. About Scopus Author Identifier

Documents **Authors** Affiliations Advanced Search tips

Author last name Author first name
e.g. Smith *e.g. J.L.*

Affiliation Show exact matches only

ORCID
e.g. 1111-2222-3333-4444

17

You can also search by author

Type in author surname and first name or initials

Scopus Search Sources Alerts Lists Help SciVal Register Login

Author search

Compare sources

To determine which author names should be grouped together under a single identifier number, the Scopus Author Identifier uses an algorithm that matches author names based on their affiliation, address, subject area, source title, dates of publication, citations, and co-authors. Documents with insufficient data may not be matched, this can lead to more than one entry in the results list for the same author. By default, only details pages matched to more than one document in Scopus are shown in search results. About Scopus Author Identifier

Documents **Authors** Affiliations Advanced Search tips

Author last name Author first name
e.g. Smith *e.g. J.L.*

Affiliation Show exact matches only

ORCID
e.g. 1111-2222-3333-4444

18

You can also search by author

Turn on "exact matches" to narrow search

The screenshot shows the Scopus Author search page. At the top, there is a navigation bar with 'Search', 'Sources', 'Alerts', 'Lists', 'Help', 'SciVal', 'Register', and 'Login'. Below this is a blue header with 'Author search' and a 'Compare sources' link. A blue information box explains the Scopus Author Identifier algorithm. The search form has tabs for 'Documents', 'Authors', 'Affiliations', and 'Advanced'. The 'Authors' tab is active. There are two input fields: 'Author last name' with 'Fradkin' and 'Author first name' with 'Eduardo'. Below these is an 'Affiliation' field with a placeholder 'eg. University of Toronto'. A checkbox labeled 'Show exact matches only' is checked. There is also an 'ORCID' field. A red arrow points from the text 'Turn on "exact matches" to narrow search' to the checked checkbox.

19

You can also search by author

Leave "Affiliation" blank for more results

The screenshot shows the Scopus Author search page, identical to the previous one, but with the 'Affiliation' field blank. A red arrow points from the text 'Leave "Affiliation" blank for more results' to the empty 'Affiliation' input field.

20

Select the correct author...

The screenshot shows the Scopus search results for the author 'Fradkin, Eduardo'. The search criteria are 'Author last name "Fradkin", Author first name "Eduardo"'. The results are sorted by 'Document count (high-low)'. There are two author entries. The first entry is 'Fradkin, Eduardo H.' with 225 documents. The second entry is 'Fradkin, Eduardo' with 1 document. A red circle highlights the 'Show documents' link for the first entry, with a red arrow pointing to it. The text 'and click on "Show documents"' is overlaid at the bottom of the screenshot.

21

And we get Eduardo's 226 papers

The screenshot shows the Scopus search results for the author 'Fradkin, Eduardo'. The search criteria are 'AU-ID ("Fradkin, Eduardo H." 35498145900) OR AU-ID ("Fradkin, Eduardo" 57203044407)'. The results are sorted by 'Date (newest)'. There are two document entries. The first entry is 'Scrambling in the quantum Lifshitz model' by 'Plamadela, E., Fradkin, E.' from 2018. The second entry is 'Pair density waves in superconducting vortex halos' by 'Wang, Y., Edkins, S.D., Hamidian, M.H., (...) Fradkin, E., Kivelson, S.A.' from 2018. Red arrows point to the 'Access type' filter, the 'Year' filter, and the 'Sort on: Date (newest)' dropdown menu. The text 'which can also be sorted in a variety of ways' is overlaid at the bottom of the screenshot.

22

Scopus can dump citation data to your reference manager by magic

Analyze search results Show all abstracts Sort on: Date (newest)

All **Export** Download View citation overview View cited by Add to List 🖨️ ✉️ 🚫

	Document title	Authors	Year	Source
<input checked="" type="checkbox"/> 1	Scrambling in the quantum Lifshitz model	Plamadeala, E., Fradkin, E.	2018	Journal of Statistical Mechanics: Theory and Experiment 2018(6),063102
	View abstract <input type="checkbox"/> <input type="checkbox"/> DI <input type="checkbox"/> COVER <input type="checkbox"/> full text <input type="checkbox"/> View at Publisher <input type="checkbox"/> Related documents			
<input checked="" type="checkbox"/> 2	Pair density waves in superconducting vortex halos	Wang, Y., Edkins, S.D., Hamidian, M.H., (...), Fradkin, E., Kivelson, S.A.	2018	Physical Review B 97(17),174510
	View abstract <input type="checkbox"/> <input type="checkbox"/> DI <input type="checkbox"/> COVER <input type="checkbox"/> full text <input type="checkbox"/> View at Publisher <input type="checkbox"/> Related documents			
<input checked="" type="checkbox"/> 3	Loop models, modular invariance, and three-dimensional bosonization	Goldman, H., Fradkin, E.	2018	Physical Review B 97(19),195112

"Turn on" the papers you want to export

23

Then tell Scopus what you want, how you want it, and then click "Export"

Export document settings ×

You have chosen to export 4 documents

Select your method of export

MENDELLEY **RefWorks** RIS Format CSV BibTeX Plain Text
EndNote Reference Manager Excel HTML

What information do you want to export?

<input checked="" type="checkbox"/> Citation information	<input type="checkbox"/> Bibliographical information	<input type="checkbox"/> Abstract & keywords	<input type="checkbox"/> Funding details	<input type="checkbox"/> Other information
<input checked="" type="checkbox"/> Author(s)	<input type="checkbox"/> Affiliations	<input type="checkbox"/> Abstract	<input type="checkbox"/> Number	<input type="checkbox"/> Tradenames & manufacturers
<input checked="" type="checkbox"/> Document title	<input type="checkbox"/> Serial identifiers (e.g. ISSN)	<input type="checkbox"/> Author keywords	<input type="checkbox"/> Acronym	<input type="checkbox"/> Accession numbers & chemicals
<input checked="" type="checkbox"/> Year	<input type="checkbox"/> PubMed ID	<input type="checkbox"/> Index keywords	<input type="checkbox"/> Sponsor	<input type="checkbox"/> Conference information
<input checked="" type="checkbox"/> Source title	<input type="checkbox"/> Publisher		<input type="checkbox"/> Funding text	<input checked="" type="checkbox"/> Include references
<input checked="" type="checkbox"/> volume, issue, pages	<input type="checkbox"/> Editor(s)			
<input checked="" type="checkbox"/> Citation count	<input type="checkbox"/> Language of original document			
<input checked="" type="checkbox"/> Source & document type	<input type="checkbox"/> Correspondence address			
<input checked="" type="checkbox"/> DOI	<input type="checkbox"/> Abbreviated source title			

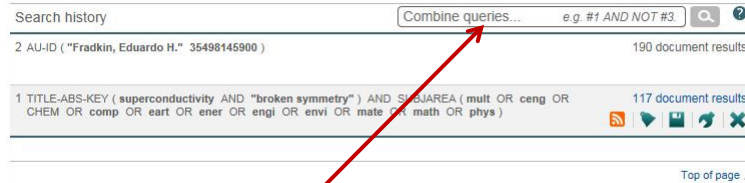
"Citation Information" is the default
 Can also export bibliographic information, abstract and key words, references, funding details, and "other" information

Zotero uses RIS format

Cancel

24

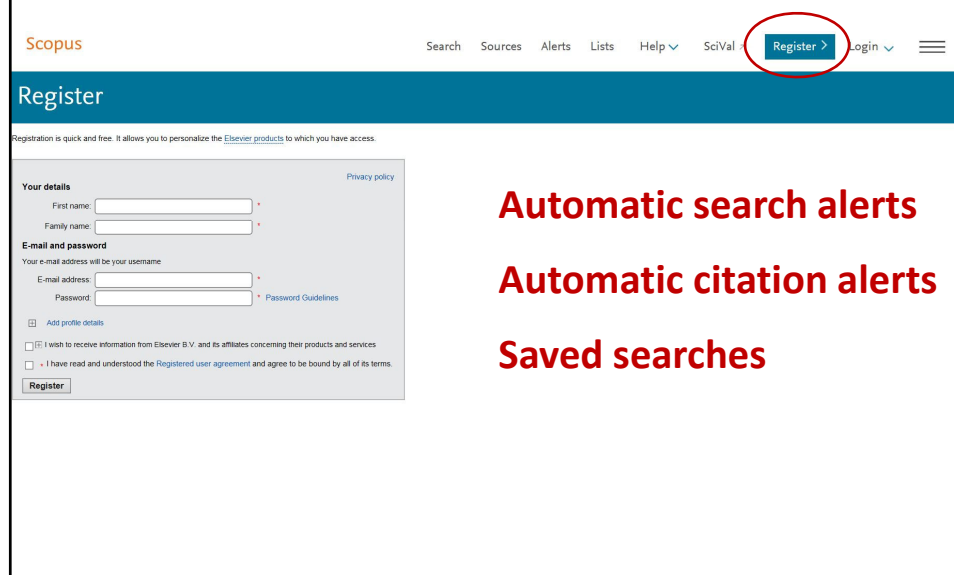
Scopus saves up to 50 searches per session automatically



which can be combined

25

Free registration gives access to additional services

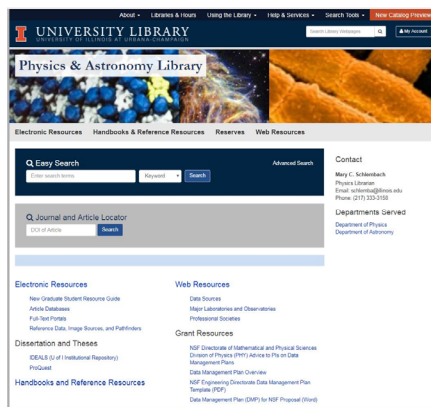


26

Want to use Scopus* from home?

Log in through the Library gateway at the bottom of the Physics homepage or go directly to

<http://www.library.illinois.edu/phx/>



*or any of the Physics electronic resources


cm Elliott@illinois.edu
<http://physics.illinois.edu/people/Celia>