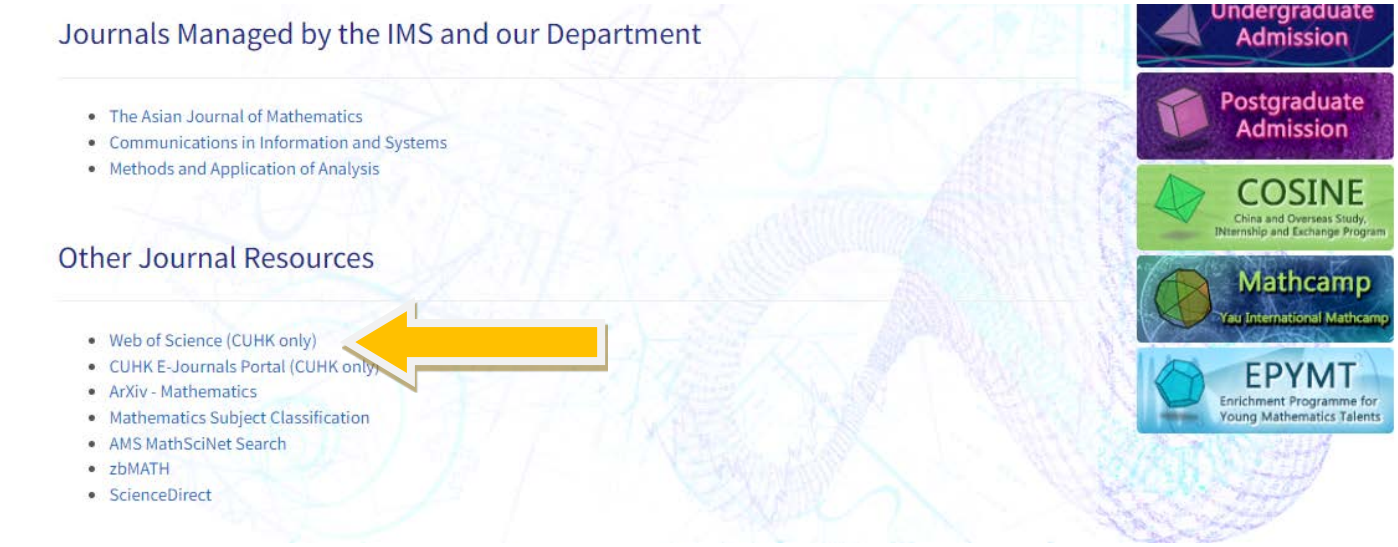
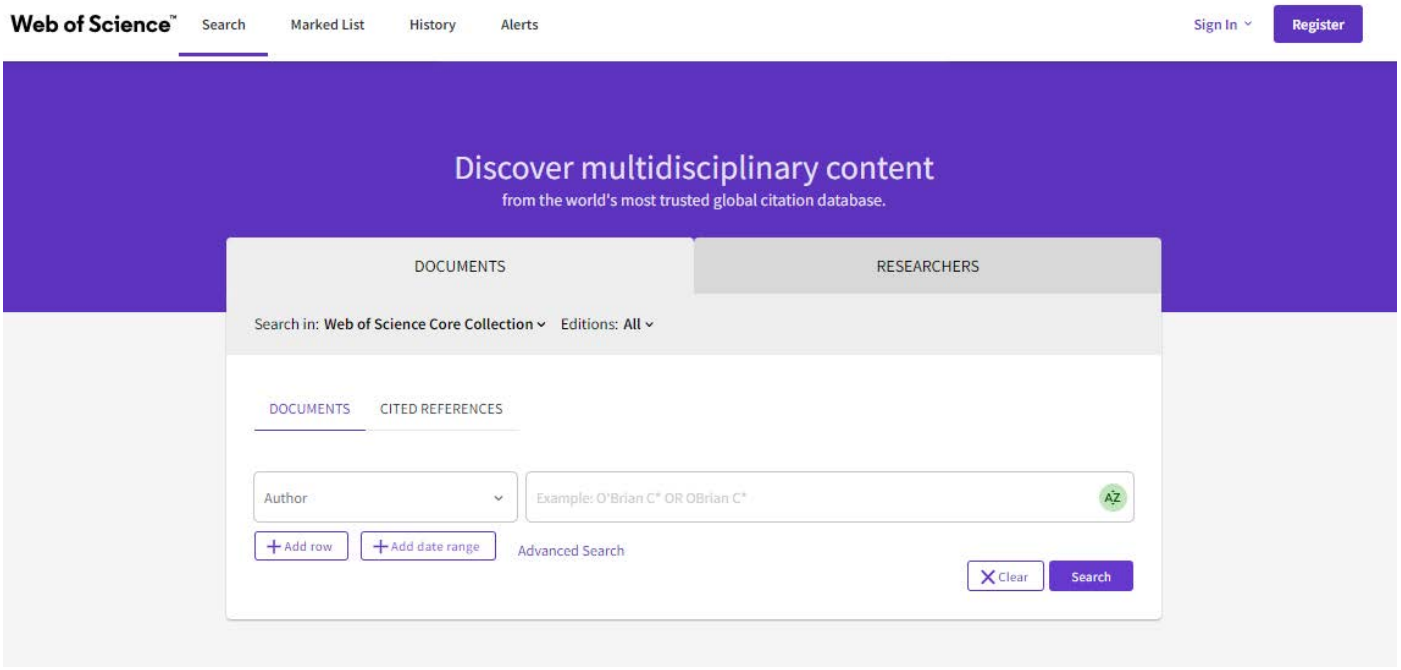
Authors' Research Citations

Guidance Notes

First, please visit the Math Department website https://www.math.cuhk.edu.hk/, then go to "research" → "Journal" to get the link, or visit *Web of Science* direct by the link below https://www.webofscience.com/wos/woscc/basic-search.



You will enter the page of *Web of Science*.

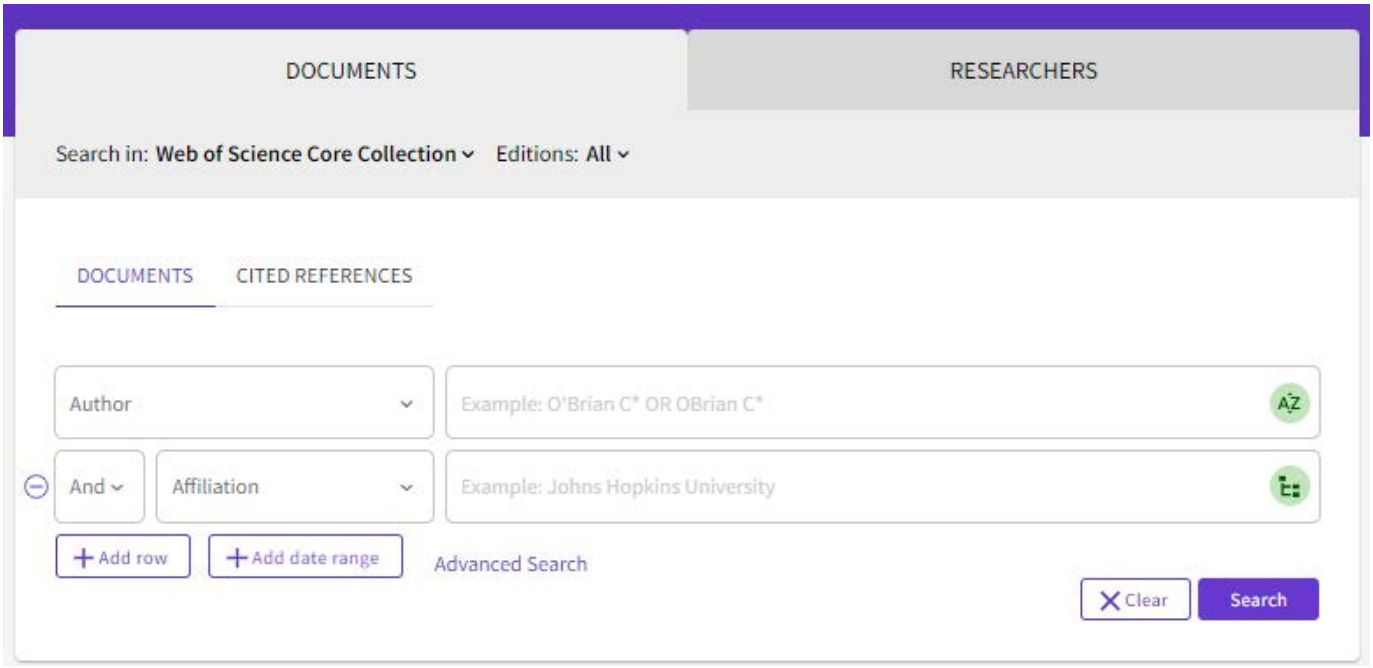


Search field

Use the drop-down menu to select your search field or choose **All Fields** to search any field in the *Web of Science* record. You could search by:

- Topic
- Author
- Affiliation
- Year published etc

Click **Add Row** to search multiple fields.



Combine search terms using search operators **And** and **Or**. These may be typed in the search boxes or selected from the drop-down menus.

When you have entered all your search terms, click on the Search button.

Searching by an Author

Enter your search term in the search box and ensure **Author** is selected in the drop-down menu.

Important notes:

To search all the publications of an Author, please note the following three important choices, otherwise, the search results will be inaccurate or incomplete:

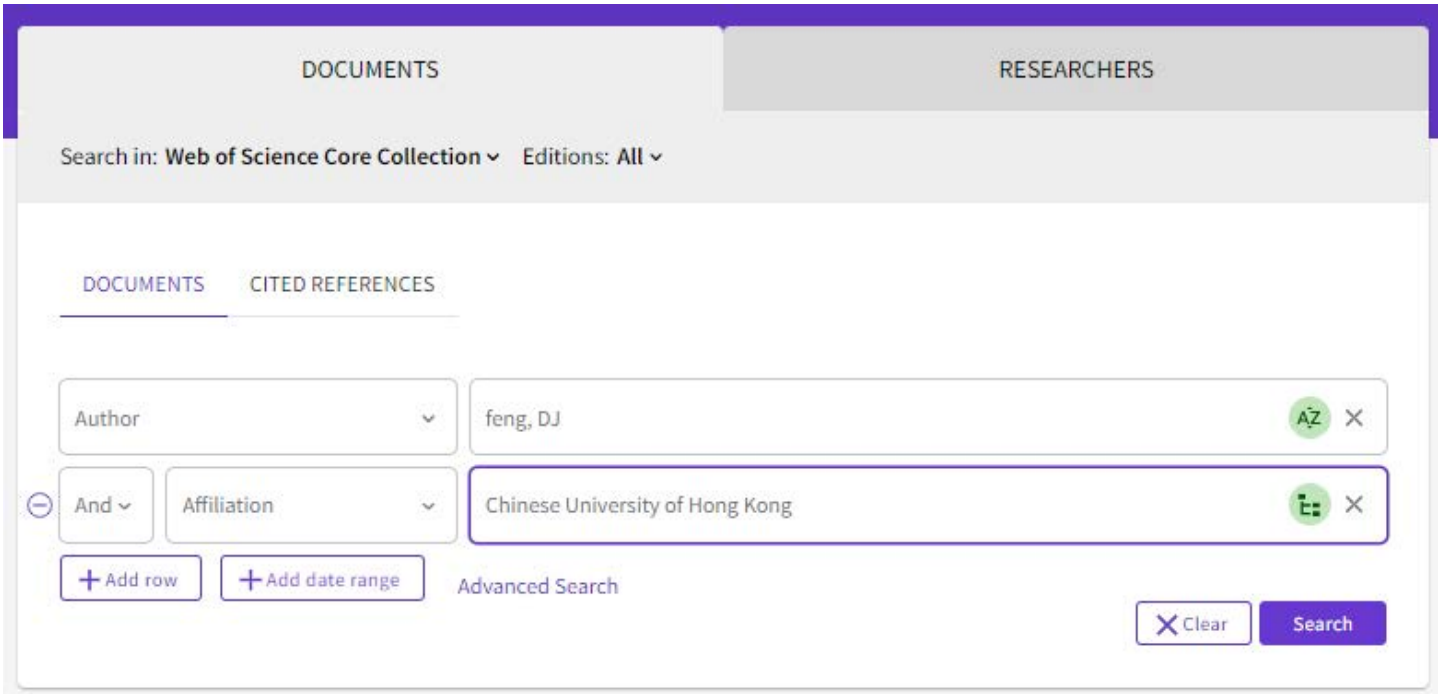
1. The way to type the Author's name.
   If we take Department Chairman Prof. Zou Jun as a sample, you could try searching by several combinations, i.e. **Zou, J**, or Zou, Jun or Zou, J*

2. The way to select all the research universities or institutes where the Author has worked, i.e. Wuhan University, Chinese Academy of Sciences, Technical University of Munich, Chinese University of Hong Kong.

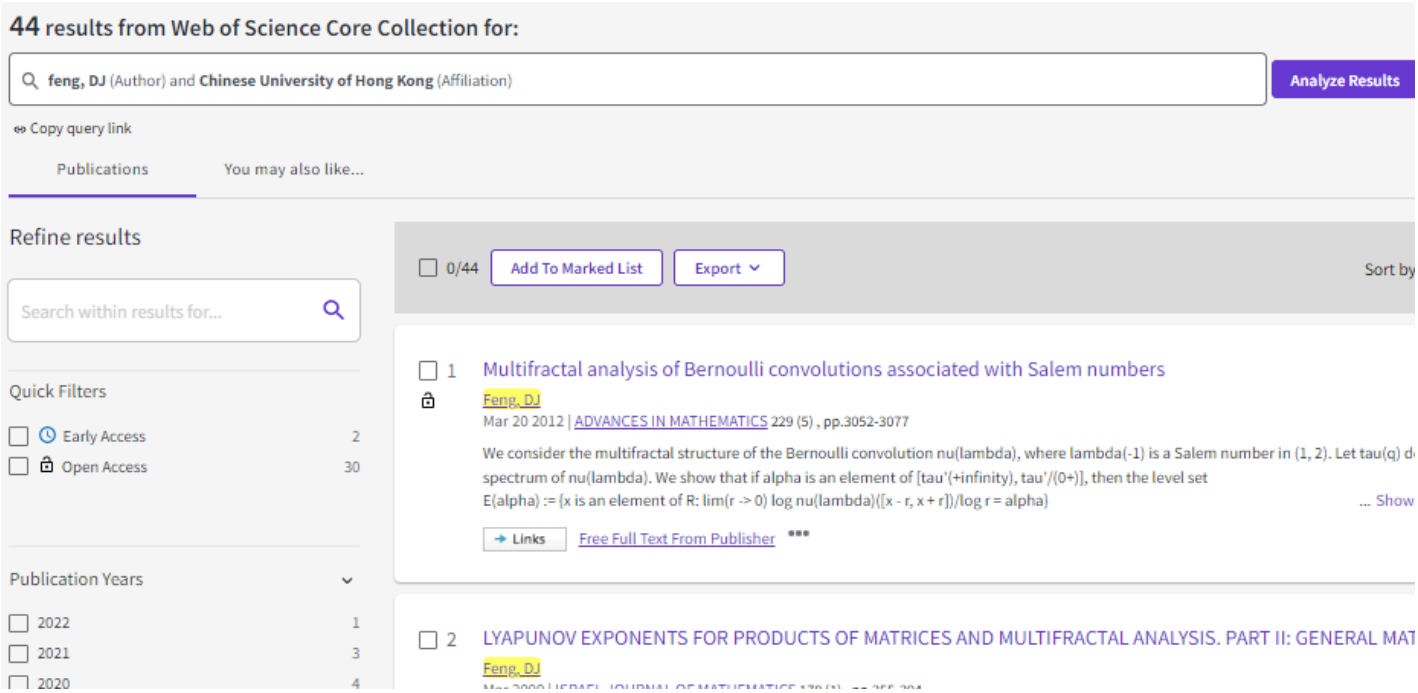
3. The way to specify all the Author's research fields, i.e. mathematics, mathematics applied, physics mathematical etc.

Being aware of the above, your search will be more accurate and complete. In the coming pages, will show you some examples and elaborations how to do the search.

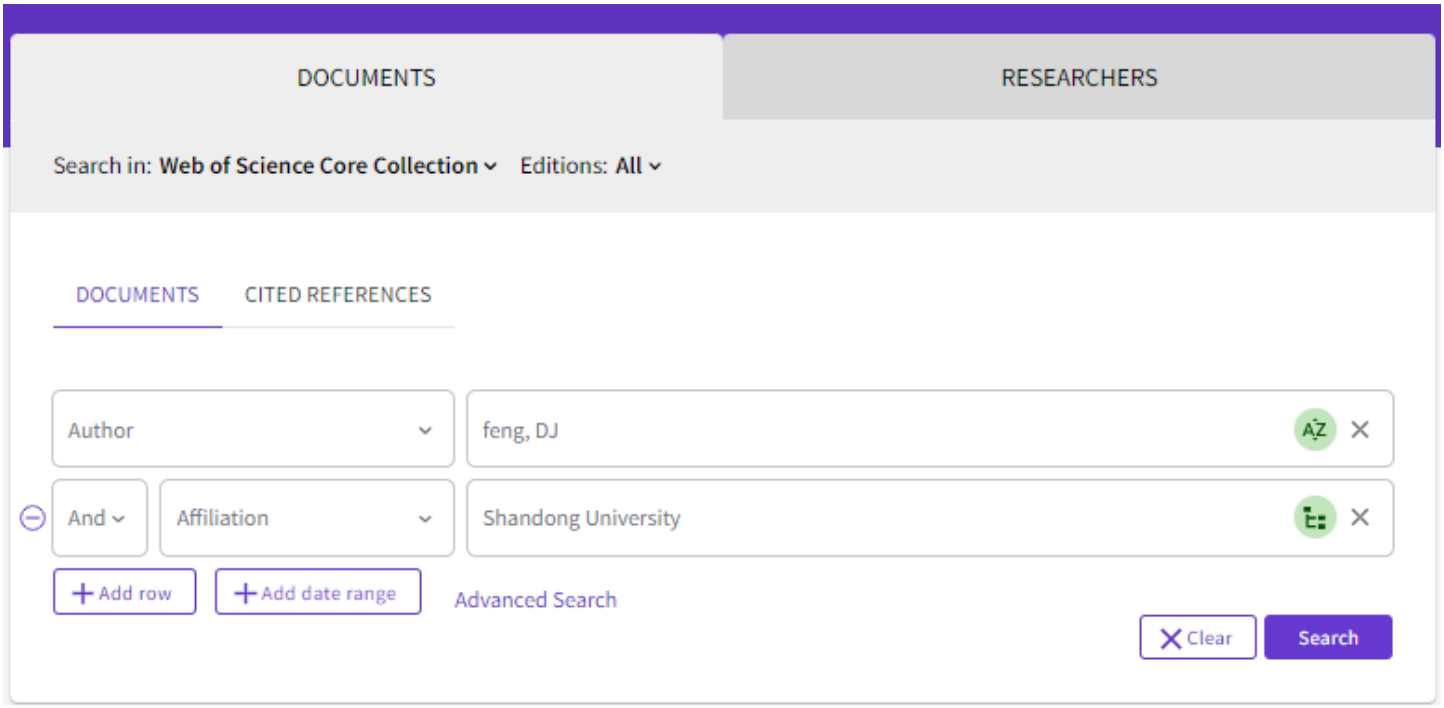
To do a better search, you could try searching the Author's name plus his/her research institutes/universities (i.e. Feng, DJ + The Chinese University of Hong Kong). Please see the examples below.



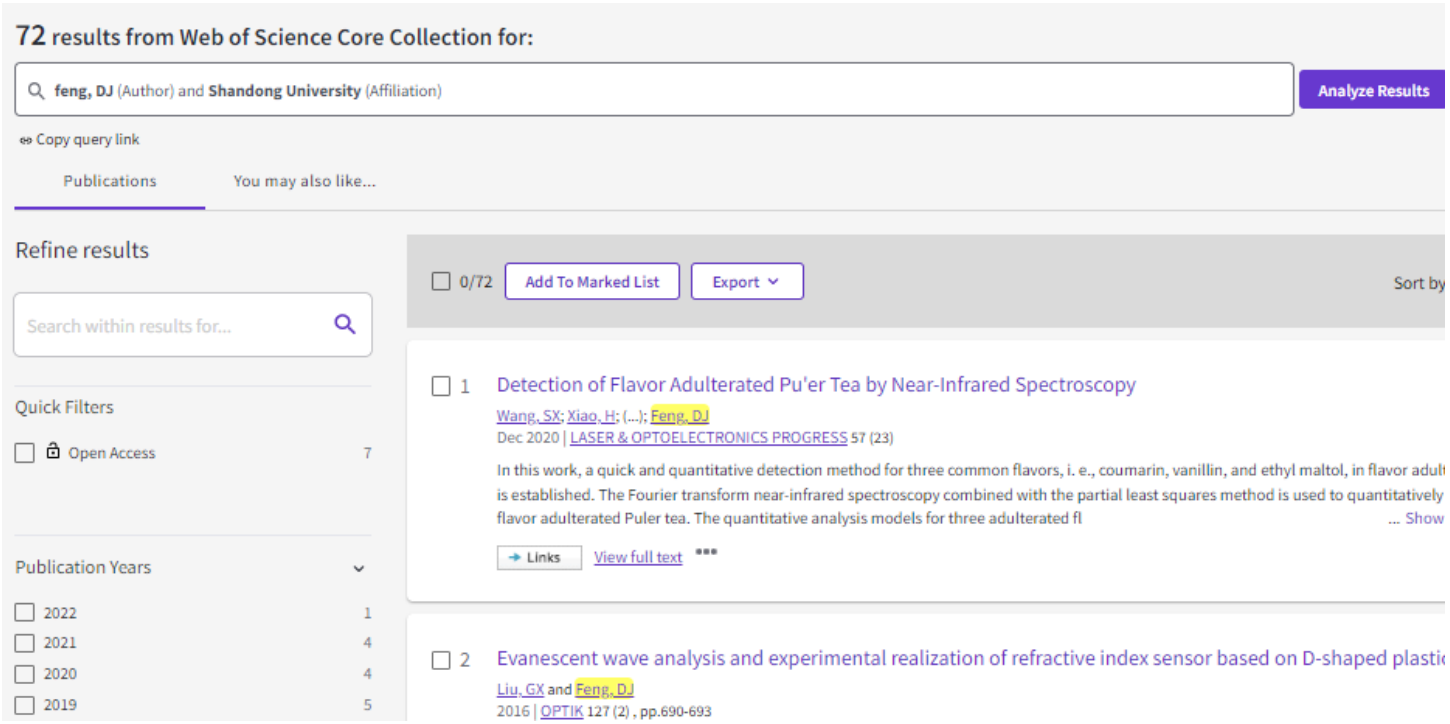
The specified searching results (Author name with the affiliation you want to search) will be shown.



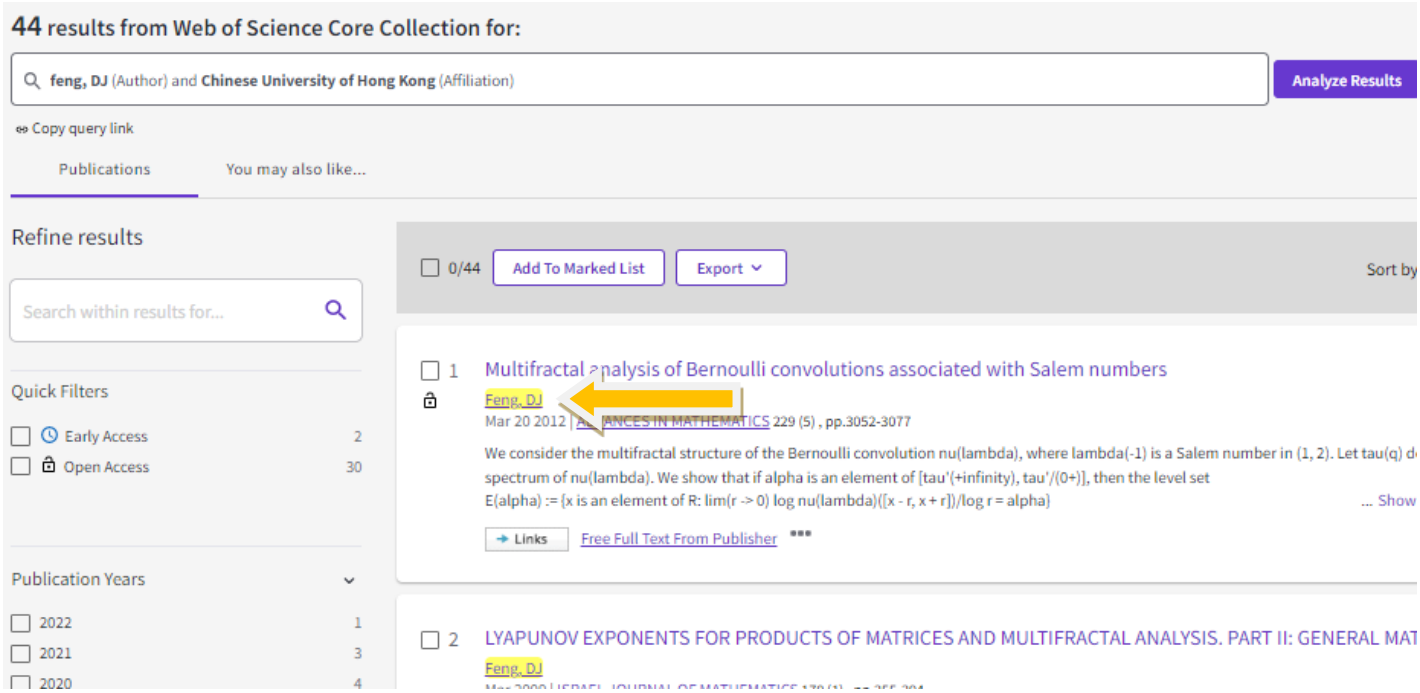
Another search examples (i.e. Feng, DJ + Shandong University)



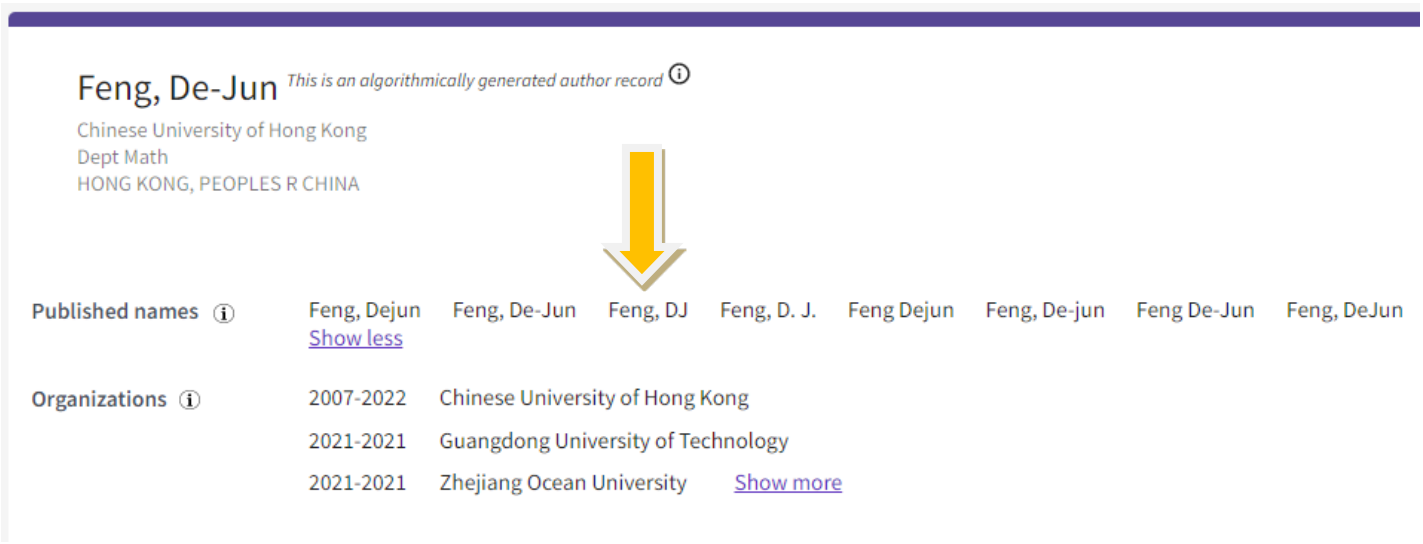
The specified searching results will be shown.



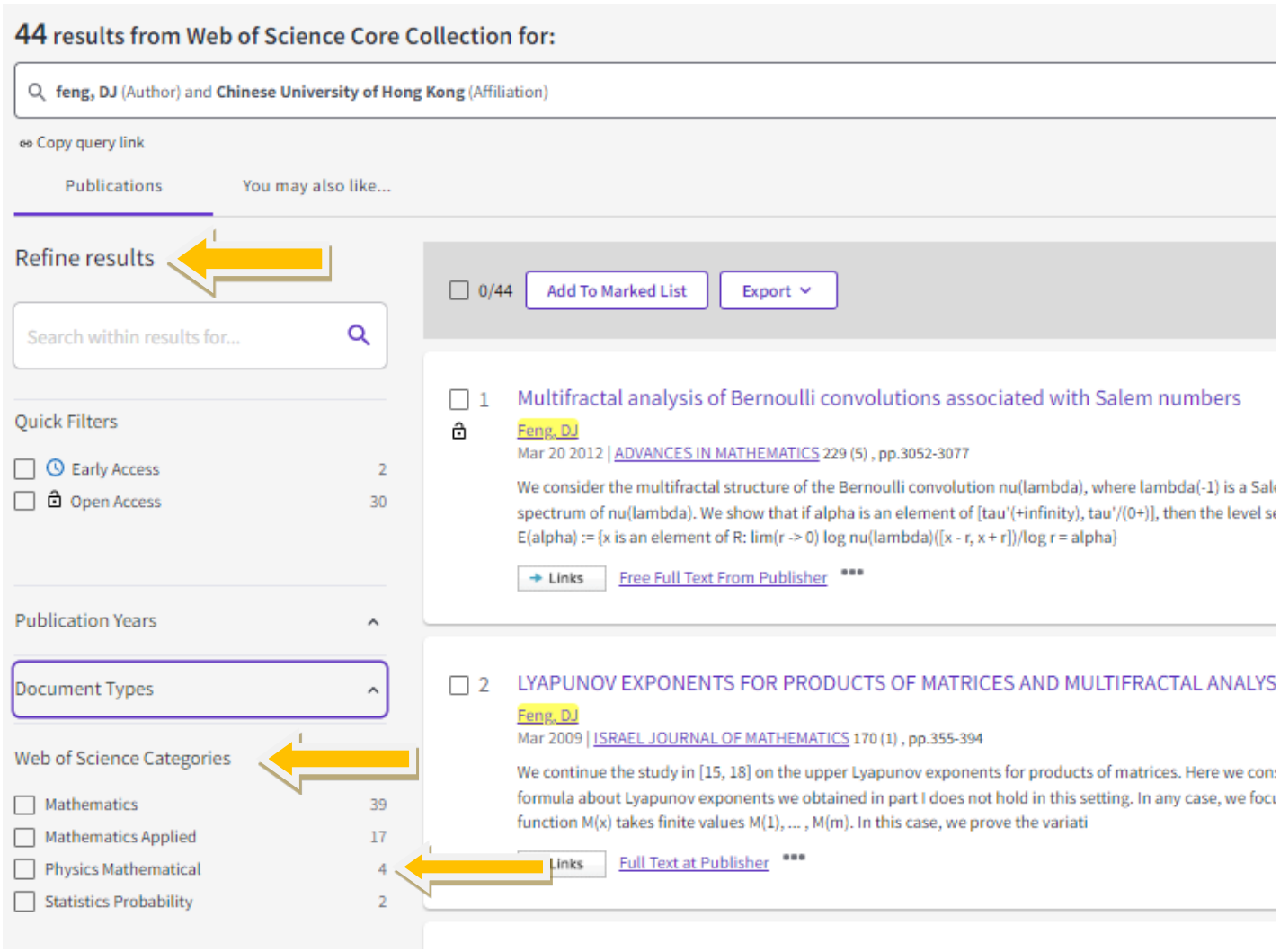
To check the Author's published name stated in *Web of Science*, please click any of the Author's name to see his/her published name.



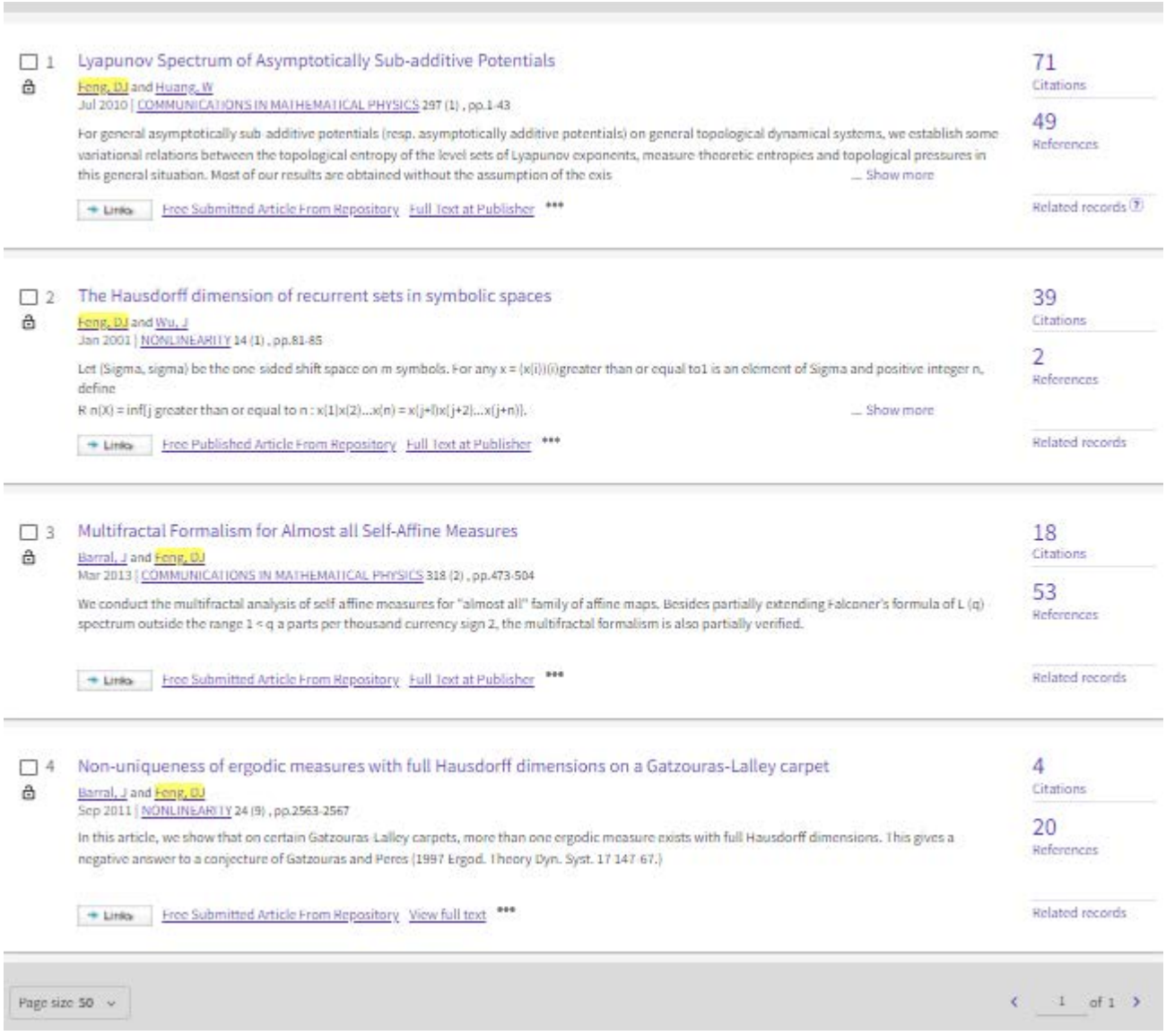
You could see all the published name combinations for the Author and all the research universities or institutes where he/she has worked. It may help you to do searching.



To specify the Author's research fields, please go → Refine results → Web of Science Categories, you may select the publications in the specified research field (i.e. mathematics, mathematics applied, physics mathematical). Then your search will be more specific.



If I select “physics mathematical”, 4 results within this research field will be shown accordingly.



1 Lyapunov Spectrum of Asymptotically Sub-additive Potentials
Feng, DJ and Huang, W
Jul 2010 | COMMUNICATIONS IN MATHEMATICAL PHYSICS 297 (1) , pp.1-43
For general asymptotically sub-additive potentials (resp. asymptotically additive potentials) on general topological dynamical systems, we establish some variational relations between the topological entropy of the level sets of Lyapunov exponents, measure theoretic entropies and topological pressures in this general situation. Most of our results are obtained without the assumption of the exis ... Show more
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49 References
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2 The Hausdorff dimension of recurrent sets in symbolic spaces
Feng, DJ and Wu, J
Jan 2001 | NONLINEARITY 14 (1) , pp.81-85
Let (Sigma, sigma) be the one sided shift space on m symbols. For any x = (x(i))(i)greater than or equal to1 is an element of Sigma and positive integer n, define
R n(X) = inf{j greater than or equal to n : x(1)x(2)...x(n) = x(j+1)x(j+2)...x(j+n)}. ... Show more
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39 Citations
2 References
Related records

3 Multifractal Formalism for Almost all Self-Affine Measures
Barral, J and Feng, DJ
Mar 2013 | COMMUNICATIONS IN MATHEMATICAL PHYSICS 318 (2) , pp.473-504
We conduct the multifractal analysis of self affine measures for "almost all" family of affine maps. Besides partially extending Falconer's formula of L (q) spectrum outside the range 1 < q a parts per thousand currency sign 2, the multifractal formalism is also partially verified.
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53 References
Related records

4 Non-uniqueness of ergodic measures with full Hausdorff dimensions on a Gatzouras-Lalley carpet
Barral, J and Feng, DJ
Sep 2011 | NONLINEARITY 24 (9) , pp.2563-2567
In this article, we show that on certain Gatzouras Lalley carpets, more than one ergodic measure exists with full Hausdorff dimensions. This gives a negative answer to a conjecture of Gatzouras and Peres (1997 Ergod. Theory Dyn. Syst. 17 147 67.)
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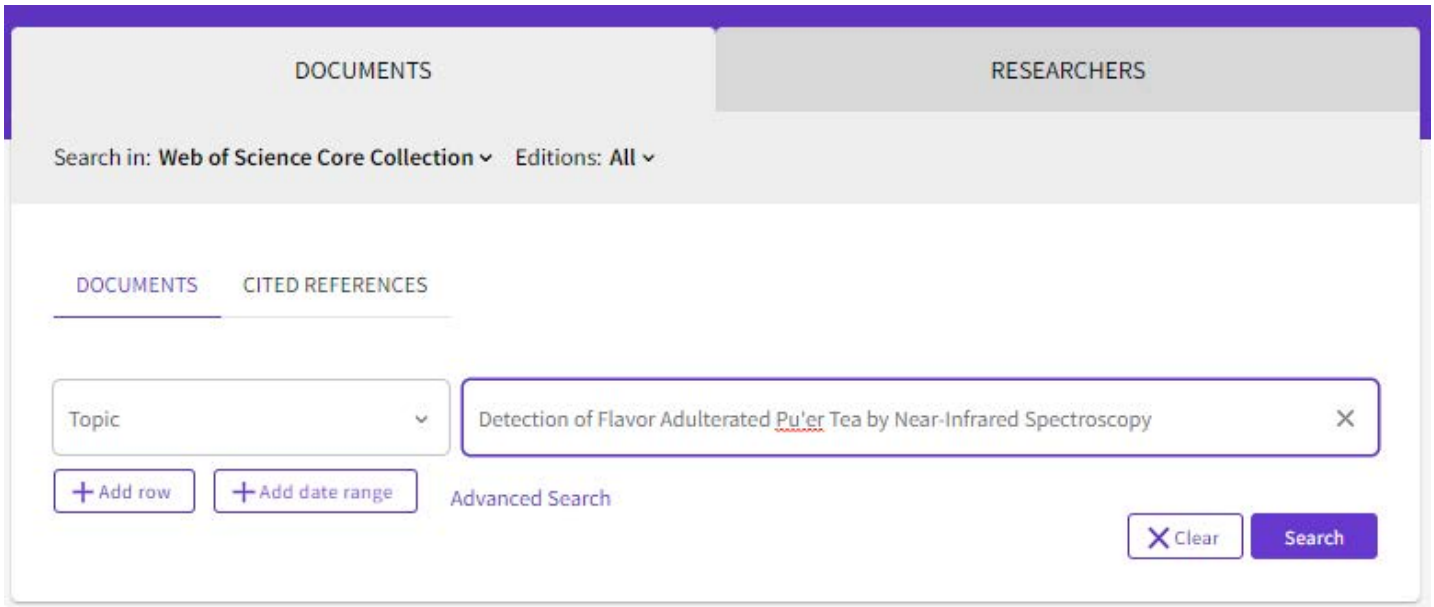
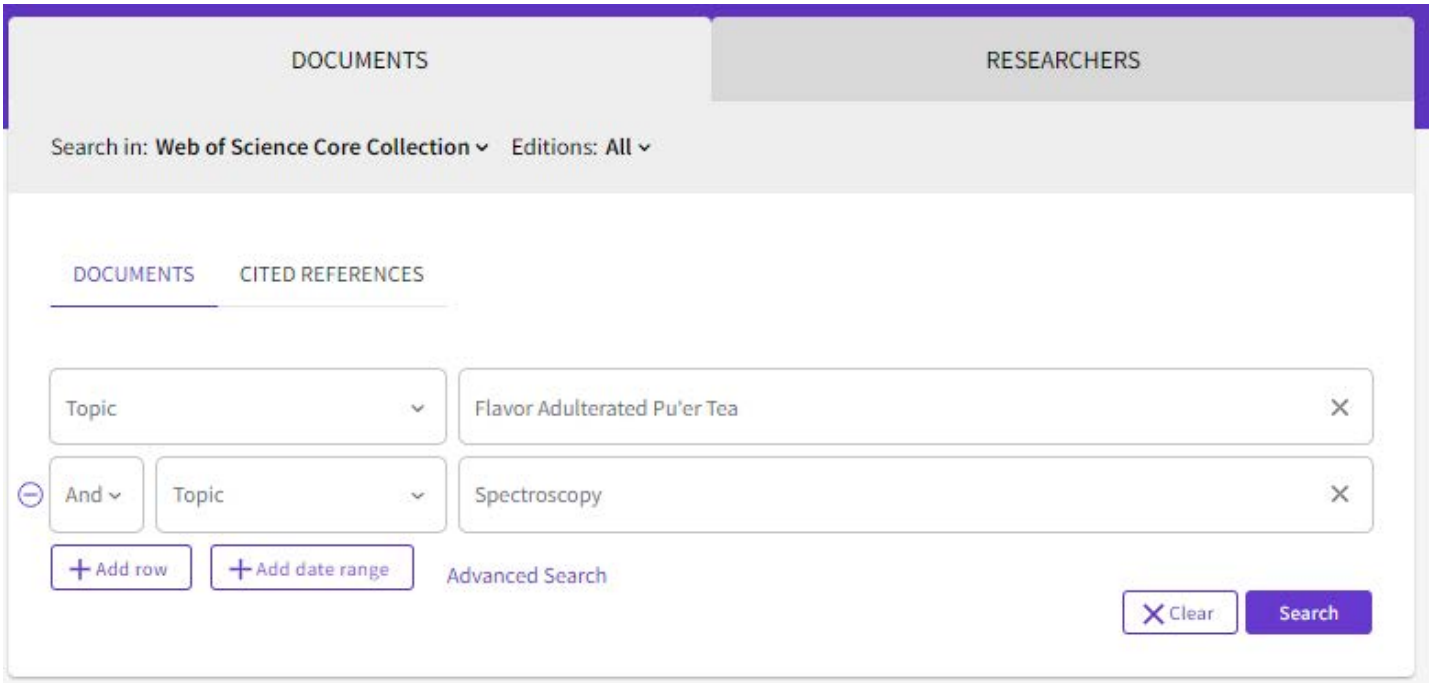
Page size 50 ‹ 1 of 1 ›

Searching by a topic

Enter your search term in the search box and ensure Topic is selected in the drop-down menu.

If you know the entire topic, you could type it all in the search box. If don't, you could type some key words on it.

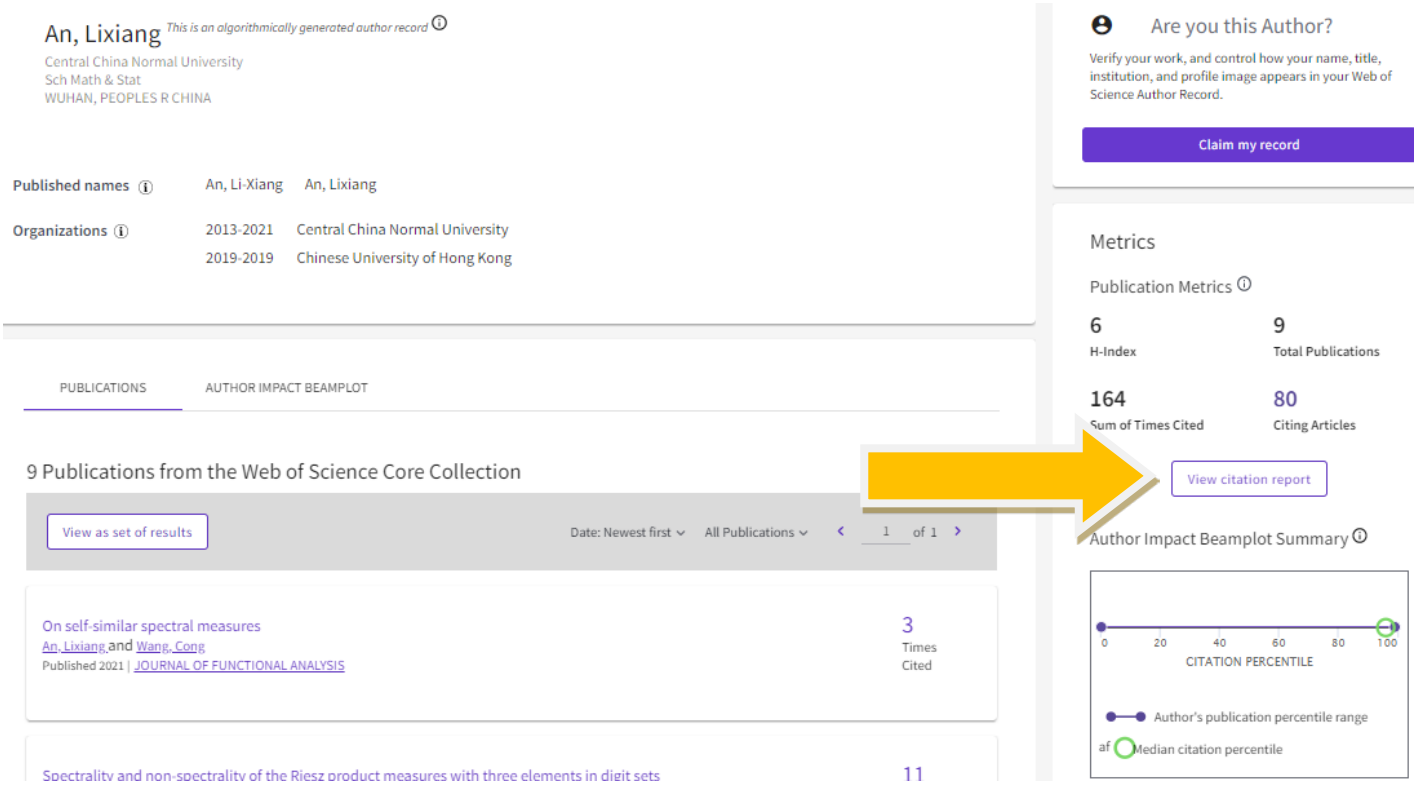




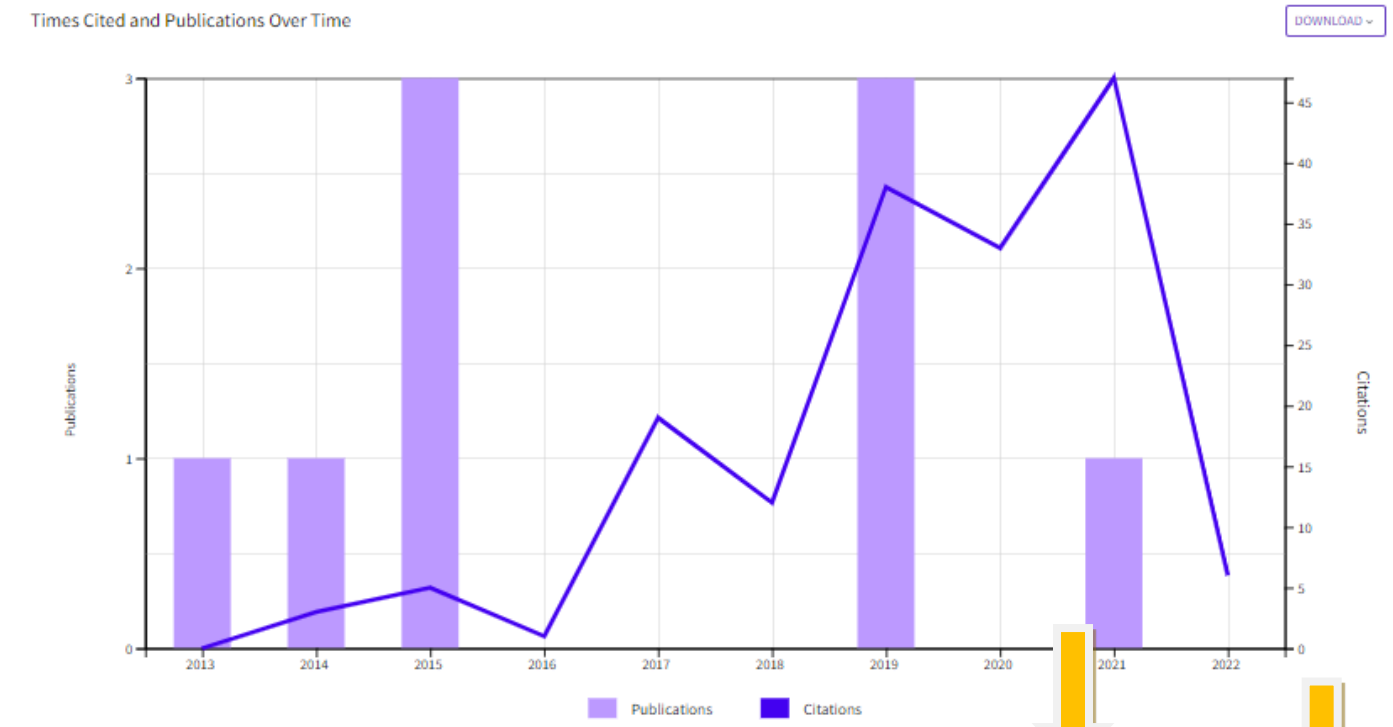
Author's citation

Please click any of the Author's name in the publication, then you could find the brief info of the Author, i.e. published name, organisations, all the publications etc.

To view more details in citation, you may click "view citation report".



In citation report, you could find the total no. of publication, the total no. of citations, and times cited for every year of the Author.



9 Publications

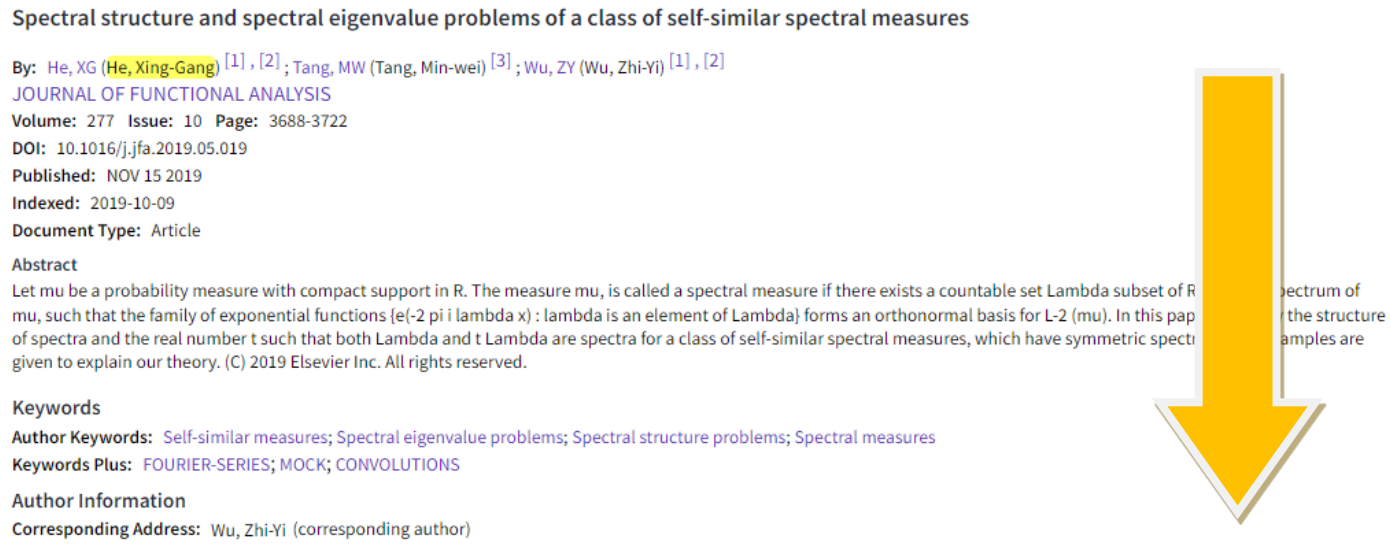
Sort by: Citations: highest first

1 of 1

		Citations						
		Back				Forward	Average per year	Total
		2018	2019	2020	2021	2022		
	Total	12	38	33	47	6	18.22	164
1	A class of spectral Moran measures An, LX and He, XG Jan 1 2014 | JOURNAL OF FUNCTIONAL ANALYSIS 266 (1) , pp.343-354	5	13	10	10	2	5.89	53
2	Spectrality of a class of infinite convolutions An, LX; He, XG and Lau, KS Oct 1 2015 | ADVANCES IN MATHEMATICS 283 , pp.362-376	4	13	9	9	0	5.38	43
3	Spectrality of infinite Bernoulli convolutions An, LX; He, XG and Li, HX Sep 1 2015 | JOURNAL OF FUNCTIONAL ANALYSIS 269 (5) , pp.1571-1590	3	7	5	6	0	3.25	26

Journal ranking

In the page of publication, if page down, you may find the brief information of the Journal, i.e. *Web of Science* categories (applied mathematics or pure mathematics), the impact factor of the Journal etc.



Spectral structure and spectral eigenvalue problems of a class of self-similar spectral measures

By: He, XG (He, Xing-Gang) [1] , [2] ; Tang, MW (Tang, Min-wei) [3] ; Wu, ZY (Wu, Zhi-Yi) [1] , [2]

JOURNAL OF FUNCTIONAL ANALYSIS

Volume: 277 **Issue:** 10 **Page:** 3688-3722

DOI: 10.1016/j.jfa.2019.05.019

Published: NOV 15 2019

Indexed: 2019-10-09

Document Type: Article

Abstract

Let mu be a probability measure with compact support in R. The measure mu, is called a spectral measure if there exists a countable set Lambda subset of R ...pectrum of mu, such that the family of exponential functions {e(-2 pi i lambda x) : lambda is an element of Lambda} forms an orthonormal basis for L-2 (mu). In this pap... the structure of spectra and the real number t such that both Lambda and t Lambda are spectra for a class of self-similar spectral measures, which have symmetric spectr... amples are given to explain our theory. (C) 2019 Elsevier Inc. All rights reserved.

Keywords

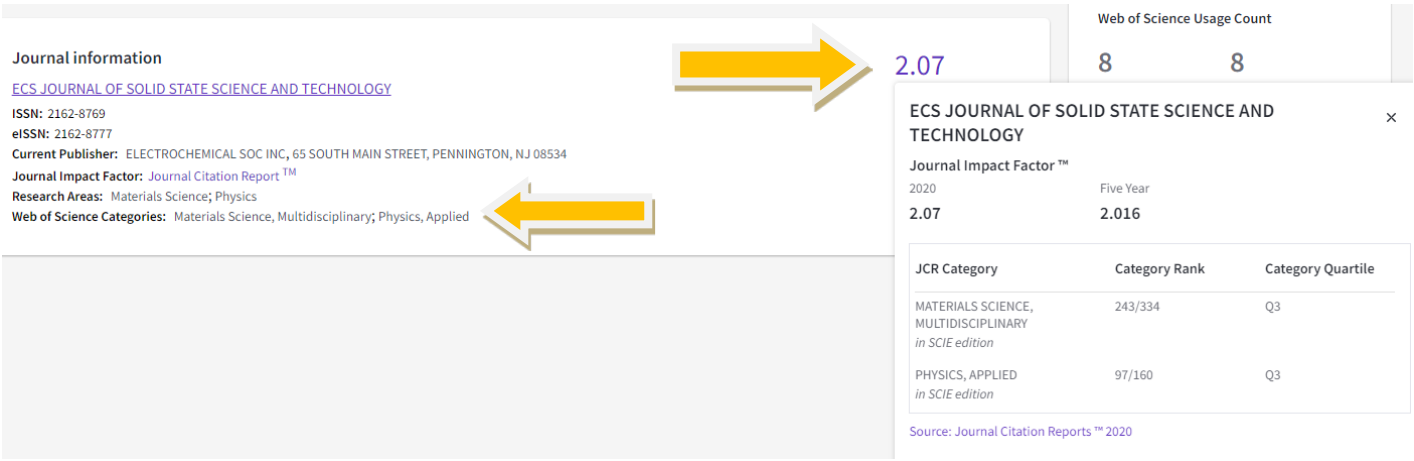
Author Keywords: Self-similar measures; Spectral eigenvalue problems; Spectral structure problems; Spectral measures

Keywords Plus: FOURIER-SERIES; MOCK; CONVOLUTIONS

Author Information

Corresponding Address: Wu, Zhi-Yi (corresponding author)

To view more details, please click the Journal Impact Factor no. (i.e. 2.07 below), then JCR Category, Category Rank and Category Quartile for this Journal will be shown.



Journal information

ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY

ISSN: 2162-8769

eISSN: 2162-8777

Current Publisher: ELECTROCHEMICAL SOC INC, 65 SOUTH MAIN STREET, PENNINGTON, NJ 08534

Journal Impact Factor: Journal Citation Report ™

Research Areas: Materials Science; Physics

Web of Science Categories: Materials Science, Multidisciplinary; Physics, Applied

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PHYSICS, APPLIED *in SCIE edition*	97/160	Q3

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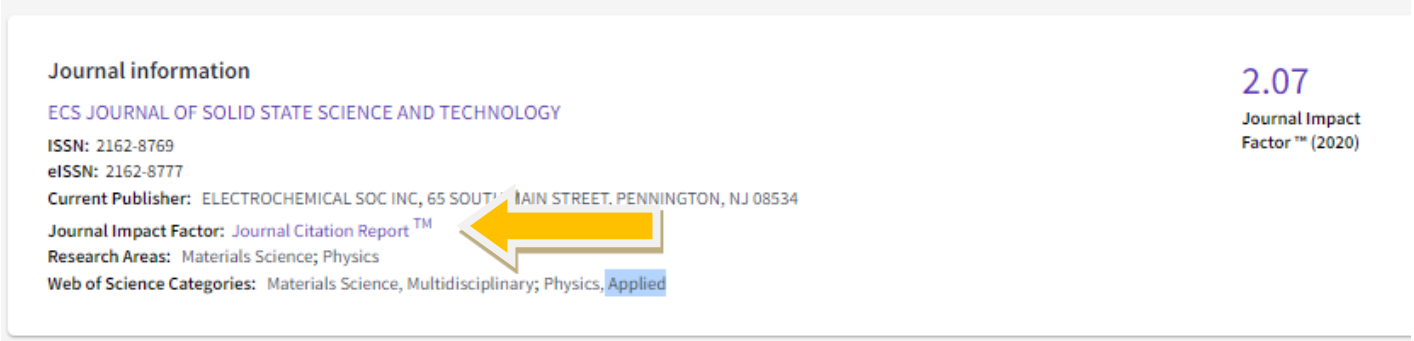

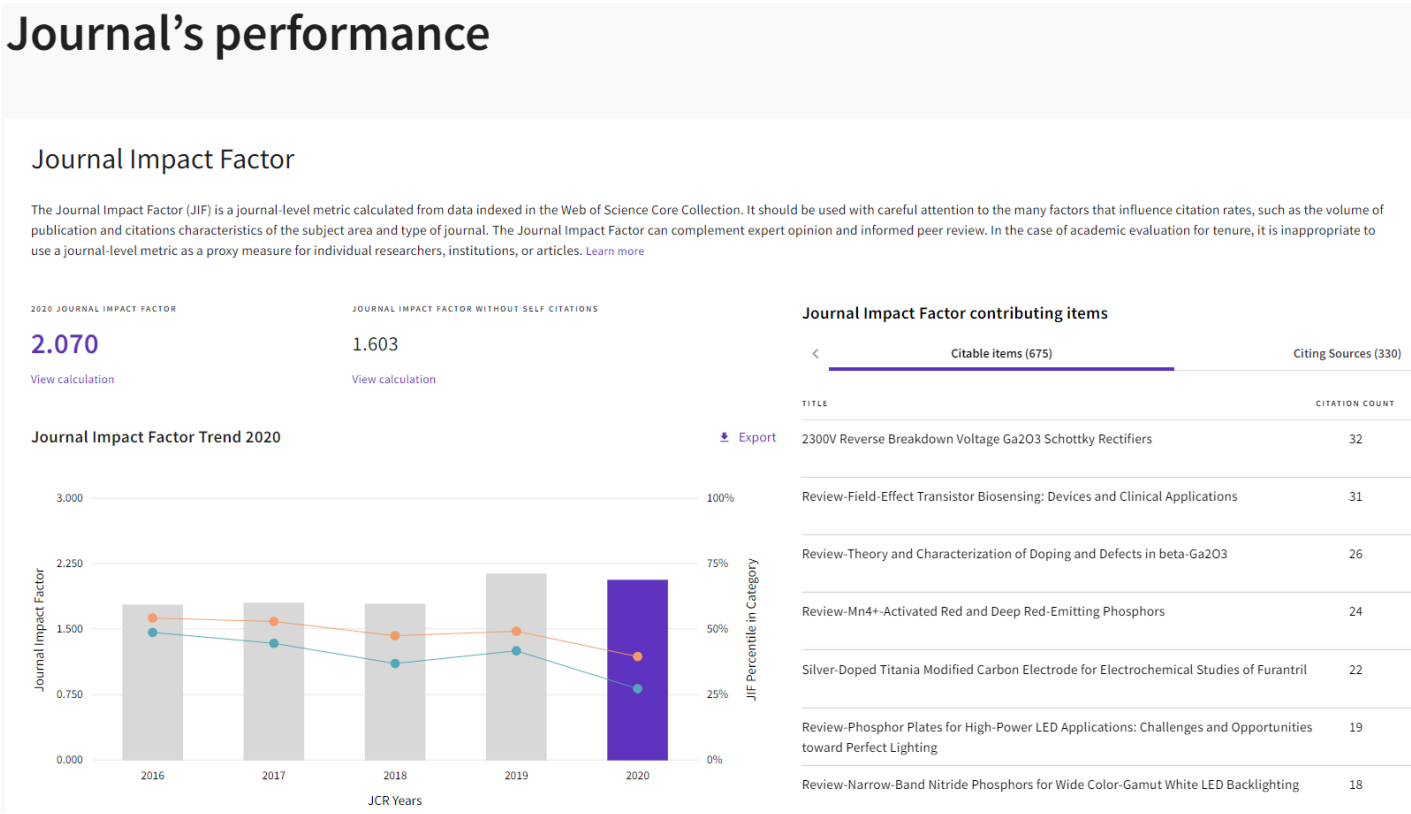

Updated on 4 April 2022