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Crossmark: getting started

Kirsty Meddings
Product Manager

Tuesday 15th May 2018

What is Crossmark

A button and a set of metadata that informs readers about

- **Publication status** (current, updated, retracted)
- Funding information
- Authors' ORCIDs
- Publication history
- Rights or licensing information
- And much more…

editorial

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CHEMISTRY | CRYSTENG

Crystal engineering and IUCrJ

Gautam R. Desiraju*

Solid State and Structural Chemistry Unit, Indian Institute of Science, Bangalore 560 012, India. *Correspondence e-mail: gautam.desiraju@gmail.com

Keywords: Editorial; crystal engineering.

Crystal engineering has grown over time, with its practitioners now seeking specific answers to specialized questions. How does a molecular crystal nucleate and then grow? Can its structure be predicted computationally? Can one design a crystal structure with knowledge-based inputs? Can a crystal structure be considered as a collection of modular entities which represent its microcosms? What properties are characteristic of the crystal as a whole rather than of its constituent molecules? Can these properties be designed and is property design different from structure design? Can one predict if a given compound will have polymorphs and pseudopolymorphs? Can one design the structures of multi-component crystals in which each component is a solid when taken separately under ambient conditions? All these issues connect through the structural landscape of crystals and the exploration of this landscape, that is crystallization. The subject of crystal engineering covers not only purely organic solids but also organometallics and more

ORIGINAL RESEARCH ARTICLE

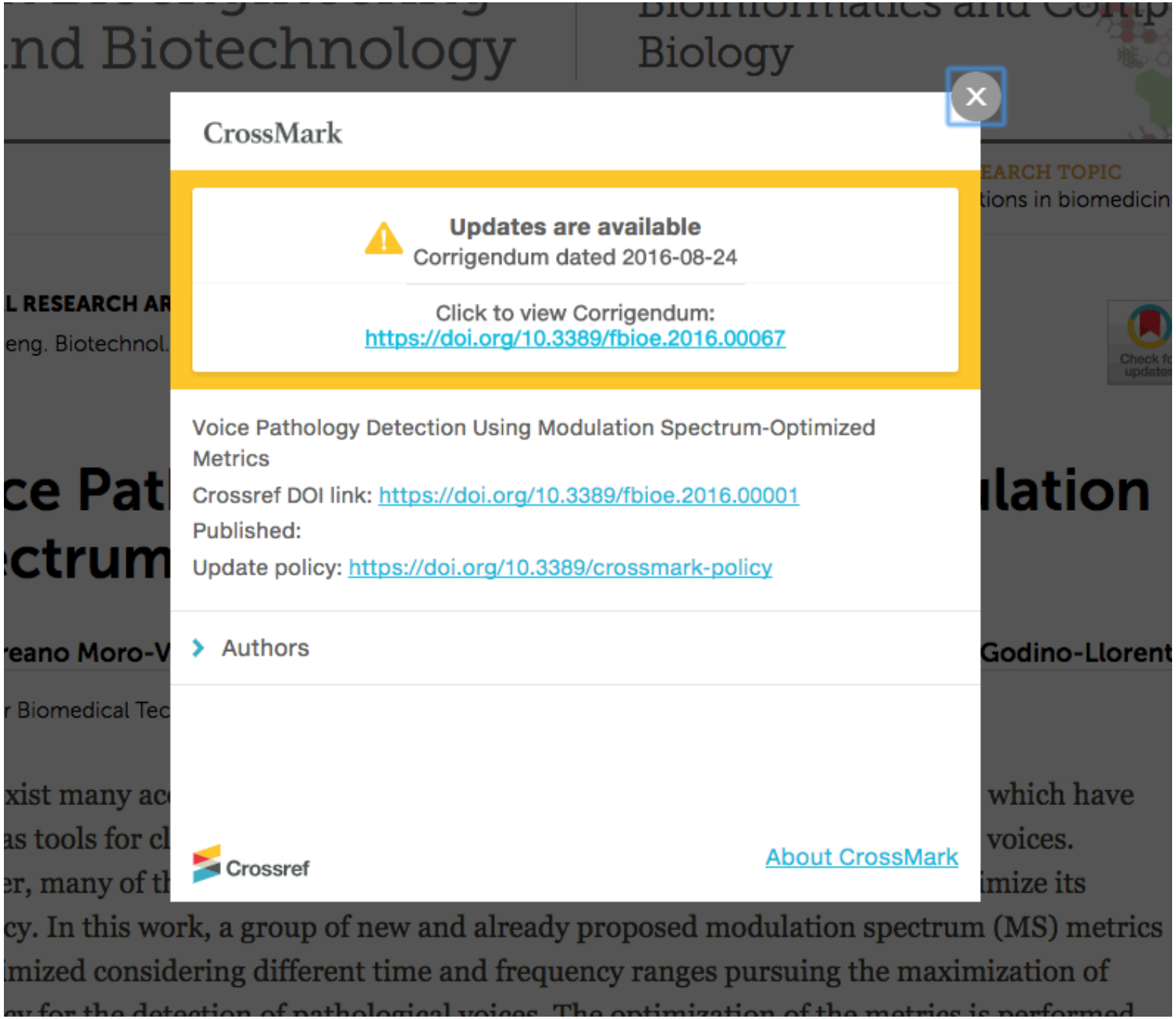
Front. Bioeng. Biotechnol., 20 January 2016 | http://dx.doi.org/10.3389/fbioe.2016.00001

Voice Pathology Detection Using Modulation Spectrum-Optimized Metrics

Laureano Moro-Velázquez*, **Jorge Andrés Gómez-García** and **Juan Ignacio Godino-Llorente**

Center for Biomedical Technology, Universidad Politécnica de Madrid, Madrid, Spain

There exist many acoustic parameters employed for pathological assessment tasks, which have served as tools for clinicians to distinguish between normophonic and pathological voices. However, many of these parameters require an appropriate tuning in order to maximize its efficiency. In this work, a group of new and already proposed modulation spectrum (MS) metrics are optimized considering different time and frequency ranges pursuing the maximization of efficiency for the detection of pathological voices. The optimization of the metrics is performed simultaneously in two different voice databases in order to identify what tuning ranges produce a better generalization. The


nd Biotechnology
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F CRYSTALLIZATION COMMUNICATIONS

Acta Cryst. (2012). F**68**, 207-210
https://doi.org/10.1107/S1744309111054388

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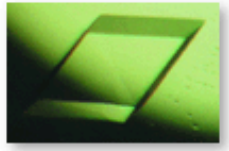


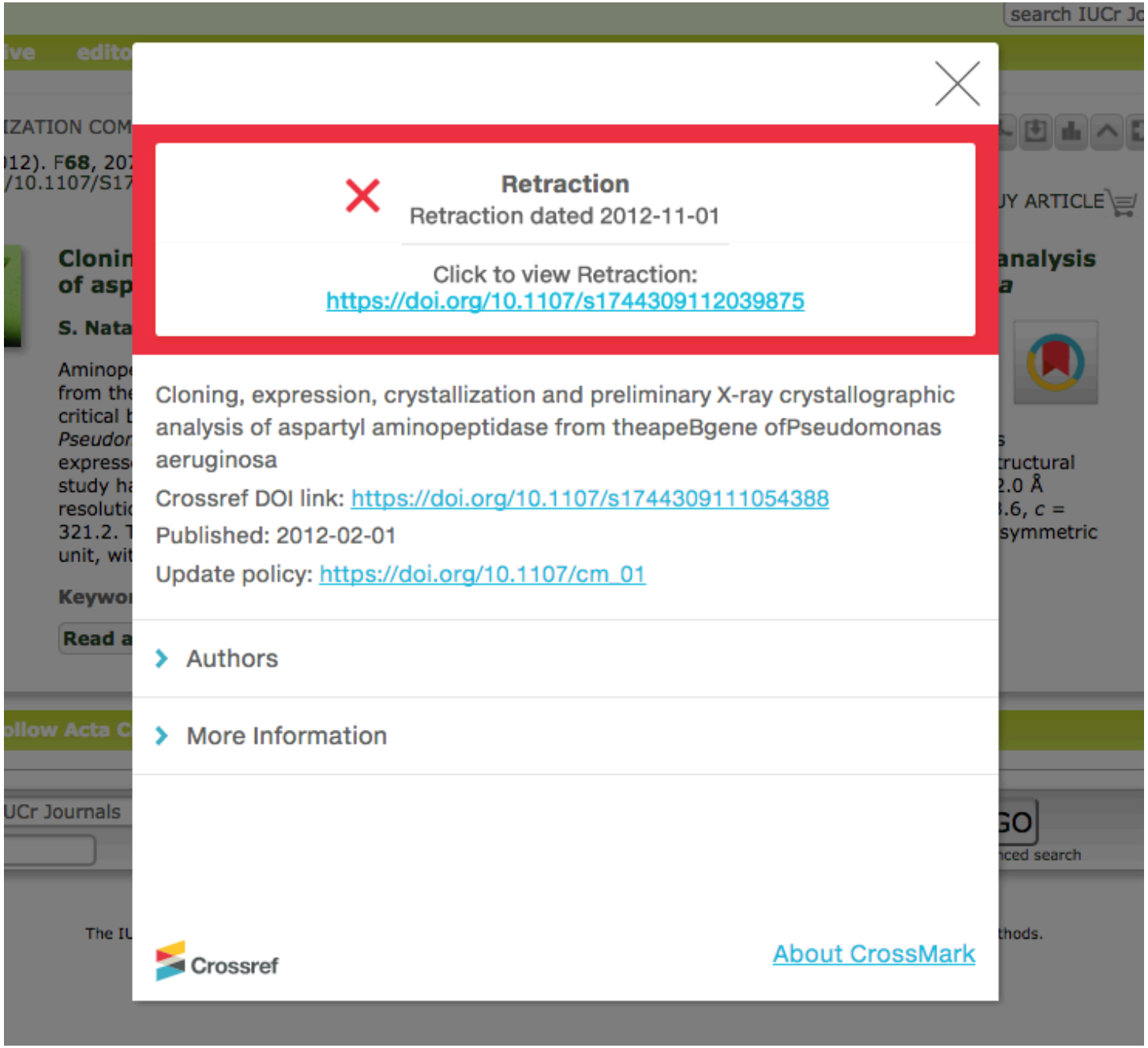
Cloning, expression, crystallization and preliminary X-ray crystallographic analysis of aspartyl aminopeptidase from the *apeB* gene of *Pseudomonas aeruginosa*

S. Natarajan and R. Mathews

Aminopeptidases (APs) are a group of exopeptidases that catalyze the removal of amino acids from the N-termini of proteins and peptides. The APs are ubiquitous in nature and are of critical biological and medical importance because of their key role in protein degradation. *Pseudomonas aeruginosa* aspartyl aminopeptidase (PaAAP), which is encoded by the *apeB* gene, was expressed in *Escherichia coli*, purified and crystallized using the microbatch method. A preliminary structural study has been performed using the X-ray crystallographic method. The PaAAP crystal diffracted to 2.0 Å resolution and belonged to the rhombohedral space group *H*3, with unit-cell parameters $a = b = 133.6$, $c = 321.2$. The unit-cell volume of the crystal is compatible with the presence of four monomers in the asymmetric unit, with a corresponding Matthews coefficient V_M of 2.95 $Å^3$ Da^{-1} and a solvent content of 58.3%.

Keywords: ***Pseudomonas aeruginosa***; **aspartyl aminopeptidase**.

Read article **Correction** **Similar articles**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What constitutes a status update?

A change significant enough to affect the crediting or interpretation of the work

Allowed status update types

addendum
clarification
correction
corrigendum
erratum
expression_of_concern
new_edition
new_version
partial_retraction
removal
retraction
withdrawal

Crossmark Best Practices

- Comprehensive deposit of metadata
- Proper display of Crossmark button above or close to the title of the article
- Timely deposits of publication updates

1. Create a Crossmark Policy Page

- Brief explanation of Crossmark
- Links to policies on corrections and retractions
- Assign a DOI for persistent linking
- Deposit this page with Crossref

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2. Deposit Crossmark Metadata (min.)

- DOI of the content to which Crossmark button will be added
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- DOI of content that this deposit is updating

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3. Add Crossref DOI to web and PDF

- HTML metadata

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- PDF
  - https://www.crossref.org/get-started/crossmark/

- Crossmark button code needs the DOI to find the metadata

4. Add CrossMark button to content

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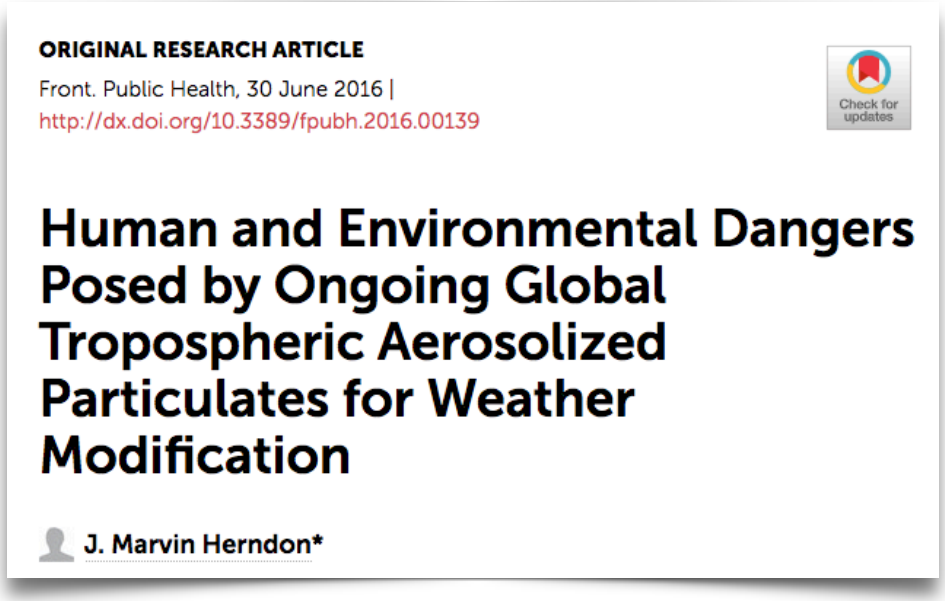

In PDF articles

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Crossmark Widget

Here are all the variations of the Crossmark Widget. View Source of this page to see the embed code.

Whenever possible use one of the buttons that contains the text "Check for updates". The button with no text is provided for edge cases when only a very small area of a web page is available.

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5. Deposit additional metadata

- Funding data
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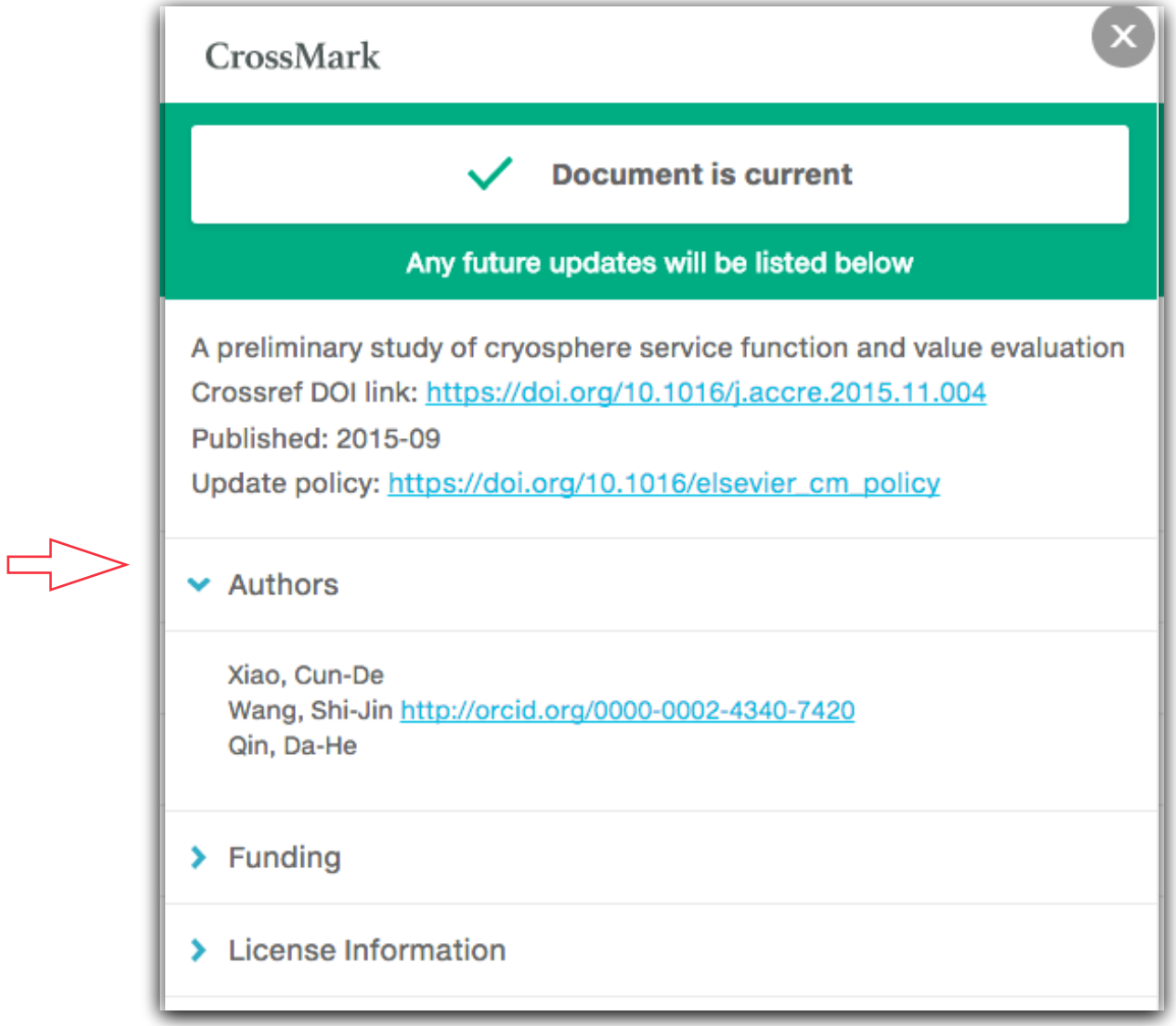
- Clinical trial numbers
- Any additional custom metadata
  - Publication history
  - Similarity Check deposited
  - etc..

http://crossmarksupport.crossref.org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Xiao, Cun-De
Wang, Shi-Jin http://orcid.org/0000-0002-4340-7420
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Any future updates will be listed below

Generation of a cold pulsed beam of Rb atoms by transfer from a 3D magneto-optic trap

Crossref DOI link: https://doi.org/10.1016/j.physleta.2016.07.022

Published: 2016-08

Update policy: https://doi.org/10.1016/elsevier_cm_policy

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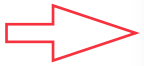

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License Information

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About CrossMark

Current Content = published in the past two years and year to date.

Latest numbers

- 6.8 million Crossmark deposits
- 600 publishers
- 81,000 status updates
    - 2,176 retractions
    - 66,000 corrections
- 3.5 million DOIs with additional metadata

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