Springer
science+business media

Introduction and Springer Tools

Diana Alkema - Senior Account Development Specialist Southern Europe & Africa @ Springer

See pictures of these sessions at **www.facebook.com/SAMinSEA**

Springer
science+business media

Online Tools to support you

- **SpringerLink** (link) – Over 5,5 million documents. Through your library and through Open Access publishing you have access to a great deal of them!
- **springer.com** (link) – A vast information platform regarding all our services and publications.
- **Springer Author Academy** (link) – Here we hope to guide you through the process, answer all your questions about writing scientific research.
- **AuthorMapper.com** (link) – Who, from where, has published what on SpringerLink? Search by author, country, institution or subject and see where the research is coming from.
- **SpringerExemplar.com** (link) – how is a specific term used in context; in a sentence in any of the work published on SpringerLink?
- **LaTeXSearch.com** (link) – Search and copy LaTex codes for mathematical equations.
- **Realtime.springer.com** (link) – Shows article and book chapter downloads as they happen. What are the most downloaded articles in a specific journals, what are the 'hot' keywords?
- To be launched soon: **Springer Journal Selector** – Type in the abstract of your article and receive advise on which journals best match your article, based on the keywords in your abstract.

SpringerLink

SEARCH FOR

GO Advanced Search Search Tips

Springer

AUTHOR OR EDITOR PUBLICATION VOLUME ISSUE PAGE

SHOPPING CART LOG IN

BROWSE 5,573,577 Content items

By Collection

- Architecture and Design
- Behavioral Science
- Biomedical and Life Sciences
- Business and Economics
- Chemistry and Materials Science
- Computer Science
- Earth and Environmental Science
- Engineering
- Humanities, Social Sciences and Law
- Mathematics and Statistics
- Medicine
- Physics and Astronomy
- Professional and Applied Computing

By Featured Library

- Chinese Library of Science
- Russian Library of Science

BROWSE PUBLICATIONS BY CONTENT TYPE

Journals	Books	Book Series	eReferences	Protocols
2,720	50,784	1,605	215	26,313

BROWSE PUBLICATIONS BY TITLE

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0-9

FOR AUTHORS

Learn more about the benefits of publishing with Springer...

FOR LIBRARIANS

Stay current on print and digital products offered by Springer...

FOR SOCIETIES

Get news about the benefits of partnering with Springer...

Search Within All Content

GO

Filter These Results

Add criteria from below to refine these results

Collection

- Biomedical and Life Sciences (9,868)
- Chemistry and Materials Science (18)
- Earth and Environmental Science (17)
- Computer Science (8)
- Humanities, Social Sciences and Law (5)
- Business and Economics (3)
- Mathematics and Statistics (2)
- Professional and Applied Computing (1)

Copyright Year

SpringerLink Date

Search results for '"Potato Research"' with no filters

Viewing items 1 - 10 of 9,922

Sort by: Relevance Date Title First Previ

Journal Article

Potato research men confer in Wisconsin

R. W. Hougas and R. H. Larson

American Journal of Potato Research, 1954, Volume 31, Number 6, Pages 183-186

Download PDF (710.0 KB)

Journal Article

Contents—Potato research volume 29 (1986)

American Journal of Potato Research, 1987, Volume 64, Number 8, Pages 415-419

Download PDF (203.0 KB)

Journal Article

European Association for potato research

Notices of the Council of the Association — Vorstandsmitteilungen —Commun

Save this item

Search results for "'Potato Research'" with the filter: Journals

Viewing 2 items

Sort by: Relevance Date Title

Potato Research

Volume 1 / 1958 - Volume 54 / 2011

American Journal of Potato Research

Volume 1 / 1923 - Volume 88 / 2011

Sort by: Relevance Date Title

Journal | About

BIOMEDICAL AND LIFE SCIENCES

Volume 1 / 1958 - Volume 54 / 2011

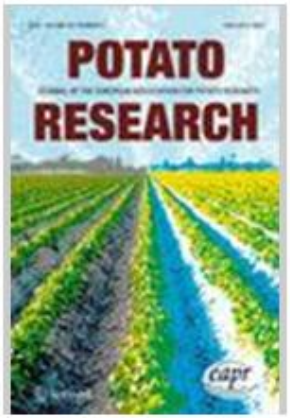
Collection
Biomedical and Life Sciences

Subjects
Life Sciences
Life Sciences
Plant Sciences
Agriculture
Plant Genetics and Genomics
Plant Systematics/Taxonomy/
Biogeography

ISSN
0014-3065 (Print)
1871-4528 (Online)

Additional Links
Register for TOC Alerting
Get the table of contents of every new issue published [external site]
Editorial Board
Submissions
About This Journal

Publisher
Springer Netherlands



Potato Research

Volume 1 / 1958 - Volume 54 / 2011

Online First™

Articles available b

Viewing 3 items

Sort by: Date

Online First

f Photoperiod on Tuberisation in Cultivated × Wild Potato Species

P. Kittipadukal, P. C. Bethke and S. H. Jansky

Online First™, 24 January 2012

Download PDF (253.9 KB) View HTML

Online First

Effects of Age and Pretreatment of Tissue-Cultured Potato Plants on Subseque
Production

Introduction and Springer Tools

Springer
science+business media

elated Documents

Journal Article
Potato steroidal glycoalkaloid levels and the expression of key isoprenoid metabolic genes Pinchas Krits

Journal Article
A major QTL and an SSR marker associated with glycoalkaloid content in potato tubers from Solanum tuberosum × S. sparsipilum located on chromosome I Kirsten Kørup Sørensen

Journal Article
Mapping of genes associated with leptine content of tetraploid potato B. Sagredo

Journal Article
A QTL that confers resistance to Colorado potato beetle (Leptinotarsa decemlineata [Say]) in tetraploid potato populations segregating for leptine Boris Sagredo

POTATO RESEARCH
Volume 52, Number 1, 1-15, DOI: 10.1007/s11540-008-9103-4

Potato Steroidal Glycoalkaloids: Biosynthesis and Genetic Manipulation

Idit Ginzberg, James G. Tokuhisa and Richard E. Veilleux

Download PDF (283.0 KB) | View HTML | Permissions & Reprints

REFERENCES (98) | CITED BY (9) | EXPORT CITATION | ABOUT

Abstract

The potato steroidal glycoalkaloids (SGAs) are important components of plant resistance against pests and pathogens but can be toxic to humans at high levels. SGAs derive their toxicity from anticholinesterase activity affecting the central nervous system and the disruptive effects on cell membrane integrity affecting the digestive system and other organs. Accordingly, current safety regulations limit their content in the edible tuber to 20 mg per 100 g fresh weight. SGA composition and level are genetically determined, with unfavourable growth conditions and inappropriate postharvest management inducing the accumulation of SGAs at levels in the tubers of “safe” cultivars beyond the maximum level set by the industry. Hence, genetic alteration of potato to prevent toxic levels of SGAs in tubers is highly desirable. At the same time, maintaining high SGA levels in other plant organs will contribute to plant resistance

Springer
science+business media

iew Related Documents

Journal Article
Potato steroidal glycoalkaloid levels and the expression of key isoprenoid metabolic genes Pinchas Krits

Journal Article
A major QTL and an SSR marker associated with glycoalkaloid content in potato tubers from Solanum tuberosum × S. sparsipilum located on chromosome I Kirsten Kørup Sørensen

Journal Article
Mapping of genes associated with leptine content of tetraploid potato B. Sagredo

Journal Article
A QTL that confers resistance to Colorado potato beetle (Leptinotarsa decemlineata [Say]) in tetraploid potato populations segregating for leptine Boris Sagredo

POTATO RESEARCH
Volume 52, Number 1, 1-15, DOI: 10.1007/s11540-008-9103-4

Potato Steroidal Glycoalkaloids: Biosynthesis and Genetic Manipulation

Idit Ginzberg, James G. Tokuhisa and Richard E. Veilleux

Download PDF (283.0 KB) View HTML Permissions & Reprints

ABSTRACT REFERENCES (98) CITED BY (9) ABOUT

Export Citation

Export

- Citation Only
- Citation and Abstract

Select Citation Manager:

ProCite

ProCite
BibTex
EndNote
Reference Manager
PubMed (NLM)
RefWorks
BookEnds
Text Only

EXP

Introduction and Springer Tools

Springer
science+business media

View Related Documents

Journal Article
Potato steroidal glycoalkaloid levels and the expression of key isoprenoid metabolic genes Pinchas Krits

Journal Article
A major QTL and an SSR marker associated with glycoalkaloid content in potato tubers from Solanum tuberosum × S. sparsipilum located on chromosome I Kirsten Kørup Sørensen

Journal Article
Mapping of genes associated with leptine content of tetraploid potato B. Sagredo

Journal Article
A QTL that confers resistance to Colorado potato beetle (Leptinotarsa decemlineata [Say]) in tetraploid potato populations segregating for leptine Boris Sagredo

POTATO RESEARCH
Volume 52, Number 1, 1-15, DOI: 10.1007/s11540-008-9103-4

Potato Steroidal Glycoalkaloids: Biosynthesis and Genetic Manipulation

Idit Ginzberg, James G. Tokuhisa and Richard E. Veilleux

TAG THEORETICAL AND APPLIED GENETICS

Mapping of genes associated with leptine content of tetraploid potato

B. Sagredo, A. Lafta, H. Casper and J. Lorenzen

Pages 131-142

Show Summary Download PDF (253.8 KB) View HTML

Abstract

High content of leptine glycoalkaloids present in *Solanum chacoense* has been associated with genetic resistance to Colorado potato beetle (*Leptinotarsa decemlineata* [Say]). From an unrecorded accession of *S. chacoense*, the North Dakota State University breeding program has developed a tetraploid genotype, ND4382-19, that contains foliar leptines. In this study, using a segregating population, ND5873 (ND4382-19 × Chipeta), and GC-MS to analyze foliar content of alkaloids, two loci, involved in the synthesis of leptines were identified. They segregated as two complementary epistatic genes that allowed the synthesis of leptinidine (Lep) and acetyl-leptinidine (AL), respectively. Partial AFLP maps for both parents were developed using 97 individuals from population ND5873. The total lengths mapped for ND4382-19 and Chipeta were 1,883 and 1,021 cM, respectively. The marker for Lep was located at the distal end of simplex-coupling linkage group R37. Expansion of the initial mapping population and analysis of Lep-containing individuals allowed us to

Permissions & Reprint

98) CITED BY (9) ABOU

SEARCH FOR ONLINE CONTENT

SpringerLink
Discover the world's largest collection of STM books, journals, protocols & reference works

SpringerImages
Find all graphics and visuals from our online publications on SpringerImages

SpringerProtocols
Browse our database of reproducible protocols in life & biomedical sciences on SpringerProtocols

SpringerMaterials
Find numerical data & functional relationships in science and technology on SpringerMaterials

SpringerReference
Read continually updated live reference works, existing & forthcoming

CHOOSE A SUBJECT

- Architecture & Design
- Astronomy
- Biomedical Sciences
- Business & Management
- Chemistry
- Computer Science
- Earth Sciences & Geography
- Economics
- Education & Language
- Food Science & Nutrition
- Law
- Life Sciences
- Materials
- Mathematics
- Medicine
- Philosophy
- Physics
- Psychology
- Public Health

FIND ALL OUR SERVICES

- For Advertisers
- For Authors
- For Booksellers

LATEST NEWS

New York / Heidelberg, 15 February 2012

Handbook of Data Intensive Computing evaluates the state-of-the-art in new field

Springer Journal Author Academy

Welcome to the **Journal Author Academy**, a guide from Springer and Edanz on writing and publishing.

You can use the links to the right or below to find advice on specific topics.

Before you begin, it may be useful to remind yourself of why publishing your work is important. You might need to publish in order to graduate, get a job, or advance your career. But first take a moment to think about two of the most important aims of scientists:

- To add to the **body of human knowledge**
- To help yourself and others **understand the nature of the universe**

You can't accomplish these goals without publishing! After all, the main way that others learn about your work is through your published articles. If you don't publish, other researchers can't build on your work; it will be as if you never did the research.

In other words: **Your research is NOT complete until it has been published**

» 日本語はこちらをクリックしてください。

OVERVIEW

» Why publish in English?

NAVIGATE TO...

- Journal Author Home
- How to publish your journal article
- Book Author Home
- How to publish your book

JOURNAL AUTHOR ACADEMY

- Overview
- Before you begin
- Choosing a journal
- Structuring your manuscript
- Display items
- Overcoming language barriers
- Publication ethics
- Submitting
- Peer review
- About Edanz

SEARCH

Potato Research

Show all options | Map it

Start a new search

KEYWORDS

potato Potato
Solanum tuberosum L.
Solanum tuberosum
Solanum tuberosum
Biological control Gene expression
resistance Rice
Solanum tuberosum
RAPD AFLP
Genetic diversity Tomato Wheat

YEAR PUBLISHED

CURRENTLY DISPLAYING: "Potato Research"

Embed

SEARCH RESULTS

1 2 3 4 5 > >>

31421 ARTICLES | 84100 AUTHORS | 23738 INSTITUTIONS | 2670 PUBLICATIONS

Showing 1 to 10 of 31421 matching Articles Results per page: 10

The Potato Association of America 93rd Annual Meeting

American Journal of Potato Research (2010) 87: 83-147, January 27, 2010

exemplar
words in context beta

Powered by Springer

Concept by BMHLINGUISTICS
Centre for Biomedical and Health Linguistics

Snippet Search

Searching **5,738,527** documents.

Discover how a particular term or phrase is used in scientific literature

Search for: Potato Research

Subject: Type and select from list OR Publication: Type and select from list

Search

year published

subject

(see all 70)

Life Sciences	133
Plant Sciences	121
Agriculture	110
Plant Genetics & Genomics	96
Plant Pathology	61

Showing 1 to 25 of 153 matching articles

Results per page: 25

1 | 2 | 3 | 4 | 5 | > >>

... published in the American Journal of	Potato Research	(AJPR) 86:112–115. ...
... Summary	Potato Research	started as the "European Potato ...
... was established in 1992 at the	Potato Research	Centre of Agriculture and Agri-Food ...
... and achievements of 40 years of	potato research	in agronomy; genetics, breeding and ...
... Section meetings of the EAPR),	Potato Research	publishes original papers on ...
... with severe tuber symptoms. At the	Potato Research	Center (IHAR) in Młochow, Poland, ...
... pedigree have also been reported in	potato research	due to a narrow genetic base ...
... in sandy loam soils at the Central	Potato Research	Station, Jalandhar (31°02' N, 75°02' ...
... Kufri Chipsona-2 grown at the Central	Potato Research	Institute farm during 2005 were used ...

LaTeX Search Beta

Springer

The Springer LaTeX search lets you search through over 5,482,149 LaTeX code snippets to find the equation you need.

Latex Code

Search

View Advanced Search

SAMPLE SEARCHES

\sqrt{{{1}\over {N-3}}

\frac{{\alpha_{\gamma}}}

\tilde{\beta}

{\hbox{PE}}

"\epsilon" AND "2\pi"

"\bar \delta _q" OR "\frac{dw}{dz}"

SAMPLE RESULT

Self-intersections of random walks on lattices

Acta Mathematica Hungarica (2002) 96:187-220, August 01, 2002

$$P\left(E_n^{(d)}, \text{i.o.}\right) = 0 \quad \text{or} \quad 1$$

Hide Latex Code

```
P\left( {E_n^{\left( d \right)} ,{\text{i}}{\text{.o}}{\text{.}}}
\right) = 0\quad {\text{or}}\quad {\text{1}}
```

> LaTeX Search ... allows researchers to search for LaTeX formatted equations in all of Springer's journals. That's something you can't do with Google, or any other search engine.The ability to connect obscure mathematical discoveries from disparate fields of science could soon be facilitating new avenues of research, perhaps even new methodolgies.
>
> *– Eric Hellman, http://go-to-hellman.blogspot.com*

> LaTeX Search does what it promises, using similarity algorithms "to normalize and compare LaTeX strings so that, if similar equations are written slightly differently,

Realtime.springer.com is a special service that gives you insight into what content is being read by the scientific community, all over the world, as it is happening.

Search Search publication titles GO

Keyword Tag Cloud

Trending topics of recently-downloaded articles

Download Map

Where Springer's downloads are coming from

Feed

Icons

Springer
science+business media