Papers Published/Accepted/Communicated


2. Development of microbial resistant Ag-transdermal scaffolds by environmental friendly green process. **Gownolla Malegowd Raghavendra**, Tippabattini Jayaramudu, Kokkarachedu Varaprasad, G. Siva Mohan Reddy, Rotimi Sadiku, Koduri Ramam, Konduru Mohana Raju, has been applied for a Patent and it has crossed all the preliminary stages and is in the final review process.


Published Papers other than Ph.D work


Carbohydrate Polymers

A Journal Devoted to Scientific and Technological Aspects of Industrially Relevant Polysaccharides

Carbohydrate Polymers covers the study and exploitation of polymers of sugars which have current or potential industrial application in areas such as bioenergy, bioplastics, biorefining, drug delivery...

View full aims and scope

Editors: J.F. Kennedy, J.R. Mitchell
View full editorial board

Impact Factor: 3.479
5-Year Impact Factor: 3.942
Imprint: ELSEVIER
ISSN: 0144-8617

Open Access in Carbohydrate Polymers

Recent Open Access Articles

Most Downloaded Articles

1. Microfibrillated cellulose – its barrier properties and applications in cellulosic materials: A review
Nathalie Lavoine | Isabelle Desloges | ...

2. Green composites from sustainable cellulose nanofibrils: A review
H.P.S. Abdul Khaliq | I. H. Rizal | ...
Market Assessment (early to mid-term analysis)

DEVELOPMENT OF MICROBIAL RESISTANT Ag®-TRANSDERMAL SURGICAL CELLULOSE SCAFFOLDS via ENVIRONMENTALLY FRIENDLY PROCESS

Document Authors: Constance Ramusi & Phumuza Langa


Date: 18 September 2013

Version no: 02
**RSC Advances**

**Microbial resistant nanocurcumin-gelatin-cellulose fibers for advanced medical applications**

<table>
<thead>
<tr>
<th>Journal</th>
<th>RSC Advances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manuscript Id</td>
<td>RA-ART-11-3013-666478.R1</td>
</tr>
<tr>
<td>Article Type</td>
<td>Paper</td>
</tr>
<tr>
<td>Date Submitted by the Author</td>
<td>n/a</td>
</tr>
<tr>
<td>Complete List of Authors</td>
<td>Gownumma Malegowda, Raghavendra; S.K.U, Polymer Science &amp; Tech Tippabattil, Jayaramudu; SKU, Polymer Science &amp; Tech Varaprasad, Kokkarschedur; Universidad de Concepcion, Departamento de Ingeniería de Materiales-DIMA KengamalRamade; SKU, Polymer Science &amp; Tech Raju, K. Mohana; S.K.U, Polymer Science &amp; Tech</td>
</tr>
</tbody>
</table>

**SCHOLARONE™**

**Manuscripts**
We are pleased to let you know that your RSC Advances article 'Microbial resistant nanocurcumin-gelatin-cellulose fibers for advanced medical applications' has been passed to our Editorial Production department. It has been assigned a production reference number of C3RA46429F. All correspondence regarding your paper post-acceptance should be addressed to the Editorial Production department (advances@rsc.org) and quote this reference number.

You can correctly reference this article in any related papers before page numbers have been assigned. The reference should be in the form: RSC Adv., DOI:10.1039/C3RA46429F.

PDF proofs for correction will be sent to you by e-mail in due course. Please note that authors are responsible for the final proof-reading of manuscripts. It is imperative that you check your proofs (including any tabulated data and figures) very carefully. Proof corrections will need to be returned to the Editorial Production office within 48 hours of receipt. All corrections should be sent at the same time. Papers are published as Advance Articles on the web as soon as possible after we receive proof corrections from the authors. Late corrections cannot be incorporated after publication of the Advanced Article.

Best wishes

RSC Publishing

Royal Society of Chemistry, Thomas Graham House, Science Park, Cambridge, CB4 0WF, UK
E-mail: advances@rsc.org
Website: http://www.rsc.org and http://www.chemsoc.org
Direct laser writing of random Au nanoparticles three-dimensional structures for highly reproducible microm. SERS measurements
Conferences and Workshops Attended


3. Attended National seminar on “Chemistry and Global Perspectives” at Dept. of Chemistry, Sri Krishnadevaraya University, Anantapur, A. P. during 24 -26th, October 2011.


Your profile doesn't include a verified email and won't appear in Google Scholar search.

My Citations - Help

Follow this author

Follow new articles

Follow new citations

Co-authors

Dr. K. Varaprasad
Professor Suprakas Sin...
Jayaramudu Tippabattini

View all co-authors

Name
Email

Inviting co-author

Send invitation

Change photo
Raghavendra G M

Research Fellow

Functional Nanomaterials

No verified email

My profile is public

Citation indices

<table>
<thead>
<tr>
<th></th>
<th>All</th>
<th>Since 2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citations</td>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td>h-index</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>i10-index</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Select: All, None

Citations to my articles

<table>
<thead>
<tr>
<th>Title / Author</th>
<th>Cited by</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Development of novel biodegradable Au nanocomposite hydrogels based</strong></td>
<td>9</td>
<td>2012</td>
</tr>
<tr>
<td>on wheat: For inactivation of bacteria</td>
<td></td>
<td></td>
</tr>
<tr>
<td>T Jayaramudu, GM Raghavendra, K Varaprasad, R Sadiku, KM Raju</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carbohydrate polymers</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Cellulose-polymer-Ag nanocomposite fibres for antibacterial fabrics/skin</strong></td>
<td>6</td>
<td>2012</td>
</tr>
<tr>
<td>scaffolds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GM Raghavendra, T Jayaramudu, K Varaprasad, R Sadiku, SS Ray, KM Raju</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carbohydrate polymers</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Iota-Carrageenan-based biodegradable Ag&lt;sup&gt;&lt;/sup&gt; O&lt;sup&gt;&lt;/sup&gt; nanocomposite</strong></td>
<td>3</td>
<td>2013</td>
</tr>
<tr>
<td>hydrogels for the inactivation of bacteria</td>
<td></td>
<td></td>
</tr>
<tr>
<td>T Jayaramudu, GM Raghavendra, K Varaprasad, R Sadiku, K Ramam, KM Raju</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>