



# ScienceDirect solution & Applications

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Responsável pelo Treino e Formação em Portugal

Novembro 2012



# Resumo da apresentação



**1. Elsevier**

**2. ScienceDirect**

**3. Aplicações**

**4. Perguntas e Respostas**

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ScienceDirect

Niels Bohr Physics



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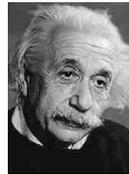
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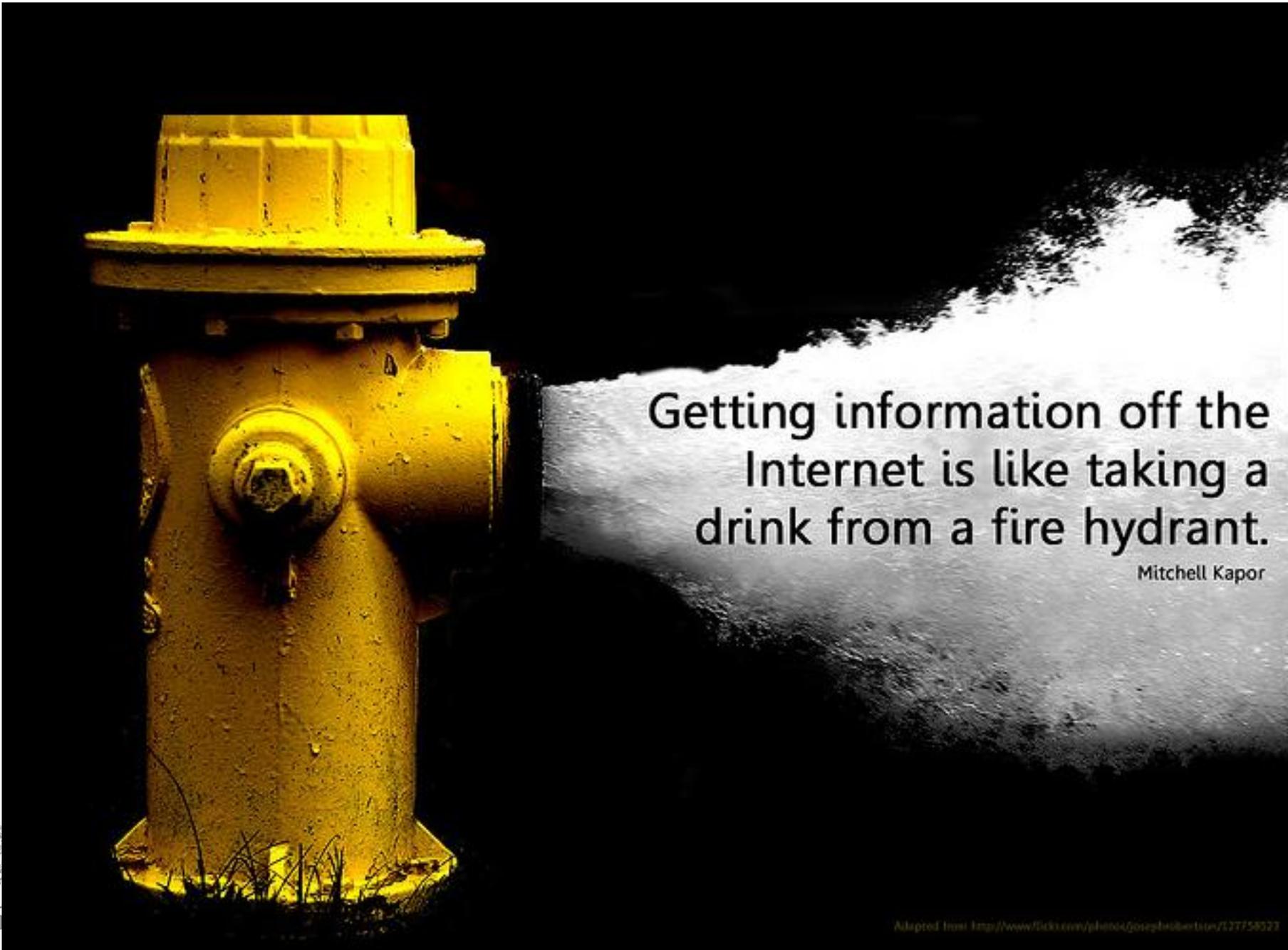
Roger D. Kornberg Chemistry



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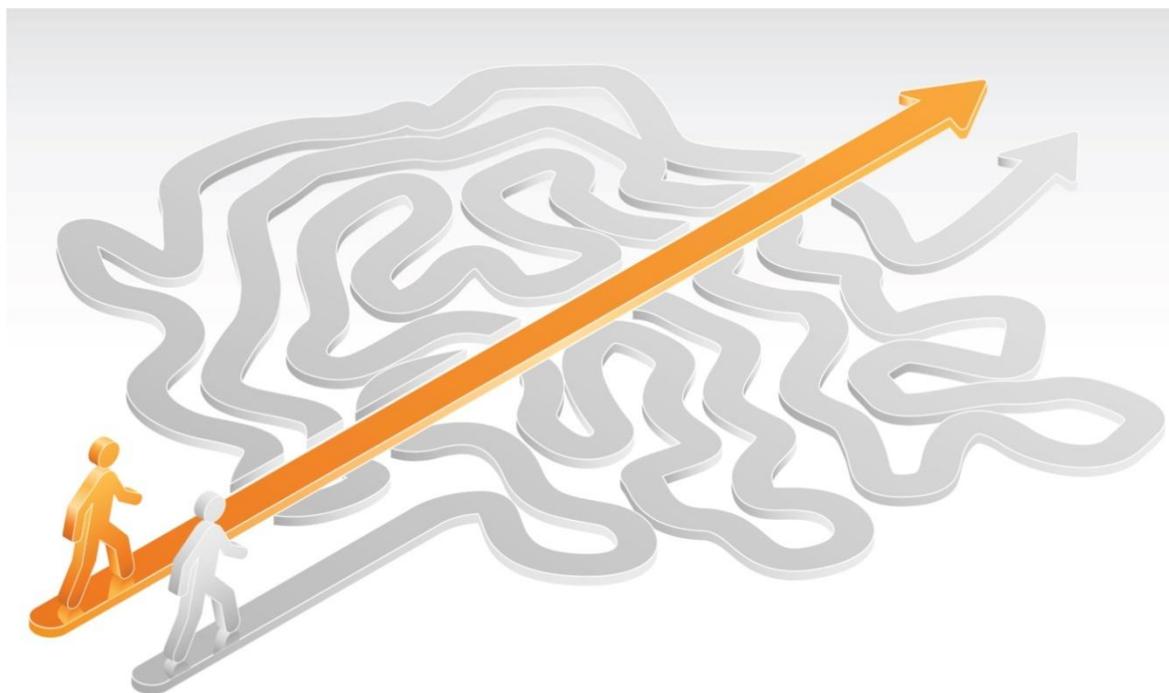




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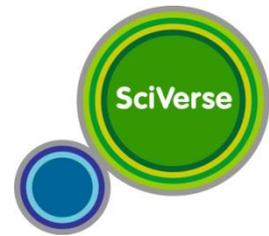
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# Resumo da apresentação



**1. Elsevier**

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## THE LANCET

these are unnecessary, and we content ourselves by merely stating what directions their energy will be most active: To the Medical and Surgical Practitioners of this city, whose assiduous pursuit their personal attendance at the Hospitals—To Country Practitioners, whose treatment from the best sources, as it were, of scientific knowledge, leaves them almost without the means of ascertaining its progress. To the numerous classes of Students, whether here or in distant universities—To Colonial Practitioners—And, finally, to every individual in these realms. Consequently, we shall exclude from our pages the uninteresting phenomena of the Schools, and adopt as its medium, plain English diction. In this attempt, we are well aware that we shall be assailed by such unaccounted opposition. But, notwithstanding this, we will fearlessly discharge our duty. We hope the signs of "Mental Defiance" has passed, and that mystery and concealment will no longer be encouraged. Indeed, we trust that mystery and ignorance will shortly be considered synonymous. Ceremonies, and signs, have now lost their charms; hieroglyphs, and gilded urns, have lost their power to deceive. But for these, it would have been possible to imagine how it has happened that medical and surgical knowledge of all others the most calculated to benefit Man, should have been by him the most neglected. He studies with the greatest attention and anxiety the constitutions of his horses and his dogs, and learns all their peculiarities; whilst of the nature of his own life is wholly unattended, and equally unskilled as regards his own suffering. Yet, a little reflection and application would enable him to wren from himself and family half the constitutional disorders that afflict society; and in addition to these advantages, his acquirements in Medical learning would furnish him with a test by which he could detect and expose the impostures of ignorant practitioners.

In conclusion—we respectfully observe, that our Columns will not be restricted to Medical intelligence, but on the contrary we shall be indebted in our exertions to render "THE LANCET" a complete Chronicle of current Literature.

OCTOBER 1, 1823

## SURGICAL LECTURES.

Theatre, St. Thomas's Hospital,  
WINDSOR, ENGLAND,  
OCT. 1, 1823.

At half-past Seven this Theatre was crowded in every part, by upwards of four hundred Students, of the most respectable description; in fact we never before witnessed so grand a Surgical class: for eight was most pleasing, for they all appeared gentlemen of cultivated manners and good education.

About Eight o'clock, for ANTON COOPER arrived, and was received with the most enthusiastic applause; when it had ceased, this distinguished Professor commenced his discourse by observing,—That, while it is the province of the Physician to attend to internal diseases, it is the duty of the Surgeon to attend to those that are external; to perform operations for the removal of diseased parts; and to know how to regulate the system by the use of medicines, when local diseases are produced by constitutional derangement. Surgery is usually divided into the Principles and Practice. The first are learned

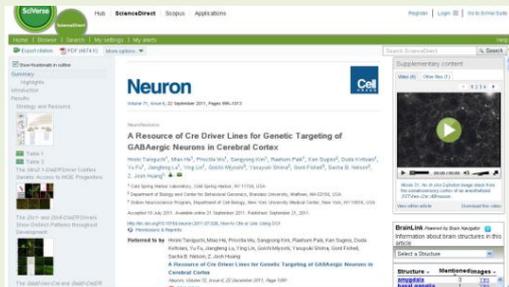
operations on the living and the dead, and by experiments made on living animals. Our inductions from these sources, furnish us with the means of knowing a malady by its symptoms, the alteration of structure in a part when diseased, and the various ways in which Nature attempts the reparative process, both in external and internal parts. A man who has seen much of morbid preparations, possesses great advantages; but his knowledge cannot be perfect unless he has frequently seen the subject under dissection, in which he must himself have assisted. In the surgical sciences hypothesis should be entirely discarded. And sound theory, derived from actual observations and experience, alone encouraged. The first is an ignis fatuus that is sure to mislead; the last a polar star, a never-fading guide. Experiments on living animals have been found of the greatest utility in directing us to a knowledge of the means by which Nature acts in the reparation of injuries, and in the restoration of lost parts. Thus the method she would adopt in uniting a fracture in the bone of a dog, will show you the manner in which union would happen in the fracture of a

The Lancet – vol 1, no. 1 - 1823.

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# Publicações na Web

## Artigo em 1976

*Inorganica Chimica Acta*, 20 (1976) 183-185  
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183

### Tin(IV) Complexes with 2-Methoxy-2'-Hydroxy Chalkones

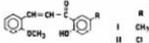
N. S. BIRADAR\*  
Department of Chemistry, Karnatak University, Dharwar-580003  
B. R. PATIL and V. H. KULKARNI  
Department of Chemistry, Karnatak University Post-Graduate Centre, Gulbarga-5, India  
Received February 18, 1976

*Tin(IV) complexes with 2-methoxy-2'-hydroxy-5'-methyl and 2-methoxy-2'-hydroxy-5'-chloro chalkones have been prepared in benzene medium. The elemental analyses indicate Sn:L-Cl<sub>2</sub> stoichiometry (where LH is the ligand). They appear to be non-electrolytes in DMF. They are insoluble in most of the common organic solvents indicating the extended polymeric chain structure. The infrared spectral studies in the region 4000-200 cm<sup>-1</sup> suggest that tin(IV) has coordination number six in these complexes.*

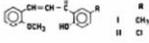
#### Introduction

In the previous paper we have reported the magnetic and spectral properties of a few nickel(II) complexes with 2,2'-dihydroxy chalkones [1]. Now we have extended this study to the synthesis and spectral properties of Tin(IV) [2] and titanium(IV) complexes [3].

In this present communication we report the synthesis and i.r. spectral study of tin(IV) complexes with 2-methoxy-2'-hydroxy-5'-methyl and 2-methoxy-2'-hydroxy-5'-chloro chalkones.



I



II

#### Experimental

##### Materials and Methods

Chalkones I and II were prepared by the known method [1] using 2-OH-5-Me-acetophenone, 2-OH-5-Cl-acetophenone and 2-methoxybenzaldehyde.

##### Preparation of Complexes

Anhydrous tin(IV) chloride was of Riedel make and used as such for the complexation.

\*All correspondence to this address.

\*The values in parenthesis are the calculated values.



## Artigo em 2011

*Inorganica Chimica Acta* 363 (2010) 2016–2020

Contents lists available at ScienceDirect

*Inorganica Chimica Acta*

journal homepage: [www.elsevier.com/locate/ica](http://www.elsevier.com/locate/ica)

### Mechanism of the cobalt-catalyzed carbonylation of ethyl diazoacetate

Neszta Ungvári, Eszter Fördös, Tamás Kégl, Ferenc Ungváry\*

Department of Organic Chemistry, University of Pannonia, K.Ö.1V. Veszprém, Egervári u. 10, Hungary

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Dedicated to Professor László Markó on the occasion of his 80th birthday.

Keywords:  
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Carbene and carbonyl ligands  
C-C coupling  
Ketene  
Density functional calculations

ABSTRACT

Carbonyl cobalt complexes serve as catalysts or catalyst precursors for the facile and selective transformation of primary diazoalkanes into the corresponding ketenes. The mechanism of this carbonylation reaction has been elucidated in the case of ethyl diazoacetate as model diazoalkane using octacarbonyl dicobalt as the catalyst precursor. Dinuclear cobalt complexes having ethoxycarbonylcarbene ligands in bridging positions have been identified as active intermediates of the catalytic cycles and their relevant chemical properties have been explored. Key step of the carbonylation is the formation of the highly reactive ethoxycarbonylketene by intramolecular coupling of a carbonyl ligand with the ethoxycarbonylcarbene ligand. DFT calculations reveal that the ketene formation takes place via a rapid coupling of the carbene ligand with one terminal CO followed by coordination of an external carbon monoxide and by a facile intramolecular rearrangement and ketene elimination. The ethoxycarbonylketene can be in situ trapped by OH, NH, or CH acid compounds or by N-substituted imines. In the presence of ethyl diethyl malonate is the only product of the catalytic carbonylation of ethyl diazoacetate. On the basis of the kinetics of the composing steps of the catalytic cycles, localization of the rate-determining step(s) under various reaction conditions has been made.

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#### 1. Introduction

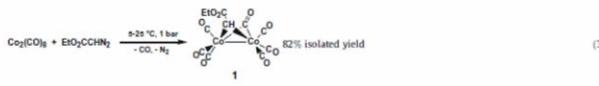
Octacarbonyl dicobalt was found to be an effective deazotization reagent for (trimethylsilyl)diazomethane [1] or ethyl diazoacetate [2]. In the deazotization reaction of (trimethylsilyl)diazomethane with  $\text{Co}_2(\text{CO})_8$  (trimethylsilyl)ketene is formed selectively either under catalytic (reaction 1) or under stoichiometric (reaction 2) reaction conditions. In the presence of 10 mol%  $\text{Co}_2(\text{CO})_8$  solutions of (trimethylsilyl)diazomethane in n-hexane are selectively carbonylated at 10 °C under an atmosphere of carbon monoxide to (trimethylsilyl)ketene in up to 80% isolated yield (reaction 1).

$$\text{Me}_3\text{SiCHN}_2 + \text{CO} \xrightarrow[10^\circ\text{C, 1 bar}]{10\% \text{ mol } \text{Co}_2(\text{CO})_8} \text{Me}_3\text{SiC}=\text{C}=\text{O} + \text{N}_2 \quad (1)$$

In the absence of external carbon monoxide the coordinated carbon monoxide ligands of octacarbonyl dicobalt are consumed in the (trimethylsilyl)ketene formation (reaction 2).

$$8\text{Me}_3\text{SiCHN}_2 + \text{Co}_2(\text{CO})_8 \xrightarrow[40^\circ\text{C, 10 min}]{\Delta, 1 \text{ bar}} 8\text{Me}_3\text{SiC}=\text{C}=\text{O} + 8\text{N}_2 + 2\text{Co} \quad (2)$$

No intermediary cobalt complexes were detected by infrared spectroscopy in reactions 1 and 2. Ethyl diazoacetate behaves differently in the deazotization reaction. At ambient conditions ethoxycarbonylcarbene-bridged dicobalt carbonyl complexes 1 and 2 were isolated from the reaction mixtures in good yields (reactions 3 and 4). Under an atmosphere of carbon monoxide the ethoxycarbonylcar-



(3)

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E-mail address: [ungvary@almos.vein.hu](mailto:ungvary@almos.vein.hu) (F. Ungváry).

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# ScienceDirect – Objetivos da nova estruturação



- ✓ Optimização da divulgação da pesquisa científica
- ✓ Oferece aos autores uma melhoria na exposição da investigação
- ✓ Aumenta a cadeia de valor para os utilizadores

# Distribuição no ecrã

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### Article outline

Show thumbnails

View article in Diagonal reader

Top

Abstract

1. Introduction

2. Experiment 1: gestural descriptions of simple scenarios

2.1. Method

2.1.1. Participants

2.1.2. Stimuli

2.1.3. Procedure

2.2. Results



2.3. Discussion

3. Experiment 2: gestural descriptions of complex scenarios

3.1. Method

3.1.1. Participants

3.1.2. Stimuli

3.1.3. Procedure

3.2. Results

3.3. Discussion

4. Experiment 3: gesture comprehension

4.1. Method

4.1.1. Participants

4.1.2. Stimuli

4.1.3. Procedure

4.2. Results

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## Cognitive Psychology

journal homepage: [www.elsevier.com/locate/ycogp](http://www.elsevier.com/locate/ycogp)

### Cognitive systems struggling for word order

Alan Langus<sup>a</sup>, Marina Nespor<sup>b,c</sup>

Corresponding author. Address: University of Milano-Bicocca, Piazza dell'Ateneo Nuovo 1, 20126 Milan, Italy. Fax: +39 040 3787 615.

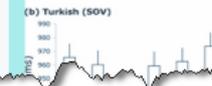
<sup>a</sup> International School of Advanced Studies—SISSA, Via Beirut 2-4, 34014 Trieste, Italy

<sup>b</sup> University of Milano-Bicocca, Piazza dell'Ateneo Nuovo 1, 20126 Milan, Italy

<sup>c</sup> Interdisciplinary Center B. Segre, Accademia dei Lincei, Italy

#### Research highlights

- Gesture production and comprehension show a preference for a single, possibly non-native and non-syntactic word order.
- Improvised gestural communication does not rely on the computational system of grammar (syntax).
- Speech comprehension experiment demonstrates specific word order preferences in the computational system of grammar (syntax).
- The preferences for conflicting word orders in communication and language illustrate a struggle between individual cognitive systems trying to impose their preferred structure on human language.
- The results suggest that human language is the product of evolutionary tinkering.



Show:

- Appendix
- Article information
- Author information (2)
- Related articles (5)
- Figures (5)
- Experimental flowcharts (4)
- Stimuli examples (8)
- Presentation
- Appendix
- References (67)
- Footnotes (3)
- Highlight links

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#### Appendix E: video 1

The video-clips describing the same vignette thus ordered in the order of the constituents



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**1. Resumo**

**2. Artigo**

**3. Extras**

# Como a reestruturação do artigo na ScienceDirect transforma o problema do utilizador em solução (1/3)



The length of pure CNTs produced from toluene at 800 °C was ca. 110±11 µm whereas CN<sub>2</sub> nanotubes synthesised from benzylamine were 17±2 µm long, i.e. only 15% of the length of the CNTs synthesised from toluene. This result shows that N slows down the nanotube formation significantly, which leads to shorter tubes [15]. Unfortunately, the length of the CB<sub>2</sub> and CH<sub>2</sub> v nanotubes could not be identified since they occurred in cotton wool-like bundles only and did not form flakes consisting of aligned tubes. However it was observed that CB<sub>2</sub> and CH<sub>2</sub> v nanotubes formed a several nm thick elastic soot layer, which may be an indication that B doping considerably increased the length of carbon nanotubes [14].

TEM investigations showed that pure CNTs and CN<sub>2</sub> nanotube samples were 'clean', i.e. they contained less than 5 wt.% amorphous carbon and almost no polyhedral carbon particles. CB<sub>2</sub> and CH<sub>2</sub> v nanotube samples produced above 1000 °C were also clean, yet samples synthesised at 800 °C contained more than 10 wt.% amorphous carbon. Fe catalyst particles encapsulated inside the nanotube core or attached to the nanotube surface were also observed.

The weight of the all samples produced using different concentrations of benzylamine was similar (ca. 0.3 g/segment), despite the change in nanotube length and diameter. For the B-containing samples made from 10 TEB 90 toluene mixtures it was observed that the weight of the samples increased with temperature to more than 1.5 g nanotubes per 10 min experiment at 1100 °C.

At concentrations above 19% TEB in the precursor nanotube production ceased. The influence of B may be explained by the decrease of C solubility in Fe-C-B system as the temperature decreases and B content increases [35].

Apart from changing the overall morphology of the nanotubes, e.g. the number of kinks present in the nanotubes, the incorporation of nitrogen and boron in the carbon lattice also altered the inner structure of the nanotubes. TEM revealed (Fig. 2) depicts TEM images of samples synthesised at 800 and 900 °C) that the samples contained nanotubes exhibiting stacked-cone structure, nanotubes consisting of conjugated walls, and more crystalline nanotubes, i.e. nanotubes which exhibit fewer defects in the carbon lattice. The high-resolution TEM images show the differences in the nanotube wall structure which ranges from fairly crystalline pure CNTs (Fig. 2b) to the typical stacked-cone structure found in CN<sub>2</sub> nanotubes (Fig. 2d). Conjugation of the walls already occurs in tubes made from precursors containing 5% benzylamine. Similarly the walls of CB<sub>2</sub> nanotubes were also conjugated, but the walls were less undulated for CH<sub>2</sub> v nanotubes than in CN<sub>2</sub> nanotubes (Fig. 2h). The formation of nanotubes with conjugated walls is caused by the presence of N or B in the graphitic network, which induces curvature of the graphitic layer [15,35]. When both N and B were incorporated in carbon nanotubes their effect attenuated each other.

Fig. 2. TEM images of nanotubes made from toluene (a and b) benzylamine (c and d) 10/90 TEB toluene mixture (e and f) and 10/90 TEB benzylamine mixture (g and h). CNTs contained defects typical to CNTs, but had fairly crystalline structure (b). The B-doped nanotubes were straight, while their walls were conjugated (d). However the B-doped nanotubes contained many linear and conjugated walls, but the CH<sub>2</sub> v nanotubes walls were less undulated (h).

## Background:

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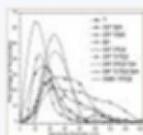
Abstract

1. Introduction

2. Experimental

3. Results and discussions

3.1. Overall structural investigation via SEM and TEM



3.2. Raman spectroscopy



The length of pure CNTs produced from toluene at 800 °C was ca.  $110 \pm 11 \mu\text{m}$  whereas  $\text{CN}_x$  nanotubes synthesised from benzylamine were  $17 \pm 2 \mu\text{m}$  long, i.e. only 15% of the length of the CNTs synthesised from toluene. This result shows that N slows down the nanotube formation significantly, which leads to shorter tubes [15]. Unfortunately, the length of the  $\text{CB}_x$  and  $\text{CN}_x\text{B}_y$  nanotubes could not be identified since they occurred in cotton wool-like bundles only and did not form flakes consisting of aligned tubes. However it was observed that  $\text{CB}_x$  and  $\text{CN}_x\text{B}_y$  nanotubes formed a several mm thick elastic soot layer, which may be an indication that B doping considerably increased the length of carbon nanotubes [14].

TEM investigations showed that pure CNTs and  $\text{CN}_x$  nanotube samples were 'clean', i.e. they contained less than 5 wt.% amorphous carbon and almost no polyhedral carbon particles.  $\text{CB}_x$  and  $\text{CN}_x\text{B}_y$  nanotube samples produced above 1000 °C were also clean, yet samples synthesised at 900 °C contained more than 10 wt.% amorphous carbon. Fe catalyst particles encapsulated inside the nanotube core or attached to the nanotube surface were also observed.

The weight of the all samples produced using different concentrations of benzylamine was similar (ca. 0.3 g/experiment), despite the change in nanotube length and diameter. For the B-containing samples made from 10 TEB:90 toluene mixtures it was observed that the weight of the samples increased with temperature to more than 1.5 g nanotubes per 10 min experiment at 1100 °C. At concentration above 10% TEB in the precursor nanotube production ceased. The influence of B on the decrease of C solubility in Fe-C-B systems increases [38].

Apart from CNTs, the overall morphology of the nanotubes, e.g. the number of kinks present in the nanotubes, the incorporation of nitrogen and boron in the carbon lattice also altered the inner structure of the nanotubes. TEM revealed (Fig. 2 depicts TEM images of samples synthesised at 800 and 900 °C) that the samples contained nanotubes exhibiting stacked-cone structure,

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Figures (6)

previous

view all

next

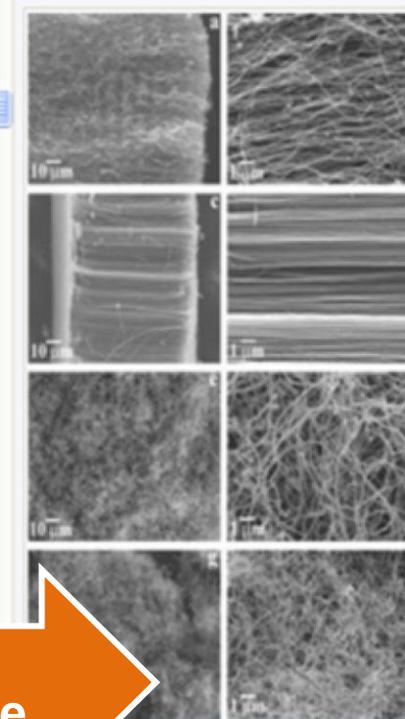
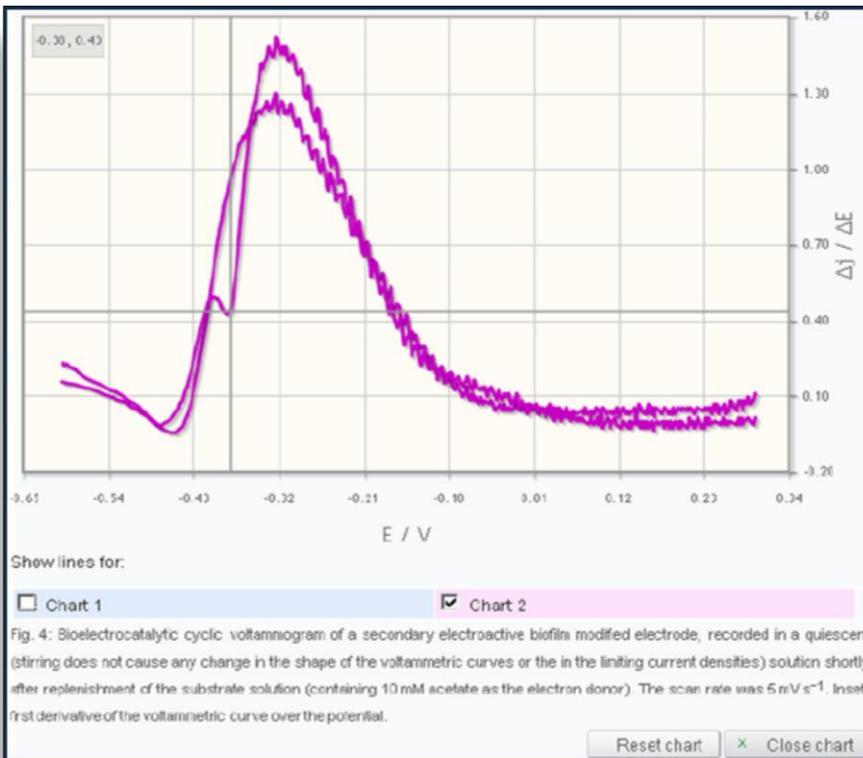


Fig. 1. SEM images of nanotubes made from toluene (a and b), benzylamine (c and d), mixture of 10 TEB:90 toluene (e and f), and 10 TEB:2 benzylamine:88 toluene (g and h). It is noteworthy, that the nanotubes produced from

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# Como a reestruturação do artigo na ScienceDirect transforma o problema do utilizador em solução(2/3)



## Problema de fundo :

Um dos problemas que nos foi posto por investigadores do sector da electroquímica foi a necessidade de imprimir gráficos para manualmente poderem escalar as medidas verticais e horizontais e assim ter informação quantitativa de pontos de interesse nos gráficos. Com a utilização dos “crosshairs” é possível ultrapassar aquele problema mas a precisão das medidas está dependente da resolução do monitor.

# Como a reestruturação do artigo na ScienceDirect transforma o problema do utilizador em solução(3/3)



ational system of grammar and that improvised gesture in the conceptual and the sensory-motor systems.

em of grammar and relies instead on a direct link between the reference for the GOV order should not only prevail in gesture comprehension. In Experiment 3, we therefore investigated the using the same simple scenarios that participants described in

nals, 16 males, mean age 21.2, range 18–29 years) recruited of Advanced Studies in Trieste (Italy) and 26 Turkish natives 19–22) recruited from the subject pool of the Boğaziçi had no auditory or language related problems, distinct knowledge into 1 and 2. Participants received a monetary compensation.

ngle vignettes used in Experiment 1 (see Appendix A), and 32 e vignettes by using only gestures. Like in Experiments 1 and not image across participants. In order to determine whether ler in gesture comprehension, we constructed the video clips object and Verb (SOV, SVO, OSV, OVS, VSO and VOS). To by the gesturer, we asked her to produce individual gestures that were depicted in the simple scenarios. We then digitally equal in length (2000 ms) and then combined them into all the Verb (3000 ms).

ing the same vignette thus only differed in the order of the

screen. They were first told that they would see video clips of utes. They were then instructed to choose as quickly as utes two drawn vignettes (used in Experiment 1), the one that w (justified choice task).

corresponded to the gesture clip and the other one did not by constituents (of Subject, Object or Verb) (for an example see ding to a combinatorial design, the distracting vignette of one 1 participant saw each of the scenarios gestured in the video rs (192 trials). Each participant saw each of the vignettes six

Sidebar collect Experimental flowcharts (4)

previous 3 of 4 (page all) next

Experiment 3  
Gesture comprehension

In Experiment 3 we tested comprehension of gestural communication. Participants saw simple gesture clips describing the scenarios of Experiment 1.

```
graph TD
    Start((Start)) --> Read[Read instructions]
    Read --> Look[Look at the randomly selected gesture clip]
    Look --> Select[Select the image that corresponds to the gesture clip from the pair of images provided (record time)]
    Select --> Choice{Left / Right}
    Choice --> Decision{trial number < 192}
    Decision -- Continue --> Look
    Decision --> End((End))
```

Sample Abstract 1  
Sample Abstract 2  
View this article

previous 3 of 4 (page all) next

## Problema de fundo:

Ao observar a leitura de artigos científicos por psicólogos notamos que muitas das vezes desenhavam um tipo de “flowchart” . Fomos informados que os “flowcharts” ajudavam o investigador a compreenderem o teor do artigo especialmente em procedimentos complexos

**Psychology flowcharts** (no lado direito do monitor ) oferece ao investigador a representação do procedimento experimental.É possível seleccionar e comparar varios “flowcharts “ abrindo novas janelas

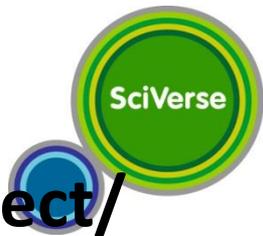
**New Article Page Redesign**

**Apps para o SD**

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# Apps para o ScienceDirect:

<http://www.info.sciverse.com/appsforsciencedirect/>



**eReader Formats** : Download artigos do SD para qualquer eReader,



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**Altmetric**: Quantifica a divulgação dos artigos nas redes sociais



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# Aplicações



Funcionalidades como as Cited By, Related Articles, Top Hottest Articles, Volume/Issue Alerts, investigadores poupam tempo nas pesquisas e avaliações iniciais

A screenshot of a SciVerse article page interface. At the top, it shows "Article | PDF (524 K) | View Record in ScienceDirect | Cited By in ScienceDirect". Below this, there is a green arrow icon and the text "Alert me about new Volumes / Issues". To the right, a box displays "Cited by (114)" with a sub-link "View all 114 citations". The main heading is "Top 25 Hottest Articles". Below the heading, there are icons for "PDF (2747 K)", "Related articles", and a "Search" button. At the bottom, there is a "New Article Feed" icon and text, and a navigation bar with "Hub | ScienceDirect | Scopus | Applications".

# Pesquisa de imagens

SciVerse ScienceDirect Hub | ScienceDirect | Scopus Register | Login | Go to SciVal Suite Brought to you by: The ScienceDirect Team

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Articles  Images  stem cell Author   
Images  Journal/Book title  Search ScienceDirect

17,546 images found for: ALL(stem cell) Save this search

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Search within results  Search

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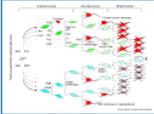
Image Type  
 Figure (14,377)  
 Table (3,169)

Content Type  
 Journal (17,471)  
 Book (670)  
 Reference Work (20)

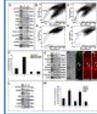
Journal/Book Title  
 Biomaterials (1,759)  
 Cell (1,178)  
 Biochemical and Biophysical Research Communicat... (1,122)  
 Developmental Biology (1,005)  
 Experimental Cell Research (746)  
view more

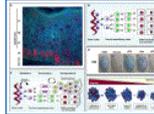
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 stem cell (1,086)  
 es cell (502)  
 cells (272)  
 stem cells (258)  
 mouse (215)  
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Fig. 3. Morphogens can coordinate positional and temporal identity of stem cells. Stem cells interpret the...  
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Glycolipids expressed in stem cells.  
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Article PDF (218 K)

  
Fig. 9. Involvement of Notch and Wnt pathways in stem cell potential of Müller cells: analysis of transcripts...  
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Article PDF (1893 K)

  
Fig. 1. p63 $\Delta$ N is a marker of unipotent epidermal stem cells and a potential therapeutic target that is over-expressed...  
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Article PDF (1997 K)

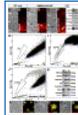
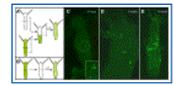
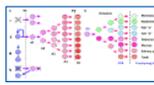
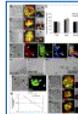
  
Fig. 7. Prospective identification and characterization of activated Müller cells: the stem cell potential of Müller cells in...  
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Article PDF (1893 K)

  
Fig. 1. Interstitial stem cells in Hydra. (A) Relationships at the base of animal evolution. Cnidaria are often regarded...  
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Fig. 3. Transgenic eGFP<sup>+</sup> interstitial cells proliferate and differentiate in all cell types of the interstitial stem cell system. (A, B)...  
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Fig. 1. Patterns of stem cell division and differentiation. (A) A series of possible outcomes of a stem cell division. (i)...  
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Article PDF (318 K)

  
Fig. 2. Stem cell properties of enriched...  
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Article PDF (1893 K)

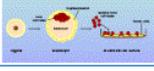
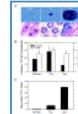
  
Fig. 1. Isolation of embryonic stem cells...  
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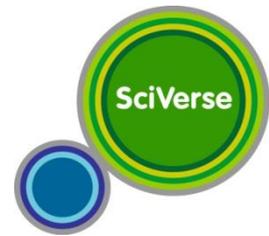
  
Fig. 8. Polycomb group protein HyEED is...  
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Fig. 1. Morphology and stem cell activity in...  
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Motor de pesquisa de imagens no Search in SciVerse ScienceDirect



# Tabela de Conteudos



**1.** Elsevier

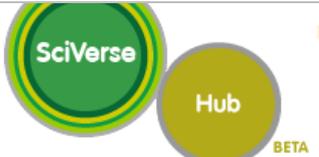
**2.** ScienceDirect

**3.** Aplicações

**4.** Perguntas e Respostas

## Galeria de Aplicações

# Galeria de aplicações



Hub | ScienceDirect | Scopus | Applications

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milk proteins Search ?

About 517573 results for ALL(milk proteins)

Search within results Search

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Content Sources

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- Patent Offices (105471)
- Scopus (56661)
- MEDLINE / PubMed (16722)
- NDLTD (10558)

View more

Year

- 2011 (343)
- 2010 (202669)
- 2009 (41645)
- 2008 (34615)
- 2007 (30847)

View more

Keyword

- milk proteins
- animals
- milk protein
- casein

Application Gallery

Choose from many applications available to help you with your research. Recent additions are listed first.

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Keep track of the latest trends and developments in your specialty with ScienceDirect's Top 25 Highest Rated.
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★ ★ ★ ★ (1 review) More By: These authors shows you the most recent documents in Scopus to the authors of the article you are currently viewing.
- Most Cited**  
Do the first to review this application. ScienceDirect. Free.
- My Workflow Search**  
Do the first to review this application. My Workflow Search application allows you to search for workflows in

101. **Anafilaxia por hipersensibilidade a proteínas de leite de vaca em 5 meses**  
*Anales de Pediatría, Volume 70, Issue 1, January 2007, Pages 10-12*  
Jurado Palomo, J.; Martín Muñoz, M.

La alergia a proteínas de la leche de vaca (PLV) es la tercera causa más frecuente de alergia alimentaria tras la alergia a proteínas de huevo y pescado, y es la más prevalente durante el primer año de vida 1. Aunque la mayoría de las reacciones ...

102. **Comparative Study on Heat Stability and Functionality of Camel and Bovine Milk Whey Proteins**  
*Journal of Dairy Science, Volume 91, Issue 12, December 2008, Pages 4527-4534*  
Laleye, L.C.; Jobe, B.; Wasesa, A.A.H.

...lactoferrin in camel milk ( Farah, 1993...affect the way these proteins behave and interact...properties of bovine milk whey proteins have been thoroughly...characteristics of camel whey proteins. Materials and Methods...Preparation Fresh bovine milk was supplied by the...

103. **Towards proteomic analysis of milk proteins in historical building materials**  
*International Journal of Mass Spectrometry, Volume 284, Issue 1-3, July 2009, Pages 42-46*  
Kuckova, S.; Crhova, M.; Vankova, L.; Hnizda, A.; Hynek, R.; Kodicek, M.

...problematic; almost all of the milk proteins were found in both cases. The...individual peptides coming from the milk proteins. The most intensive mass peaks...posttranslational modifications of milk proteins. In this study we have started...

104. **Highly sensitive double-fluorescent dye staining on microchip electrophoresis for analysis of milk proteins**  
*Electrophoresis, Volume 29, Issue 12, June 2008, Pages 2533-2538*  
Okada, H.; Kaji, N.; Tokeshi, M.; Baba, Y.

...In microchip electrophoresis (ME) for analysis of milk proteins. The detection sensitivity of ME was very limited

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Help

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**Prolific Authors**

- Lonnerdal, B.
- Hennighausen, ...
- Houdebine, L...
- Schingoethe, ...
- Bauman, D.E.
- Farrell, H.M.
- Groner, B.
- Blum, J.W.
- Fox, P.F.
- Lonnerdal, B.

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**Matching Sentences**

For your query **milk proteins** we have matched

**2022** sentences

**764** paragraphs

Results are based on top documents that match your query **milk proteins**

# Novas aplicações adicionadas diariamente

## Application Gallery

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### Lipid Structures (beta)

LIPID MAPS

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ScienceDirect

This application identifies lipid names or synonyms in an online article and provides the user with supporting information on that particular lipid in a popup which displays the structure and other key information for that molecule as represented on the LIPID MAPS website.

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Informascope

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SciVerse Hub

The Citationer application generates bibliographies in the APA, MLA and Chicago styles in the SciVerse Hub Search Results.

Free [Learn more](#)



### Hazmat Navigator

Elsevier

★★★★★ (1 reviews)

SciVerse Hub, ScienceDirect, Scopus

Hazmat Navigator provides detailed reactivity, toxicity and handling information on over 7,000 hazardous chemicals to help prevent accidents and to enable scientists and lab personnel to deal with spills safely.

Free [Learn more](#)



### GeneTUKit

Minlie Huang

Be the first to review this application!

ScienceDirect, Scopus

GeneTUKit parses the content of an article title and abstract, recognizes gene mentions and normalizes the genes to database entries. Concepts in publications can thus be linked to knowledge databases like NCBI or PubMed.

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### HealthLibrarian - Clinical Trials

DataStream Content Solutions

★★★★☆ (2 reviews)

SciVerse Hub, ScienceDirect

The Clinical Trials application provides a list of clinical trials that match a user's search term including the user's geographical area. Additional filtering of clinical trials is also available.

# Aplicações integradas em vários produtos

## 1 Hub results page

The screenshot shows a ScienceDirect search results page for the query "The rate of pyruvate kinase M2 in the early stages of Alzheimer's Disease". Three red boxes highlight specific features:

- Box 1:** The article title and abstract: "Eyes-on-finding for maximizing information rate of rapid neural presentation for sensory neurons. Volume 6 Issue Sept 2, 7 2007, Pages P151. Entire Document". Below the abstract, it says "Understanding the response properties of single neurons is seriously limited by the available experimental time and the rate (bits/s) at which information can be gained from the neurons. A substantial improvement in the..."
- Box 2:** A section titled "Images in this article:" with three small image thumbnails.
- Box 3:** A section titled "Detection of global path arrangements in explained by natural image statistics. Volume 6 Issue Sept 2, 7 2007, Pages P154. Entire Document". Below the title, it says "In human vision, the perception of localized stimuli is strongly influenced by the presence and nature of surrounding elements. It has been suggested that these contextual effects are linked to the processes of image s..."

On the right side of the page, there is a "My Applications" sidebar with a "New! Add more apps" button and a list of application options like "An In-Site App", "Elsevier TagCloud", "Scopus Authors", and "An In-Site App".

## 3 ScienceDirect article page

The screenshot shows a ScienceDirect article page for the title "Structural Insights into the Mechanisms of Drug Resistance in HIV-1 Protease NL4-3". A red box highlights the abstract, which begins with "The development of resistance to anti-retroviral drugs targeted against HIV is an increasing clinical problem in the treatment of HIV-1 infected individuals. Many patients develop drug-resistant strains of the virus after treatment with inhibitor-containing (PI/NRTI) therapy, which include multiple protease inhibitors. Therefore, it is imperative that we understand the mechanisms by which the real patients, in particular HIV-1 protease, develop resistance. We have determined the three-dimensional structure of HIV-1 protease (NL4-3) in complex with the potent protease inhibitor, 33-3, 3-3-3. We have also obtained the crystal structure of three mutant forms of NL4-3 protease." A red arrow points from the abstract area to a sidebar on the right titled "My Applications" which contains several application icons.

## 2 Scopus abstract page

The screenshot shows a Scopus abstract page for the title "The epistatic activity of pyrimidine nucleosides is strongly modulated by Mycoplasma hyorhinis infection: implications for cancer therapy". A red box highlights the abstract, which starts with "Recent progress in our understanding of cancer etiology has led to the identification of several genes that are associated with increased risk of a wide range of cancers, including a number of nucleoside-modifying enzymes. Pyrimidine nucleosides are essential for DNA and RNA synthesis. In particular, 5-methylcytosine (5mC) and 5-hydroxymethylcytosine (5hmC) are important epigenetic marks that regulate gene expression. We have found that Mycoplasma hyorhinis infection modulates the activity of these enzymes, leading to a decrease in 5mC and 5hmC levels. This reduction in epigenetic marks may contribute to the increased risk of cancer observed in Mycoplasma hyorhinis infection. We have also found that Mycoplasma hyorhinis infection modulates the activity of these enzymes, leading to a decrease in 5mC and 5hmC levels. This reduction in epigenetic marks may contribute to the increased risk of cancer observed in Mycoplasma hyorhinis infection." A red arrow points from the abstract area to a sidebar on the right titled "My Applications" which contains several application icons.

## 4 ScienceDirect results page

The screenshot shows a ScienceDirect search results page for the query "Characteristics and outcomes of 1750 women with breast cancer in women over 70 years of age". A red box highlights the "My Applications" sidebar on the right, which contains several application icons. The main search results list several articles with their titles, volumes, issues, and dates.

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Librarian, Middle East

Apps for Science

A COMPETITION BY ELSEVIER



**iSpeech Audio Reader**

iSpeech, Inc.

★★★★☆ (1 reviews)

ScienceDirect



Added





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Articles  All fields  Author   
Images  Journal/Book title  Volume  Issue  Page

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? Search tips

Font Size: A<sup>+</sup> A<sup>-</sup>

PDF (650 K) | Export citation | E-mail article

Article | Figures/Tables (8) | References (227)

International Review of Cell and Molecular Biology  
Volume 275, 2009, Pages 89-131

doi:10.1016/S1937-8448(09)76004-X | How to Cite or Link Using DOI  
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## Chapter 4 The Controversial Role of Mast Cells in Tumor Growth

Domenico Ribatti<sup>\*</sup> and Enrico Crivellato<sup>†</sup>

<sup>\*</sup>Department of Human Anatomy and Histology, University of Bari Medical School, Bari, Italy  
<sup>†</sup>Department of Medical and Morphological Research, Anatomy Section, University of Udine Medical School, Udine, Italy

Available online 31 May 2009.

**Abstract**  
Mast cells (MCs) were first described by Paul Ehrlich (Beiträge zur Theorie und Praxis der Histologischen Färbung, Thesis, Leipzig University, 1878). They have long been implicated in the pathogenesis of allergic reactions and protective responses to parasites. However, their functional role has been found to be complex and multifarious. MCs are also involved in various cell-mediated immune reactions and found in tissues from multiple disease sites, and as a component of the host reaction to bacteria, parasite, and even virus infections. They also participate in angiogenic and tissue repair processes after injury. The importance of a possible functional link between chronic inflammation and cancer has long been recognized. As most tumors contain inflammatory cell infiltrates, which often include plentiful MCs, a possible contribution of these cells to tumor development has emerged. In this review, general biology of mast cells, their development, anatomical distribution, and phenotype as well as their secretory products will first be discussed. The specific involvement of MCs in tumor biology and tumor fate will then be considered, with particular emphasis on their capacity to stimulate tumor growth by promoting angiogenesis and lymphangiogenesis. Finally, it is suggested that mast cells may serve as a novel therapeutic target for cancer treatment.

Articles

Tumour angiogenesis: New insight from ex...  
Tissue Regeneration  
Nephrology  
Angiogenesis in haematological malignanc...  
Research  
Cells exhibit a common spatial distributi...  
They really related to invasiveness of ...  
Research and Practice  
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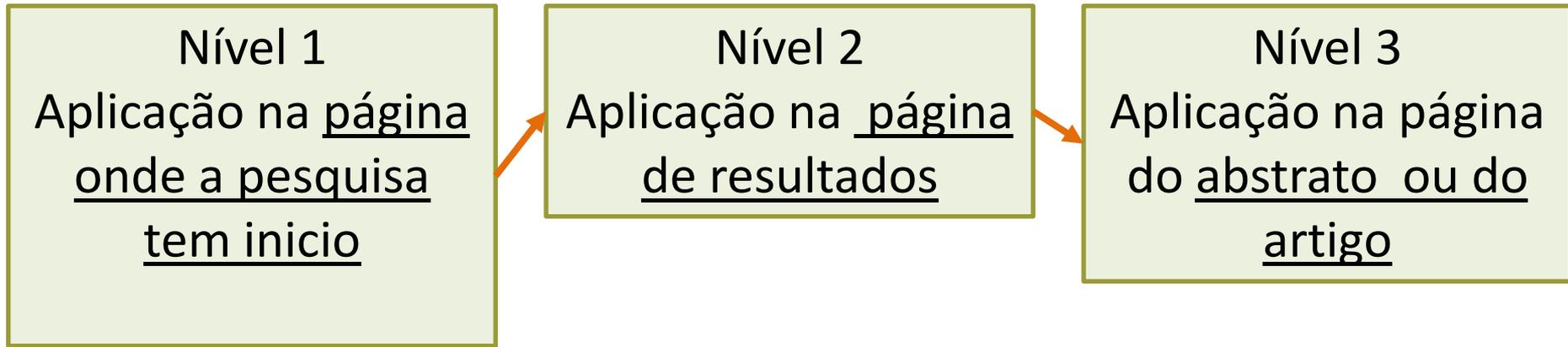
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# As aplicações possibilitam a personalização da pesquisa e dos resultados a 3 níveis



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gratificante

Pesquisa  
personalizada



Gestão da  
Informação



Análise dos  
Dados



Colaboração



# O número e utilidade das aplicações continua a aumentar

## Nível 1

Apps na página de pesquisa

My Workflow Search

QuantiFind

HealthMash

My Oncology Articles

OdiSSea

Expert Search

Co-Author Visualizer

Search Translator

Search Term Timeline

Methods Search

ScienceDirect Top 25

Section Search

Data.gov Dataset Search

Next Bio Auto-complete

## Nível 2

Apps na página de resultados

My Workflow Results

Top Reviews

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Co Author Network

Bilkent Catalog Viewer

Izmir Catalog Viewer

## Nível 3

Apps na página de abstratos ou artigo

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# Nível 1: Personalização e enriquecimento da pesquisa na página de pesquisa

SciVerse Hub BETA

Hub | ScienceDirect | Scopus | SciTopics | Applications

Register | Login | Go to SciVal Suite

Home | My settings Help

All  ScienceDirect  Scopus  External  Patents ?

Search ? Tips

Example: acute psychological stress



## Search Translator

★★★★☆ (4 reviews)

SciVerse Hub

Free



## Methods Search

★★★★☆ (5 reviews)

SciVerse Hub

Free

HealthMash

My Oncology Articles

OdiSSea

Expert Search

NextBio Auto -complete

ScienceDirect Top 25

# Nivel 2: Personalização e enriquecimento da pesquisa na página de resultados

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- Double-source holographic contouring using fibre optic** Original Research Article  
*Optics & Laser Technology, Volume 22, Issue 4, August 1990, Pages 200-203*  
C. Quan, P. J. Bryanston-Cross  
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- Physical defects in fiber optics: A theoretical framework** Review Article  
*Optik - International Journal for Light and Electron Optics, Volume 127, Issues 17-18, September 2016, Pages 1600-1606*  
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- Fiber-optics multiplexed interferometric current sensor** Original Research Article  
*Sensors and Actuators A: Physical, Volume 121, Issue 2, October 2005, Pages 100-103*  
H. Lin, S.C. Huang  
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- Matrix of 8×8 single-mode fibers with micro-optics** Original Research Article  
*Optics Communications, Volume 198, Issues 1-3, 15 October 2001, Pages 121-123*  
Philippe Chanclou, Philippe Gravey, Léon Bonnel, Monique Thual  
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**Illinois Catalog Viewer**

★★★★☆ (6 reviews)

SciVerse Hub, ScienceDirect

Free



**Top Reviews**

★★★★☆ (3 reviews)

Scopus

Free

My Workflow Search

Matching Sentences

Prolific Authors

# Nível 2: Personalização e enriquecimento da pesquisa na página de resultados

The screenshot displays the SciVerse Applications interface. At the top, there is a navigation bar with the SciVerse logo, 'Applications BETA', and user information for Ahmed Rostom. Below this is a secondary navigation bar with links for Home, Application gallery, My applications, My settings, and Developers. The main content area is titled 'Application Gallery' and contains a list of applications:

- Emtree**: Elsevier, 5 stars (1 review), SciVerse Hub, Scopus, Free. Description: The Emtree Query Analyzer app helps users get better search results by incorporating synonyms from the Emtree Biomedical Taxonomy into their query.
- quantiFind**: 5 stars (4 reviews), SciVerse Hub, ScienceDirect, Free. Description: Extract and aggregate data from the Elsevier ScienceDirect corpus that is associated with a user query. Data can be visualized as a histogram or timeline to illustrate science and technology landscapes and trends.
- Bilkent University Catalog Viewer**: Informascope, SciVerse Hub, ScienceDirect, Scopus, Free. Description: Search the University of Bilkent online catalog in parallel with SciVerse Hub, ScienceDirect, Scopus and view relevant results side by side.
- Izmir Institute of Technology Catalog Viewer**: Informascope, SciVerse Hub, ScienceDirect, Scopus, Free. Description: Search the Izmir Institute of Technology online catalog in parallel with SciVerse Hub, ScienceDirect, Scopus and view relevant results side by side.

# Nível 3: Personalização e enriquecimento da pesquisa na página do abstrato ou do artigo

Images  Journal/Book title  Volume  Issue  Page  Search ScienceDirect

Back to results | < Previous 2 of 1,446,600 Next >

 PDF (89 K) |  Export citation |  E-mail article

**Abstract** | References (45)

International Journal of Stress Management  
Volume 14, Issue 4, November 2007, Pages 386-397

doi: 10.1037/1072-5245.14.4.388 | How to Cite or Link Using DOI  
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**Stress, Coping and Psychological Illness: A Cross-Cultural Study**  
Birendra K. Sinha<sup>a</sup> and David C. Watson<sup>a,1</sup>  
<sup>a</sup>Department of Psychology and Department of Psychiatry, University of Alberta, Edmonton

Available online 16 January 2008.

This cross-cultural research study aimed to explore the relationship of stress and coping in students in Canada and India. The predictor variables were stress (hassles and life events) and selected personal-social variables, namely, locus of control, self-esteem, and social support. The results revealed that the Indian students reported more psychological symptoms compared to the Canadian students. Stepwise multiple regression analyses also revealed considerable differences between the 2 samples with

Rehabilitation Psychology  
• Longitudinal Construct Validity of Brief Symptom Inventory  
Psychological Assessment  
• General health and psychological symptom status in pregnant women  
Obstetrics & Gynecology

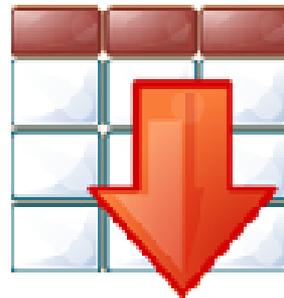
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✓ User Guide SciVerse Applications:

<http://www.info.sciverse.com/UserFiles/applications-user-guide.pdf>

✓ Elsevier Training Desk:

<http://trainingdesk.elsevier.com/>



# Resumo

**1. Elsevier**

**2. ScienceDirect**

**3. Aplicações**

**4. Perguntas e Respostas**



**Obrigado pela sua presença.**

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