



DOI Serbia: Seven years of experience with CrossRef in a transition country

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Topics

Scientific publishing in Serbia 2005

Why DOI

DOI in action

Important numbers

Organization scheme

Sci Publishing - Serbia 2005

- ⇒ publishers: societies, and institutes or departments
- ⇒ lack of professionalism: all job is done by volunteers
- ⇒ passivity: relying on government's support

Sci Publishing - Serbia 2005

- ⇒ government promoted an ambitious strategy of fast catching-up
- ⇒ non-arbitrary evaluation of journals (N=450)
made breakthrough (SCIndeks, www.ceon.rs)

CrossRef DOI - our motivation

- ⇒ to modernize publishing
- ⇒ to improve citation rate of the national journals
- ⇒ to join a project bringing benefits globally
- ⇒ to govern new technology (despite justified scepticism)

What is CrossRef DOI exactly?

- unique alphanumeric string assigned to a digital object
- serves as a stable, persistent link to the full-text
- takes advantage of the power of network effects - link out and get links back
- reference linking CrossRef - gateway to the DOI world

Easy reliable navigation

Our goal - to be linked

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Now Tripkovic is visible, linked and ... happy

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Comparisons of formic acid oxidation at supported Pt catalyst and at low-index Pt single crystal electrodes in sulfuric acid solution

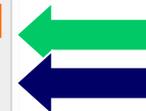
Tripković Amalija V., Popović Ksenija Đ., Lović Jelena D.

The oxidation of formic acid was studied at supported Pt catalyst (47.5 wt% Pt) and a low-index single crystal electrodes in sulfuric acid. The supported Pt catalyst was characterized by the TEM and HRTEM techniques. The mean Pt particle diameter, calculated from electrochemical measurements fits well with Pt particle size distribution determined by HRTEM. For the mean particle diameter the surface averaged distribution of low-index single crystal facets was established. Comparison of the activities obtained at Pt supported catalyst and low-index Pt single crystal electrodes revealed that Pt(111) plane is the most active in the potential region relevant for fuel cell applications.

Keywords: formic acid oxidation, Pt single crystals, supported Pt catalyst, particle size, surface distribution of crystallographic sites.

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DOI: [10.2298/JSC0612333T](https://doi.org/10.2298/JSC0612333T)

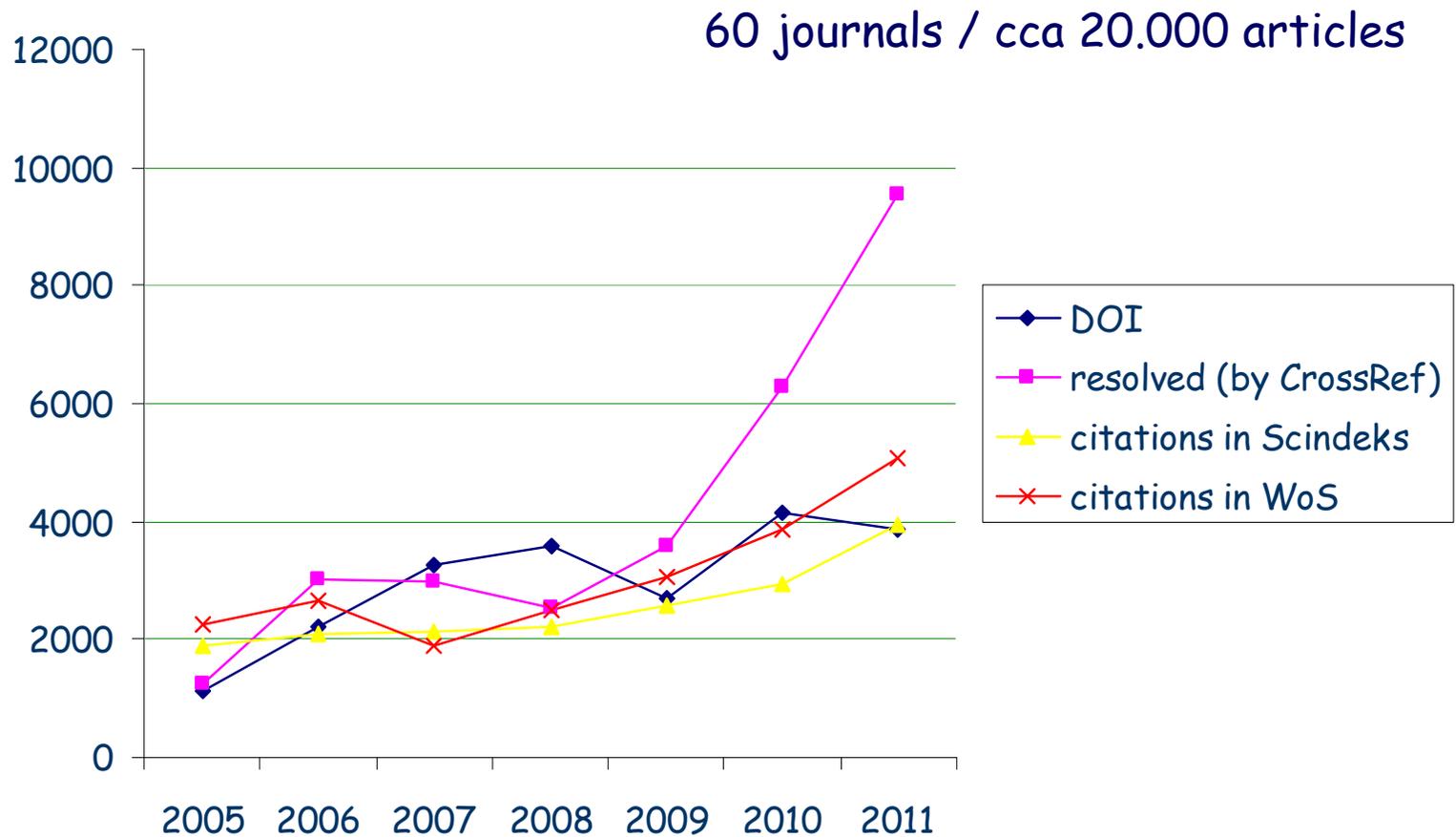
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DOI: [10.1134/S1061934806040149](https://doi.org/10.1134/S1061934806040149)

Important figures





Pomoć

Podešavanje

srpski latinica ▾

Baze podataka

Pretraživanje

Rezultati pretraž.

Zapis

Moja biblioteka

Lokalna baza podataka: **Narodna biblioteka Srbije, Beograd** (Br. zapisa: 830.970) |

Izabrani zapis

Kratki	Puni	ISBD	COMARC	zapis [1/1]
Autor	Gutman, Ivan			
Naslov	Topology and Stability of Conjugated Hydrocarbons. The Dependence of Total P[π]-electron Energy on Molecular Topology / Ivan Gutman			
Vrsta/sadržaj	članak - sastavni deo			
Jezik	engleski			
Godina	2005			
Fizički opis	str. 441-456			
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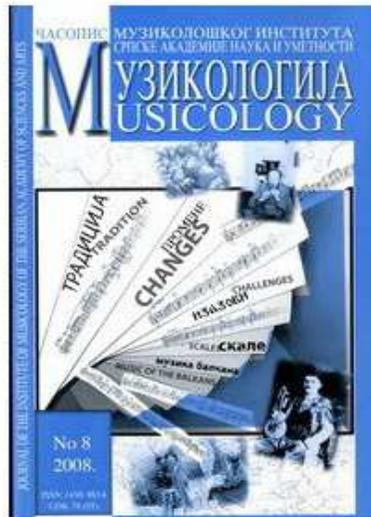
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Prince of zeta by Petar Konjović: Opera in five/four acts on the 125th anniversary of the composer's birth

Creator: [Mosusova Nadežda](#) | ▶

Date: [2008]

Type: [pdf](#) | ▶

Description: Muzikologija (8) 151-163

Petar Konjović (Čurug, May 5, 1883 - Belgrade, October 1, 1970) stands out among Serbian composers as an author of instrumental and vocal compositions. Studies at the Prague Conservatory (1904-1906) acquainted Konjović with Czech music, Wagner's opus, and the Russian national-romantic school, which contributed to the evolution of his talent for both music and stage, enabling him to express his ideas more explicitly in operatic works. It was in the Prague that the second opera - Prince of Zeta - was conceived, with new musical vividness and dramatic appeal (first version composed 1906-1926, the second and final 1929-1939), followed by Koštana (1928), Peasants (1951) and Fatherland (1960). Konjović's mature operas are characterized by his masterful handling of form, both in close-ups and in ...

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Cyclic conjugation in benzo-annelated triphenylenes

Author(s): Jeremic, S (Jeremic, Svetlana)¹; Radenkovic, S (Radenkovic, Slavko)¹; Gutman, I (Gutman, Ivan)¹**Source:** JOURNAL OF THE SERBIAN CHEMICAL SOCIETY **Volume:** 75 **Issue:** 7 **Pages:** 943-950 **DOI:** 10.2298/JSC091201068J **Published:** 2010**Times Cited:** 3 (from Web of Science)**Cited References:** 39 [view related records] [Citation Map](#)

Abstract: Cyclic conjugation in benzo-annelated triphenylenes was studied by means of the energy effect (e) and the pi-electron content (EC) of the six-membered rings. A regularity that was earlier discovered in the case of acenaphthylene and fluoranthene congeners is now shown to hold also for benzo-annelated triphenylenes: Benzenoid rings that are annelated angularly with regard to the central six-membered ring 4 of triphenylene increase the intensity of the cyclic conjugation in Z(0), whereas linearly annelated benzenoid rings decrease the cyclic conjugation in Z(0). The ef- and EC-values are strongly correlated, yet in a non-linear manner.

Document Type: Article**Language:** English**Author Keywords:** cyclic conjugation; energy effect of cyclic conjugation; triphenylene; benzo-annelated triphenylene**KeyWords Plus:** PI-ELECTRON CONJUGATION; BENZENOID HYDROCARBONS; RESONANCE ENERGIES; 5-MEMBERED RING; PCP-RULE; FLUORANTHENE; DERIVATIVES; GRAPH; AROMATICITY; CONGENERS**Reprint Address:** Gutman, I (reprint author), Univ Kragujevac, Fac Sci, POB 60, Kragujevac 34000, Serbia**Addresses:**

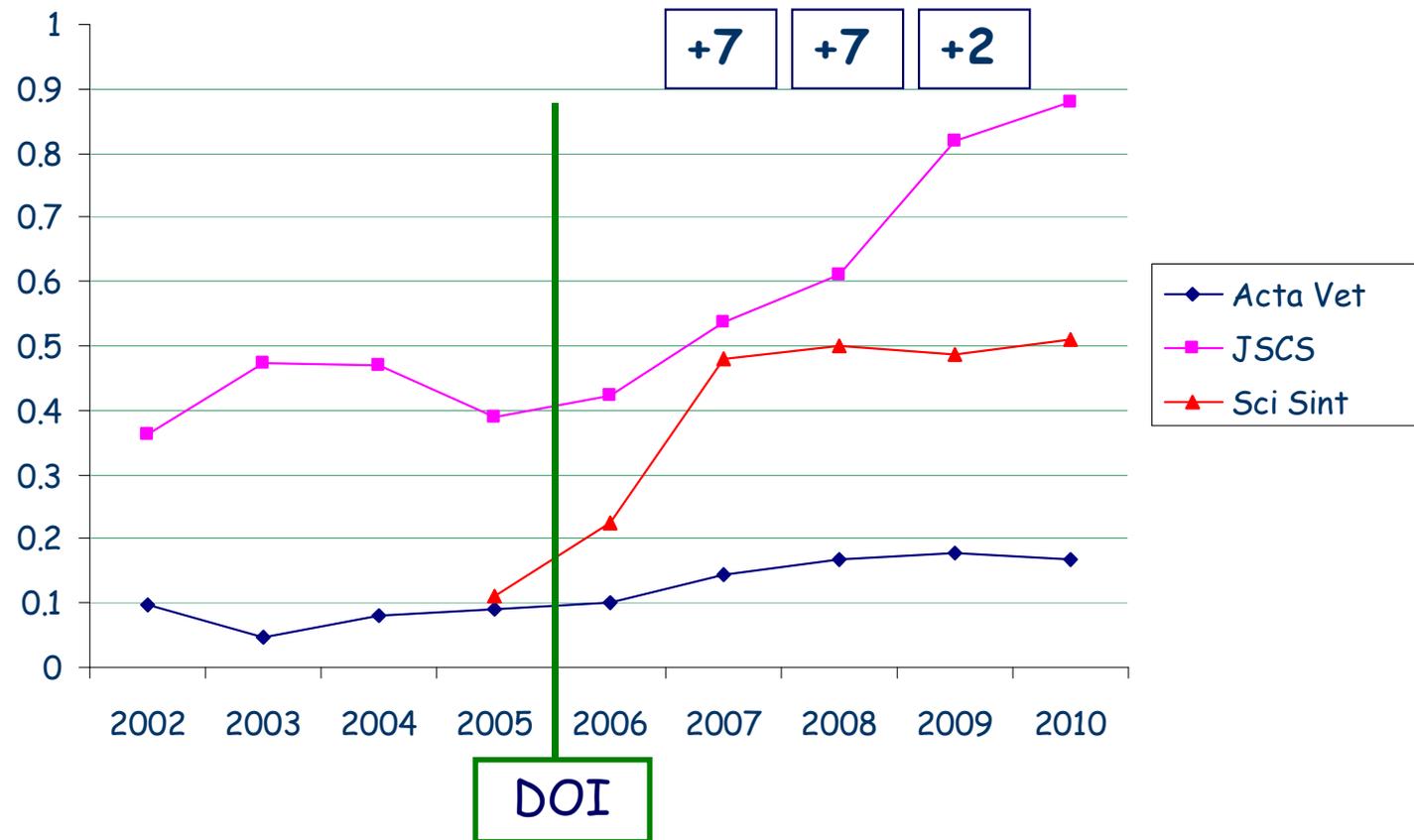
1. Univ Kragujevac, Fac Sci, Kragujevac 34000, Serbia

E-mail Address: gutman@kg.ac.rs**Funding:**

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[\[Show funding text\]](#)**Publisher:** SERBIAN CHEMICAL SOC, KARNEGJEVA 4, 11 120 BELGRADE, SERBIA**Web of Science Category:** Chemistry, Multidisciplinary**Subject Category:** Chemistry**IDS Number:** 655LS

Even more important figures: IF



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