

Universitatea Națională de Știință și Tehnologie POLITEHNICA București
Facultatea: Inginerie Chimică și Biotehnologii
Departamentul: Chimie Analitică și Ingineria Mediului
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Gradul didactic: Profesor Universitar

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

Materiale polimerice functionalizate cu selectivitate dirijata, 2008, coordonator stiintific Prof. dr. Ing. Gheorghe Nechifor.

B. Cărți și capitole în cărți publicate în ultimii 10 ani

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D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți

E. Brevete obținute în întreaga activitate

5. Bogdan Catalin Serban, **Stefan Ioan Voicu**, Stefan Dan Costea, Cornel Cobianu, Matrix nanocomposite sensing film for SAW/BAW based hydrogen sulphide sensor and method for making same, Patent Assignee: Honeywell International Inc., Morristown NJ 07962 (US), US Patent Office, US 7,695,993 B2.
4. Bogdan Catalin Serban, Viorel Georgel Dumitru Cornel Cobianu, Stefan Dan Costea, Nicolae Varachiu, **Stefan Ioan Voicu**, Methods for use of a sensitive layer for hydrogen sulphide detection with SAW/BAW devices, Patent Assignee: Honeywell International Inc., Morristown NJ 07962 (US), US Patent Office, US 7,867,552 B2.
3. Bogdan Catalin Serban, Cornel Cobianu, Mircea Bercu, Nicolae Varachiu, Mihai Mihaila, Cazimir Bostan, **Stefan Ioan Voicu**, Matrix nanocomposite containing aminocarbon nanotubes for carbon dioxide sensor detection, Patent Assignee: Honeywell International Inc., Morristown NJ 07962 (US), US Patent Office, US 7,913,541 B2.
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