



INFORMAȚII PERSONALE

Nume	GALAI (CAS. PRELIPCEANU) OTILIA-SANDA
Adresă	STRADA CRÂNGULUI NR. 2, BROSCAUTI, JUD. BOTOSANI, ROMANIA
Telefon	0745.819.573
E-mail	<u>otiliaprelipceanu@yahoo.com</u>
Naționalitate	roman
Data nașterii	21 NOIEMBRIE 1976

EXPERIENȚA PROFESIONALĂ

- Perioada (de la – până la)
 - Octombrie 2016 – prezent doctorand la Facultatea de Fizică din cadrul UAIC Iasi.
 - Septembrie 2008 – prezent - profesor Liceul Tehnologic „Al. Vlahuta” Sendriceni, jud. Botosani
 - Septembrie 2007 – 31 august 2008 – profesor Seminarul Teologic „Sf. Ioan Iacob” Dorohoi
 - Noiembrie 2006 – Iulie 2007 - cercetator stiintific in domeniul electronicii organice finantat de POLYCOM – Proiect European FP6 de cercetare la Universitatea de Stiinte Aplicate Wildau, Germania.
 - Martie 2004 – Noiembrie 2006 – cercetator stiintific in domeniul electronicii organice finantat de ODEON – Proiect European FP6 de cercetare la Universitatea de Stiinte Aplicate Wildau, Germania.
 - Martie 2004 – Iulie 2007 - cercetator stiintific - Electronica Organica la Universitatea Potsdam, Germania.
 - Octombrie 1999 – Iulie 2003 – student la Universitatea Tehnica Gh. Asachi Iasi, Facultatea de Chimie Industrială, Specializarea Tehnologia și biotehnologia Protecției Mediului.
 - Septembrie 1996 – Octombrie 1999 – student la Universitatea de Medicina și Farmacie Iasi, Facultatea de Stomatologie, Specializarea Tehnica Dentara

STUDII ȘI CURSURI DE SPECIALITATE

- Perioada
 - Numele și tipul instituției de învățământ
 - Principalele subiecte și calificări înșușite
 - Numele calificării primite
- **Martie 2004 – Iulie 2007.**
Universitatea Potsdam, Universitatea de Științe aplicate Wildau, Germania
- Aprofundarea cunostintelor in domeniul fizicii si electronicii. In perioada studiilor am absolvit numeroase cursuri post universitare (Master) acreditate precum si numeroase cursuri de specializare in diverse programe educationale si de perfectionare.
- Cercetator stiintific

• Nivelul în cadrul clasificării naționale (dacă este cazul)

- **Profesor titular in invatamantul preuniversitar – media 10 – iulie 2014**
- **Profesor definitiv in invatamantul preuniversitar – media 9.75 – august 2014**
- **Cursuri de pregatire profesionala expert in comunicare in programul „Sanse egale” derulat in cadrul proiectului POSDRU „+Femina” 2015**
- **Absolvent al programului de formare continua „Program de dezvoltare profesionala pe baza activitatii proprii desfasurate in scoala”, sem. II, an scolar 2007 - 2008**
- **Absolvent curs „Instruirea diferentiata a elevilor”, 2011-2012**
- **Absolvent curs „Competenta, inovare si profesionalism prin TIC (CIPTIC), 2011-2012**
- **Absolvent al stagiului „Consiliere si orientare”, 2008**
- **Absolvent curs „Program de dezvoltare profesionala pe baza activității proprii desfășurate in școala”, 2007-2008**
- **Absolvent Departamentul pentru pregatirea personalului didactic, 2003**

Universitatea Tehnica Gh. Asachi Iasi

- **Absolvent Curs Post Universitare Nano-Science 2002-2003**

Universitatea Potsdam, Germania

- **Absolvent Curs Post Universitar –Organic Non linear Optics, 2003-2005**

Universitatea de Stiinte Aplicate Wildau, Institutul de Fizica ingineriasca, Germania

- **Absolvent Curs Post Universitar Organic Electronic Summer School OESS - 2005**

Universitatea Politehnica Milano, Italia

- **Absolvent Curs Post Universitar Organic Electronic Winter School OEWS - 2004**

Universitatea Tehnica Graz, Austria

- **Inginer diplomat in Chimie, 1999 - 2003**

Universitatea Tehnica Gh. Asachi Iasi, Facultatea de Chimie Industriala, Romania

Tehnician dentar, 1996 - 1999

Universitatea de Medicina si Farmacie „Gr. T. Popa”, Iasi

- **Absolvent liceu Profil Chimie – Biologie, 1995**

Liceul Sanitar Botosani

APTITUDINI ȘI COMPETENȚE

PERSONALE

Dobândite în cursul vieții și carierei, dar care nu sunt recunoscute neapărat printr-un certificat sau o diplomă.

LIMBA MATERNĂ

ROMANA

LIMBI STRĂINE CUNOSCUTE

ENGLEZA - BINE

GERMANA - SATISFACATOR

FRANCEZA - SATISFACATOR

APTITUDINI ȘI COMPETENȚE

SOCIALE

- Comunicativa, cu experienta datorita activitatilor desfasurate.
- Prietenoasa, munca facuta din placere asigura cu confort necesar progresului si evolutiei.
- Adaptabila la orice conditii, exceptie cele negative care pot pune piedici buneii desfasurari a activitatii.
- Exigenta atunci cand apare in discutie calitatea muncii prestate, calitate dobandita in societatea germana.

**APTITUDINI ȘI COMPETENȚE
ORGANIZATORICE**

- Posed o experienta complexa in domeniul management-ului si marketing-ului proiectelor finantate de Comisia Europeana, experienta dobandita datorita activitatilor desfasurate in doua proiecte Europene: ODEON si POLYCOM. La ora actuala produsul proiectelor noastre se afla in productie pentru a fi valorificat pe piata de catre companiile Luceat si Selex Italia.

**APTITUDINI ȘI COMPETENȚE
TEHNICE**

- COMPETENTE IN ELECTRONICA ORGANICĂ DATORITA PREGATIRII PROFESIONALE.
- SIMULARE SI REPREZENTARE A PROCESELOR FIZICE CU AJUTORUL CALCULATORILOR.
- STAPANESC CU USURINTA ORICE APLICATIE MICROSOFT, LABVIEW, HPVVEE, MATLAB, MATCAD, SEMCAD, E-MAILING, INTERNET, FTP, ANTIVIRUS PROTECTION, ETC.

PERMIS(E) DE CONDUCERE

Categoria B

INFORMAȚII SUPLIMENTARE

Informatii referitoare la activitatea desfasurata in trecut precum si lista publicatiilor si contributiilor stiintifice pot fi oferite la cerere sau accesand motoarele de cautare web utilizand drept cuvânt cheie numele si prenumele.

O eventuala lista a persoanelor care pot asigura recomandari va putea fi pusa la dispozitie la solicitare.

10.11.2019

ing. Otilia Sanda Prelipceanu

GALAI (cas. PRELIPCEANU) Otilia Sanda

Listă selectivă de articole publicate

Perioada 2016 – 2019

[1]. Investigations of Novel High-Temperature Resistant Polymers for Electro-Optical Applications in Signal Processing Systems, *O.S. Prelipceanu*, M Prelipceanu, N Paraschiv, A Popa, O Geman, <https://doi.org/10.3390/sym11010060>, *Symmetry* 11 (1), 60, 2019 ISSN 2073-8994; CODEN: SYMMAM;

Impact factor 2,143 Web of Science, AIS factor 0.301, Symmetry-Basel.

[2]. A Turbulence-Oriented Approach to Retrieve Various Atmospheric Parameters Using Advanced Lidar Data Processing Techniques, Iulian-Alin Rosu, Marius-Mihai Cazacu, *Otilia Sanda Prelipceanu*, Maricel Agop, January 2019, *Atmosphere* 10(1),

<https://doi.org/10.3390/atmos10010038>; ISSN 2073-4433; CODEN: ATMOCZ;

Impact factor 2,046 Web of Science, AIS factor 0.496, Atmosphere – Basel.

[3]. Innovative Internet of Things Healthcare Applications based on Green Power Energy”, Aurel Chirap, Marius Prelipceanu, *Otilia Sanda Prelipceanu*, Liviu Leontie, Mihai Cazacu, 2-nd edition of the International Conference on Sensing and Instrumentation in IoT Era, **IEEE Instrumentation and Measurement Society**, Lisbon, Portugal, ISSI 2019 IN PRESS;

Revistă indexată IEEE Instrumentation and Measurement Society, în curs de indexare Web of Science;

[4]. Porous spinel-type oxide semiconductors for high-performance acetone sensors, C Doroftei, *O.S. Prelipceanu*, A Carlescu, L Leontie, M Prelipceanu,

doi:10.1109/DAAS.2018.8396081, <https://ieeexplore.ieee.org/document/8396081>, **IEEE 2018 International Conference on Development and Application Systems (DAS 2018);**

Revistă indexată IEEE Explore și indexată ISI Web of Science;

[5]. WIRELESS SYSTEM FOR MONITORING AND CONTROL OF ENVIRONMENTAL PARAMETERS, *Otilia-Sanda Prelipceanu*, Marius Mihai Cazacu, Iulian Alin Roșu, Marius Prelipceanu, *BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI*, Volumul 64 (68), Numărul 4, anul 2018, Secția MATEMATICĂ. MECANICĂ TEORETICĂ. FIZICĂ; ISSN 1223-8139, ISSN-L 1224-7863, (ONLINE) ISSN 2537-4990;

Revistă indexată BDI, B+, Copernicus, CNKI Scholar și Ulrichs.

[6]. NEW EXPERIMENTAL APPROACH OF ATMOSPHERIC POLLUTANT COMPOUNDS DETECTION, *Otilia-Sanda Prelipceanu*, Ștefan Havriliuc, Ionuț Dănuț Roșu, Marius Mihai Cazacu, Iulian Alin Roșu, Marius Prelipceanu, *BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI*, Volumul 65 (69), Numărul 1, anul 2019, Secția MATEMATICĂ. MECANICĂ TEORETICĂ. FIZICĂ; ISSN-L 1224-7863, (ONLINE)ISSN 2537-4990;

Revistă indexată BDI, B+, Copernicus, CNKI Scholar și Ulrichs.

Perioada 2015 – 2005

[1]. Photoelectron spectroscopy investigations of pirolo[1,2-a][1,10]phenantroline derivatives - M. Prelipceanu, *O.S. Prelipceanu*, L. Leontie, R. Danac, **Physics Letters A**, Volume 368, Issues 3-4, 2007, pp. 331-335, <http://dx.doi.org/10.1016/j.physleta.2007.04.013>, www.sciencedirect.com/science/article/pii/S0375960107005397; ISSN 0375-9601;

Impact factor 2.087 Web of Science, factor AIS 0,489.

[2]. Study of oriented growth of oligofluorene–thiophene films onto aligned vacuum-deposited polytetrafluoroethylene layers - Marius Prelipceanu, Ovidiu-Gelu Tudose, **Otilia-Sanda Prelipceanu**, Sigurd Schrader, Konstantin Grytsenko, **Materials Science in Semiconductor Processing**, Volume 10, Issue 1, February 2007, pp, 24–35, <http://dx.doi.org/10.1016/j.mssp.2006.11.001>,

www.sciencedirect.com/science/article/pii/S1369800106002836, ISSN 1369-8001,

Impact factor 2.722 Web of Science, factor AIS 0.384;

[3]. Study of thermal conversion and patterning of a new soluble poly (p-phenylenevinylene) (PPV) precursor - Marius Prelipceanu, **Otilia-Sanda Prelipceanu**, Ovidiu-Gelu Tudose, Liviu Leontie, Bernd Grimm, Sigurd Schrader, **Materials Science in Semiconductor Processing**, Volume 10, Issues 2–3, April 2007, pp. 77–89, <http://dx.doi.org/10.1016/j.mssp.2007.05.004>, www.sciencedirect.com/science/article/pii/S1369800107000236, ISSN 1369-8001,

Impact factor 2.722 Web of Science, factor AIS 0.384;

[4]. New Organic thermally stable materials for optoelectronics devices - A linear spectroscopy study - **O.S. Prelipceanu**, M. Prelipceanu, O.G. Tudose, B. Grimm, S. Schrader, IOP Publishing Limited Cornell University Library, Condensed Matter - Materials Science, Condensed Matter - Soft Condensed Matter,

<http://arxiv.org/find/all/1/all:+prelipceanu/0/1/0/all/0/1>, arXiv 0704.0572, IOP Database;

Indexată arXiv 0704.0572, IOP Database;

[5]. Thermally Stimulated Luminescence and Current in new heterocyclic materials for Organic field transistors and organic light emitting diodes - M. Prelipceanu, **O.S. Prelipceanu**, O.G. Tudose, S. Schrader, IOP Publishing Limited Cornell University Library, Condensed Matter - Materials Science, Condensed Matter - Soft Condensed Matter, <http://arxiv.org/find/all/1/all:+prelipceanu/0/1/0/all/0/1>, arXiv 0704.0568, IOP, Database;

Indexată arXiv 0704.0568, IOP, Database;

[6]. Oriented growth of pentacene films on vacuum-deposited polytetrafluoroethylene layers aligned by rubbing technique - M. Prelipceanu, **O.S. Prelipceanu**, O.G. Tudose, K. Grytsenko, S. Schrader IOP Publishing Limited Cornell University Library, Condensed Matter - Materials Science, Condensed Matter - Soft Condensed Matter, <http://arxiv.org/find/all/1/all:+prelipceanu/0/1/0/all/0/1>, arXiv 0704.0538, IOP Database;

Indexată arXiv 0704.0538, IOP Database;

[7]. Aree protejate forestiere din judetul Botosani, **Otilia Prelipceanu**, Sanda Claudia Musca Simpozion National Biodiversitatea – intre intentii si realitate, Galati 2013, ISSN 2248-3810

Indexată BDI

[8]. Noua ne pasa de mediul inconjurator – **Otilia Sanda Prelipceanu**, Elena Oprita, Volumul “Experiente educationale vol 12” Realizat de Centrul CARTATO-DANUBIAN de Geoecologie in parteneriat cu Editura DECESFERA MEDIA

Indexată BDI

[9]. Si noi iubim padurea! Elena Oprita, **Otilia Sanda Prelipceanu**, Volumul “Experiente educationale vol 14” Realizat de Centrul CARTATO-DANUBIAN de Geoecologie in parteneriat cu Editura DECESFERA MEDIA

Indexată BDI

Listă selectivă prezentări orale și postere susținute la conferințe internaționale și naționale

- [1].TIM 18 Physics Conference, Conference of PhD Students, Timișoara, **Mineral dust and meteorological observations: 5 years long systematic comparison in Northeast Romania**, *Otilia Sanda Prelipceanu*, https://timconference.uvt.ro/objectives_topics.php, 24 – 25 Mai, 2018;
- [2] ELSEDIMIA International Conference, Cluj-Napoca, Romania, **Mineral dust impact on the amount of rainfall, in the North-Eastern part of Romania**, *Otilia Sanda Prelipceanu*, Marius Mihai Cazacu, Adrian Timofte, Gina Tiron, Liviu Leontie, Silviu Gurlui, 17 – 19 Mai, http://www.elsedima.ro/admin/media/Agenda_ELSEDIMA-2018-International-Conference.pdf, 2018;
- [3]. **Workshop on Sensors and High Energy Physics (SHEP 2016), Suceava**, (Romania) *O.S. Prelipceanu*, M. Prelipceanu – Detection and investigation of localized states in new electron transporting heterocyclic polymers and oligomers suitable for optoelectronic devices;
- [4]. **ICPAM7 - 7th International Conference on Physics of Advanced Materials, Iași, România**, M. Prelipceanu, O.G. Tudose, *O. S. Prelipceanu*, S. Schrader- Thermally Stimulated Luminescence and Current in New Heterocyclic Materials for Organic Field Effect Transistors and Organic Light Emitting Diodes;
- [5]. **ICPAM7 - 7th International Conference on Physics of Advanced Materials, Iasi, Romania**, *O. S. Prelipceanu*, M. Prelipceanu, O.G. Tudose, B. Grimm, S. Schrader – New Thermally Stable Polymers for Optoelectronics Devices – A Linear Optical Spectroscopy Study;
- [6]. **ICPAM7 - 7th International Conference on Physics of Advanced Materials, Iași, (Romania)**, O.G. Tudose, M. Prelipceanu, *O. S. Prelipceanu*, S. Schrader - Scanning probe investigations of morphology of new p - channel materials for organic field effect transistors;
- [7]. **Organic Electronic Summer School 2005** - Transport in carbon based conjugated material, Portoconte, (Italy), M. Prelipceanu, *O. S. Prelipceanu*, R. Velagapudi, B. Grimm, S. Schrader M. Jandke and P. Stroehriegl - Investigations of localized states in new electron transporting heterocyclic polymers and oligomers suitable for optoelectronic devices;
- [8]. **Organic Electronic Summer School 2005** – Transport in carbon based conjugated material, Portoconte, (Italy), *Otilia Sanda Prelipceanu*, Marius Prelipceanu, Bernd Grimm Sigurd Schrader - Optimization of new organic thermally stable materials a linear optical spectroscopic study;
- [9]. **Romanian Conference on Advanced Materials, ROCAM06 Bucharest – Magurele, (Romania)**. M. Prelipceanu, L. Leontie, R. Danac, *O. S. Prelipceanu* - “Organic light-emitting devices based on new Pirolo[1,2-a][1,10]phenantroline derivatives and poly(p-Phenylenevinylene)”;
- [10]. **Bilateral Symposium „Functional Polymers“** - Institute for Thin Film and Microsensoric Technology, Teltow, (Germany), Marius Prelipceanu, *Otilia Sanda Prelipceanu*, Sigurd Schrader, Konstantin Grytsenko - Oriented growth of pentacene films on vacuum-deposited polytetrafluoroethylene layers aligned by rubbing technique;
- [11]. **Tag Der Chemie**, Potsdam (Germany), 2004. *O. S. Prelipceanu*, M. Prelipceanu, O. Tudose, B. Grimm, and S. Schrader, Linear optical investigations for new thermally stable polymers used for optoelectronic devices;
- [12]. European Conference on Organic Electronics and Related Phenomena 2003 - ECOER'03, London O.G. Tudose, *O.S. Prelipceanu*, H. Detert , R.K.Velagapudi, *M. Prelipceanu*, S. Timpanaro, S.Schrader - Organic-Inorganic Multilayers for OFETs
- [13] Doktoranden-Workshop "Nanotechnologien für Biosensoren und Biochips", Universität Potsdam, Potsdam, 2003 M. Prelipceanu *O.S. Prelipceanu*- New Thermally Stimulated investigations in organic materials
- [14]. Winter school on Organic Electronics – materials, Thin Films, Charge Transport & Devices, OEWS'04, Plannersalm, Austria. M. Prelipceanu, O. G. Tudose, *O.S. Prelipceanu* S. Schrader - Thermally Stimulated Luminescence investigations of New Materials for OFET's

and OLED's.

[15]. Winter school on Organic Electronics – materials, Thin Films, Charge Transport & Devices, OEWS'04, Planneralm, Austria. O. G. Tudose, **O.S. Prelipceanu**, S. Schrader - Investigations on Morphology of Thin Film of Organic Model Compounds for OEDs

[16] Varena, Italy, Third EUROFET periodic meeting , M. Prelipceanu, O.G. Tudose, **O. S. Prelipceanu**, S. Schrader- Thermally Stimulated Luminescence and Current in New Heterocyclic Materials for Organic Field Effect Transistors and Organic Light Emitting Diodes

[17]. Strasbourg, France, Fourth EUROFET periodic meeting, **O.S. Prelipceanu** - Localized States and Band structure of new low-molecular OFET channel materials

[18]. Organic Electronic Summer School 2005-Transport in carbon based conjugated material, Portoconte, Italy , Workshop, M. Prelipceanu, **O. S. Prelipceanu**, R. Velagapudi , B. Grimm, S. Schrader M. Jandke and P. Strohhriegl - Investigations of localized states in new electron transporting heterocyclic polymers and oligomers suitable for optoelectronic devices

[19]. Eindhoven, Nederland, Fifth EUROFET periodic meeting **O.S. Prelipceanu** - Localized states in OFET devices.

Lista selectivă citări ale articolelor publicate

1. *A Turbulence-Oriented Approach to Retrieve Various Atmospheric Parameters Using Advanced Lidar Data Processing Techniques*, Rosu, Iulian-Alin; Cazacu, Marius-Mihai; Prelipceanu, Otilia Sanda Prelipceanu, *ATMOSPHERE*, Volume 10 Issue 1 Published 2019;

TIMES CITED 1

Record 1

Investigation of Aerosol Properties and Structures in Two Representative Meteorological Situations over the Vipava Valley Using Polarization Raman LiDAR By: Wang, Longlong; Stanic, Samo; Eichinger, William; et al., *ATMOSPHERE* Volume: 10 Issue: 3 Article Number: 128 Published: MAR 8 2019

2. *Investigations of Novel High-Temperature Resistant Polymers for Electro-Optical Applications in Signal Processing Systems*, Prelipceanu, Otilia-Sanda; Prelipceanu, Marius; Paraschiv, Nicolae; Popa, Alexandru; Oana Geman, *SYMMETRY-BASEL*, Volume 11, Issue 1 Published 2019;

TIMES CITED 0

3. *Porous spinel-type oxide semiconductors for high-performance acetone sensors*, Doroftei, Corneliu; Prelipceanu, Otilia Sanda; Carlescu, Aurelian; Leontie, Liviu; Prelipceanu, Marius, 2018, *14TH INTERNATIONAL CONFERENCE ON DEVELOPMENT AND APPLICATION SYSTEMS (DAS)*, Page 110-113 Published 2018;

TIMES CITED 1

Record 1

The influence of Sc³⁺ ions on the microstructure, electrical, and gas-sensing properties of Ni-Co-Sc ferrite, By: Doroftei, C.; Leontie, L. *JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY* Volume: 91 Issue: 3 Pages: 654-663 Published: SEP 2019

4. *Study of oriented growth of oligofluorene-thiophene films onto aligned vacuum-deposited polytetrafluoroethylene layers*, Prelipceanu, Marius; Tudose, Ovidiu-Gelu; Prelipceanu, Otilia-Sanda; Schrader, Sigurd; Grytsenko, Konstantin, *MATERIALS SCIENCE IN*

TIMES CITED 11

Record 1

Superhydrophobic Polytetrafluoroethylene/Heat-Shrinkable Polyvinyl Chloride Composite Film with Super Anti-Icing Property, By: Jiang, Zhiqing; Wang, Xueqin; Jia, Huiying; et al. POLYMERS Volume: 11 Issue: 5 Article Number: 805 Published: MAY 2019

Record 2

HEALTH CARE SYSTEM FOR MONITORING OLDER ADULTS IN A "GREEN" ENVIRONMENT USING ORGANIC PHOTOVOLTAIC DEVICES, By: Chiuchisan, Iuliana; Geman, Oana; Prelipceanu, Marius; et al., ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL Volume: 15 Issue: 12 Pages: 2595-2604 Published: DEC 2016

Record 3

Surface-induced highly oriented perylo[1,12-b,c,d]selenophene thin films for high performance organic field-effect transistors, By: Liu, Lili; Ren, Zhongjie; Xiao, Chengyi; et al. ORGANIC ELECTRONICS Volume: 35 Pages: 186-192 Published: AUG 2016

Record 4

SURFACE-INDUCED POLYMER CRYSTALLIZATION, By: Sun, Xiaoli; Yan, Shouke, POLYMER MORPHOLOGY: PRINCIPLES, CHARACTERIZATION, AND PROCESSING Pages: 202-239 Published: 2016

Record 5

Structural, optical, and electrical characterization of the poly[9,9-dioctylfluorenyl-2,7-diyl]-co-1,4-benzo-(2,1,3)-thiadiazole thin film fabricated by electrostatic spray technique, By: Mustafa, Maria; Kim, Hyung Chan; Doh, Yang-Hui; et al. POLYMER ENGINEERING AND SCIENCE Volume: 54 Issue: 3 Pages: 675-681 Published: MAR 2014

Record 6

Surface investigations of vacuum Teflon thin films deposited on different materials suitable for medical applications and optoelectronics, By: Prelipceanu, Marius; Cojocariu, Lucian-Nicolae; Graur, Adrian, Conference: 4th IEEE International Conference on E-Health and Bioengineering (EHB) Location: Iasi, ROMANIA Date: NOV 21-23, 2013, IEEE EMB Romania Chapter; Romanian Acad Iasi Branch, Inst Comp Sci, 2013 E-HEALTH AND BIOENGINEERING CONFERENCE (EHB) Book Series: E-Health and Bioengineering Conference Published: 2013

Record 7

Molecular structure and optical properties of PTFE-based nanocomposite polymer-metal coatings, By: Rahachou, A. V.; Rogachev, A. A.; Yarmolenko, M. A.; et al. APPLIED SURFACE SCIENCE Volume: 258 Issue: 6 Pages: 1976-1980 Published: JAN 1 2012

Record 8

Vapor Phase Epitaxy of Perylo[1,12-b,c,d]thiophene on Highly Oriented Polyethylene Thin Films, By: Jiang, Shidong; Qian, Hualei; Liu, Wei; et al. MACROMOLECULES Volume: 42 Issue: 23 Pages: 9321-9324 Published: DEC 8 2009

Record 9

The structure and molecular orientation of polytetrafluoroethylene coatings deposited from active gas phase, By: Rogachev, Alexander A.; Tamulevicius, Sigita; Rogachev, Alexander V.; et al. APPLIED SURFACE SCIENCE Volume: 255 Issue: 15 Pages: 6851-6856 Published: MAY 15 2009

Record 10

Controlled Deposition of Crystalline Organic Semiconductors for Field-Effect-Transistor Applications By: Liu, Shuhong; Wang, Wechung Maria; Briseno, Alejandro L.; et al. ADVANCED MATERIALS Volume: 21 Issue: 12 Pages: 1217-1232 Published: MAR 26 2009

Record 11

Vacuum evaporation-deposited polyterafluoroethylene films: Growth mechanism, properties, and applications, By: Gritsenko, K. P. RUSSIAN JOURNAL OF GENERAL CHEMISTRY Volume: 79 Issue: 3 Pages: 642-656 Published: MAR 2009

5. Photoelectron spectroscopy investigations of pyrrolo[1,2-a][1,10]phenanthroline derivatives, Prelipceanu, M.; Prelipceanu, O. S.; Leontie, L, PHYSICS LETTERS A, Volume 368 Issue 3-4 Page 331-335 Published 2007;

TIMES CITED 15

Record 1

Cycloaddition versus amidation in reactions of 2-amino-2-oxoethyl-phenanthroline ylides to activated alkynes and alkenes, Associated DataRecord contains structures,By: Al Matarneh, Cristina M.; Ciobanu, Catalina I.; Apostu, Mircea O.; et al. COMPTES RENDUS CHIMIE Volume: 21 Issue: 1 Pages: 1-8, Published: JAN 2018

Record 2

HEALTH CARE SYSTEM FOR MONITORING OLDER ADULTS IN A "GREEN" ENVIRONMENT USING ORGANIC PHOTOVOLTAIC DEVICES, By: Chiuchisan, Iuliana; Geman, Oana; Prelipceanu, Marius; et al. ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL Volume: 15 Issue: 12 Pages: 2595-2604 Published: DEC 2016

Record 3

New indolizines with phenanthroline skeleton: Synthesis, structure, antimycobacterial and anticancer evaluation, Record contains structures, By: Danac, Ramona; Al Matarneh, Cristina M.; Shova, Sergiu; et al.,BIOORGANIC & MEDICINAL CHEMISTRY Volume: 23 Issue: 10 Pages: 2318-2327 Published: MAY 15 2015

Record 4

SYNTHESIS AND ELECTRON TRANSPORT PROPERTIES OF SOME NEW 4,7-PHENANTHROLINE DERIVATIVES IN THIN FILMS By: Al Matarneh, Cristina M.; Danac, Ramona; Leontie, Liviu; et al., Conference: 2nd International Conference on Chemical Engineering (ICCE) Location: Fac Chem Engr and Environm Protect, Gheorghe Asachi Tech Univ Iasi, Iasi, ROMANIA Date: NOV 05-08, 2014, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL Volume: 14 Issue: 2 Pages: 421-431 Published: FEB 2015

Record 5

A Health Care Self-Monitoring System for Patients with Visual Impairment using a Network of Sensors By: Geman, Oana; Chiuchisan, Iuliana, Conference: E-Health And Bioengineering Conference (EHB) Location: Iasi, ROMANIA Date: NOV 19-21, 2015,IEEE-EMB Romania Chapter; Inst Comp Sci Roamanian Acad Iasi Branch; Romanian Soc Med Bioengineering; IEEE Romania Sect; EHB 2015 E-HEALTH AND BIOENGINEERING CONFERENCE, Book Series: E-Health and Bioengineering Conference Published: 2015

Record 6

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