

## Curriculum vitae

### Informații personale



<https://www.webofscience.com/wos/author/record/GWM-5677-2022>

[https://www.researchgate.net/profile/Gabriela\\_Lisa](https://www.researchgate.net/profile/Gabriela_Lisa);

<https://scholar.google.com/citations?user=KvLBGfcAAAAJ&hl=en&oi=ao>

Nume / Prenume **Lisa Gabriela**

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Cetățenia română

**Poziție academică** Profesor universitar, Universitatea Tehnică "Gheorghe Asachi" din Iași, Facultatea de Inginerie Chimică și Protecția Mediului „Cristofor Simionescu”, Departamentul Inginerie Chimică

### Educație

Perioada 2016-2017

Calificarea / diploma obținută Doctor Habilitat în domeniul Inginerie Chimică, Teza de abilitare: DESIGN OF HIGH PERFORMING MATERIALS WITH INCREASED THERMAL STABILITY: STRUCTURE-PROPERTY RELATIONSHIP AND DEGRADATION MECHANISM, susținere publică ianuarie 2017, atestatul de abilitare nr. 3667/13.04.2017 acordat de Ministerul Educației Naționale.

Numele și tipul instituției de învățământ Universitatea Tehnică Gheorghe Asachi din Iași

Perioada 1996 – 2000, stagiul doctorat, coordonator științific: membru corespondent al Academiei Române prof.dr. doc. ing. Radu Z. Tudose

Calificarea / diploma obținută Doctor în științe, domeniul Inginerie chimică, titlul tezei „Studii în extracția lichid-lichid”

Numele și tipul instituției de învățământ Universitatea Tehnică Gheorghe Asachi din Iași

Perioada 1995 – 1996

Calificarea / diploma obținută Studii Aprofundate, specializarea Operații de separare bazate pe transferul de masă

Numele și tipul instituției de învățământ Universitatea Tehnică Gheorghe Asachi din Iași, Facultatea de Inginerie Chimică și Protecția Mediului

Perioada 1990 – 1995

Calificarea / diploma obținută Licență, inginer chimist, specializarea Inginerie Chimică

Numele și tipul instituției de învățământ Universitatea Tehnică Gheorghe Asachi din Iași, Facultatea de Inginerie Chimică și Protecția Mediului

### Experiența profesională

#### Invatamant/cercetare/industrie

Perioada 2017- prezent

Funcția sau postul ocupat Profesor universitar

Principalele activități și responsabilități Cursuri: Chimie fizică 1. Termodinamică – nivel licență; Chimie fizică 2. Cinetică – nivel licență, Chimie fizică 3. Sisteme polidisperse – nivel licență; Chimia fizică a sistemelor omogene și disperse – nivel master

Laborator: Chimie fizică 1. Termodinamică – nivel licență; Chimie fizică 2. Cinetică – nivel licență; Chimia fizică a sistemelor omogene și disperse – nivel master

Seminar: Chimie fizică 1. Termodinamică – nivel licență; Chimie fizică 2. Cinetică – nivel licență,

Conducerea de lucrări științifice pentru cercurile studențești și pregătirea studenților pentru concursurile profesionale, Conducerea de lucrări de dizertație; Cercetare științifică – coordonare teze de doctorat (1 teză finalizată, 5 doctoranzi în stagiul).

Perioada 2009 – 2017

Funcția sau postul ocupat	Conferențiar universitar
Principalele activități și responsabilități	Cursuri: Chimie fizică 1. Termodinamică – nivel licență; Chimie fizică 2. CINETICĂ – nivel licență, Laborator: Chimie fizică 1. Termodinamică – nivel licență; Chimie fizică 2. CINETICĂ – nivel licență, Seminar: Chimie fizică 1. Termodinamică – nivel licență; Chimie fizică 2. CINETICĂ – nivel licență, Conducerea de lucrări științifice pentru cercurile studențești și pregătirea studenților pentru concursurile profesionale, Cercetare științifică – conducere proiecte de cercetare.
Numele și adresa angajatorului	Universitatea Tehnică Gheorghe Asachi din Iași, Facultatea de Inginerie Chimică și Protecția Mediului, b-dul D. Mangeorn, nr. 73, Iasi, RO-700050
Tipul activității sau sectorul de activitate	Învățământ universitar, didactic-cercetare
Perioada	2004 – 2009
Funcția sau postul ocupat	Lector
Principalele activități și responsabilități	Cursuri: Termodinamică și cinetică chimică și biochimică – nivel licență; Chimie fizică 1. Termodinamică – nivel licență; Chimie fizică 2. CINETICĂ – nivel licență, Chimie fizică 3. , Chimia fizică a sistemelor polidisperse - nivel licență Laborator: Termodinamică și cinetică chimică și biochimică – nivel licență; Chimie fizică 1. Termodinamică – nivel licență; Chimie fizică 2. CINETICĂ – nivel licență, Chimie fizică 3- nivel licență, Seminar: Termodinamică și cinetică chimică și biochimică – nivel licență; Chimie fizică 1. Termodinamică – nivel licență; Chimie fizică 2. CINETICĂ – nivel licență, Chimie fizică 3- nivel licență, Conducerea de lucrări științifice pentru cercurile studențești și pregătirea studenților pentru concursurile profesionale, Cercetare științifică – conducere proiecte de cercetare.
Numele și adresa angajatorului	Universitatea Tehnică Gheorghe Asachi din Iași, Facultatea de Inginerie Chimică și Protecția Mediului, b-dul D. Mangeorn, nr. 73, Iasi, RO-700050
Tipul activității sau sectorul de activitate	Învățământ universitar, didactic-cercetare
Perioada	2001 – 2004
Funcția sau postul ocupat	Asistent universitar
Principalele activități și responsabilități	Cursuri: Chimie fizică– nivel colegiu Laborator: Chimie fizică– nivel colegiu; Chimie fizică 1, Chimie fizică 2, Chimie fizică 3 – nivel licență; Fenomene de transfer și utilaje în industria chimică– nivel licență Seminar: Chimie fizică– nivel colegiu; Chimie fizică 1, Chimie fizică 2, Chimie fizică 3 – nivel licență; Fenomene de transfer și utilaje în industria chimică– nivel licență Proiect: Fenomene de transfer și utilaje în industria chimică– nivel licență
Numele și adresa angajatorului	Universitatea Tehnică Gheorghe Asachi din Iași, Facultatea de Inginerie Chimică și Protecția Mediului, b-dul D. Mangeorn, nr. 73, Iasi, RO-700050
Tipul activității sau sectorul de activitate	Învățământ universitar, didactic-cercetare
Perioada	1996 - 2000
Funcția sau postul ocupat	doctorand cu frecvență – asistent cercetare
Principalele activități și responsabilități	Cercetare –pregătirea lucrării de doctorat Laborator: Fenomene de transfer și utilaje în industria chimică– nivel licență Seminar: Fenomene de transfer și utilaje în industria chimică– nivel licență Proiect: Fenomene de transfer și utilaje în industria chimică– nivel licență
Numele și adresa angajatorului	Universitatea Tehnică Gheorghe Asachi din Iași, Facultatea de Inginerie Chimică și Protecția Mediului, b-dul D. Mangeorn, nr. 73, Iasi, RO-700050
Tipul activității sau sectorul de activitate	Învățământ universitar, didactic-cercetare

## Aptitudini și competențe

Limba(i) străină(e) cunoscute Engleză, Franceză

Autoevaluare

	Comprehensiune				Vorbire				Scris	
	Abilități de ascultare		Abilități de citire		Interacțiune		Exprimare			
<b>Limba</b>	E	Bine	E	Foarte bine	E	Bine	E	Bine	E	Bine
<b>Limba</b>	F	Bine	F	Foarte bine	F	Bine	F	Bine	F	Bine

Competențe și aptitudini organizatorice • Capacitatea de a organiza și efectua activități de cercetare, dovedită prin: proiectele la care am participat, dintre care **4 în calitate director de proiect și la un proiect CEEX am fost responsabil cu partea financiară** (menționez că la acest proiect au fost implicate 3 universități și 3 institute de cercetare) și lucrările științifice ale studenților pe care le-am coordonat (premiile la manifestările științifice studențești).

- **Coordonatoare** alături de domnul profesor dr.ing. Nicolae Hurduc a **laboratorului de analiză termică** din cadrul centrului de cercetare Polimeri: <http://erris.gov.ro/Centrul-de-Cercetare-POLIMER>
- Capacitatea de a organiza și efectua alte activități care contribuie la bunul mers al facultății și universității, dovedită prin: implicarea la nivel de facultate în anii universitari 2002/2003, 2003/2004, 2004/2005 și 2005/2006 la **organizarea și desfășurarea concursului de admitere**; participarea la organizarea a două manifestări științifice în anii 2002 și 2008; participarea la organizarea manifestărilor științifice studentești între anii 2002-2019; **redactor responsabil la editarea Ghidului Studentului din anul I în perioada 2006-2009**; responsabil la nivel de facultate cu respectarea normelor de protecție a mediului în privința substanțelor chimice periculoase în perioada 2003-2006; **secretar de redacție la Buletinul Institutului Politehnic din Iași – Secția Chimie și Inginerie Chimică în perioada 2005-2008**, membră în subcomisia pentru evaluarea și asigurarea calității (CEAC) la nivelul Facultății de Inginerie Chimică și Protecția Mediului, 2006-2012, **membră în Consiliul Facultății 2007-2008, 2016-2020, 2020-2024, membră CEAC la nivel de Universitate 2012-2016, 2016-2020, 2020-2024,;** membră în comitetul științific și de organizare la **High School Science Projects 2014-2019, 2021-2023**; membră în comisia de organizare a **concursului de Chimie Cristofor Simionescu 2013-2022**, participare activă în comisia de promovare a facultății.

Competențe și aptitudini tehnice

Capacitatea de a organiza dotarea laboratoarelor de cercetare sau didactice, și de punere în funcțiune a noi lucrări de laborator, demonstrată în cadrul departamentului.

Competențe și cunoștințe de utilizare a calculatorului

Operare windows (word, excel, power point), origin, unix, utilizarea programelor specifice (chem draw, cerius 2, chem cad, neurosolution, sigmaplot), etc.

**Domenii de cercetare**

Caracterizarea fizico-chimică a materialelor  
 Studiul proprietăților termodinamice a sistemelor binare și ternare lichid-lichid  
 Aplicarea instrumentelor inteligenței artificiale în ingineria chimică

**Stagii de pregătire**

Stagiu de pregătire didactică și pedagogică, 2001 – 2004, Universitatea Tehnică Gheorghe Asachi din Iași, Departamentul pentru Pregătirea Personalului Didactic.

**Membru în organizații și organisme științifice**

1. **Societatea de Inginerie Chimică din România (secretar filiala Iași)**
2. Societatea de Chimie din România
3. Societatea Română de Reologie
4. Society of Plastics Engineers

**Informații suplimentare**

**Scientific Board** - Buletinul Institutului Politehnic Iasi - Secțiunea Chimie și Inginerie Chimică  
**Reviewer** la revistele: Journal of the American Chemical Society, Chemical Engineering and Processing, Polymer Degradation and Stability, High Performance Polymers, Journal of Thermal Analysis and Calorimetry, Journal of Analytical and Applied Pyrolysis, Journal of the Iranian Chemical Society, Arabian Journal of Chemistry, International Journal of Polymer, Journal of Molecular Liquids, Cellulose Chemistry and Technology, Current Bioactive Compounds, Advances in Chemistry, Journal of Molecular Structure.

**Participation in COST international projects:**

1. International project Cost FP0802, "Experimental and Computational Micro-Characterization Techniques in Woods Mechanics", member Management Committee, Chair of action dr. Karin Hofstette, <http://cost-fp0802.tuwien.ac.at/news.html>, 2009 – 2011.
2. International project COST Action FP1006 "Bringing new functions to wood through surface modification", member Management Committee, Chair of action dr. Stefanie Wieland, <http://cost-fp1006.fh-salzburg.ac.at/>, 2011-2013.

**Expert evaluator CNCSIS**

Cărți publicate: **2** capitole de carte in edituri internaționale, **6** cărți în edituri recunoscute CNCSIS și un caiet de laborator

Lucrări științifice publicate: **219** în reviste cotate ISI

Granturi câștigate prin competiție: **28** din care **4** director și la un **proiect responsabil economic**

**Premii:** Diploma de Excelență și Medalia de Argint – Salonul internațional jubiliar al cercetării, inventiilor și transferului tehnologic, INVENTICA 2008; Medalia de Bronz – la Euro Invent 2010; Premiul pentru cea mai bună lucrare publicată în anul 2007 în revista Materiale Plastice, **Medalia Gheorghe Asachi și Premiul pentru cercetătorul cu cele mai bune performanțe în cercetarea științifică - Gala Premiilor de excelență în cercetarea științifică din Universitatea Tehnică "Gheorghe Asachi", Iași - 2013.**

Citări:**2741**; Hirsch Index (ISI): **25** (Scopus)

Data 24.07.2023

Prof. univ.habil.dr.ing. Gabriela Lisa



## Lista de lucrări Prof. univ.habil.dr.ing. Gabriela Lisa

Organophosphorus Reinforced Poly(vinyl alcohol) Nanocomposites Doped with Silver-Loaded Zeolite L Nanoparticles as Sustainable Materials for Packaging Applications, Vlad-Bubulac, Tachita ; Hamciuc, Corneliu; Serbezeanu, Diana; Suflet, Dana Mihaela ; Rusu, Daniela; Lisa, Gabriela; Anghel, Ion; Preda, Dana-Maria; Todorova, Totka; Rimbu, Cristina Mihaela, *Polymers* 2023, 15, 2573. <https://doi.org/10.3390/polym15112573>. WOS:001005603500001

Structural and flame retardancy properties of GO-DOPO-HAK composite, Mihis Alin Grig, Cotet Liviu Cosmin, Cadar Calina, Pop Lucian Cristian, Todea Milica, Rusu Mihai Marius, Vulpoi Adriana, Székely István, Sălăgean Cătălin Alexandru, Magyari Klara, Muresan-Pop Marieta, Cadar Oana, Baia Monica, Sofran Ioana Emilia, Lisa Gabriela, Anghel Ion, Baibarac Mihaela, Danciu, Virginia, Baia Lucian, *Journal of Materials Science*, 58(16), 7025 – 7047. 10.1007/s10853-023-08456-w, WOS:000970927100002

Recycling of Nonwoven Waste Resulting from the Manufacturing Process of Hemp Fiber-Reinforced Recycled Polypropylene Composites for Upholstered Furniture Products, Ichim Mariana, Filip Ioan, Stelea Lucia, Lisa, Gabriela, Muresan Emil Ioan, *Sustainability (Switzerland)*, 2023, 15(4), Art. number 3635. 10.3390/su15043635. WOS:000942068200001

Polyimide-Derived Supramolecular Systems Containing Various Amounts of Azochromophore for Optical Storage Uses, Barzic, Andreea Irina, Sava Ion, Albu Raluca Marinica, Ursu Cristian, Lisa Gabriela, Stoica Iuliana, *Polymers*, 2023, 15(4) art number 1056, 10.3390/polym15041056.WOS:000941763600001

Cobalt Ferrite/Polyetherimide Composites as Thermally Stable Materials for Electromagnetic Interference Shielding Uses, Asandulesa, Mihai, Hamciuc, Corneliu, Pui, Aurel, Virlan, Constantin, Lisa, Gabriela, Barzic, Andreea Irina, Oprisan, Bogdan, *International Journal of Molecular Sciences*, 2023, 24 (2), art number 999. 10.3390/ijms24020999 WOS:000915521100001

Electrospun Nanofibers Based on Polymer Blends with Tunable High-Performance Properties for Innovative Fire-Resistant Materials. Serbezeanu, D.; Hamciuc, C.; Vlad-Bubulac, T.; Onofrei, M.-D.; Bargan, A.; Rusu, D.; Suflet, D.M.; Lisa, G. *Polymers* 2022, 14, 5501. <https://doi.org/10.3390/polym14245501>.WOS:000904369400001

Thermal Properties and Flammability Characteristics of a Series of DGEBA-Based Thermosets Loaded with a Novel Bisphenol Containing DOPO and Phenylphosphonate Units. Hamciuc, C.; Vlad-Bubulac, T.; Serbezeanu, D.; Macsim, A.-M.; Lisa, G.; Anghel, I.; Sofran, I.-E. *Materials* 2022, 15, 7829. <https://doi.org/10.3390/ma15217829>, WOS:000883912800001

Tailoring Thermal and Electrical Properties of Jeffamine Segmented Polyetherimide Composite Films Containing BaTiO3 particles. Hamciuc, C.; Lisa, G.; Serbezeanu, D.; Gradinaru, L.M.; Asandulesa, M.; Tudorachi, N.; Vlad-Bubulac, T. *Polymers* 2022, 14, 4715. <https://doi.org/10.3390/polym14214715>.WOS:000883960600001

Optical and Flame-Retardant Properties of a Series of Polyimides Containing Side Chained Bulky Phosphaphenanthrene Units. Homocianu, M.; Serbezeanu, D.; Lisa, G.; Brebu, M.; Vlad-Bubulac, T. *Int. J. Mol. Sci.* 2022, 23, 13174. <https://doi.org/10.3390/ijms232113174>. WOS:000881250200001

<p>Thermal behavior, decomposition mechanism by TG/MS/FTIR technique and theoretical study of some symmetric and asymmetric bent-core liquid crystals based on 2,7-dihydroxynaphthalene, Epure Elena-Luiza, Lisa Gabriela, Simion Gheorghe, Simion Aurel, Ciobanu Catalina Ionica, Carlescu, Irina, Journal of Thermal Analysis and Calorimetry, Volume 147, Issue 21, Pages 12033 - 12045 November 2022 WOS:000805054700003</p>
<p>Evaluation of the Sublimation Process of Some Purine Derivatives: Sublimation Rate, Activation Energy, Mass Transfer Coefficients and Phenomenological Models. Cleminte, C.-I.; Ionita, D.; Lisa, C.; Cristea, M.; Mamaliga, I.; Lisa, G. Materials 2022, 15, 7376. <a href="https://doi.org/10.3390/ma15207376">https://doi.org/10.3390/ma15207376</a>. WOS:000875382700001</p>
<p>Effects of Phosphorus and Boron Compounds on Thermal Stability and Flame Retardancy Properties of Epoxy Composites. Hamciuc, C.; Vlad-Bubulac, T.; Serbezeanu, D.; Macsim, A.-M.; Lisa, G.; Anghel, I.; Sofran, I.-E. Polymers 2022, 14, 4005. <a href="https://doi.org/10.3390/polym14194005">https://doi.org/10.3390/polym14194005</a>. WOS:000867078900001</p>
<p>Thermal and Mechanical Characterization of Coir Fibre–Reinforced Polypropylene Biocomposites. Ichim, M.; Stelea, L.; Filip, I.; Lisa, G.; Muresan, E.I. Crystals 2022, 12, 1249. <a href="https://doi.org/10.3390/cryst12091249">https://doi.org/10.3390/cryst12091249</a>. WOS:000858137900001</p>
<p>Moving towards Valorization of Biowastes Issued from Biotrickling Filtration of Contaminated Gaseous Streams: A Thermochemical Analysis-Based Perspective. Lisa, G.; Anghel, I.; Preda, D.-M.; Lisa, C.; Cretescu, I.; Buciscanu, I.I.; Diaconu, M.; Soreanu, G. Sustainability 2022, 14, 10737. <a href="https://doi.org/10.3390/su141710737">https://doi.org/10.3390/su141710737</a>. WOS:000851806000001</p>
<p>Viscosity Deviation Modeling for Binary and Ternary Mixtures of Benzyl Alcohol-N-Hexanol-Water. Bîrgăuanu, I.; Danu, M.; Lisa, C.; Leon, F.; Curteanu, S.; Ibanescu, C.; Lisa, G. Materials 2022, 15, 5699. <a href="https://doi.org/10.3390/ma15165699">https://doi.org/10.3390/ma15165699</a>. WOS:000845419700001</p>
<p>Phosphorylated Poly(vinyl alcohol) Electrospun Mats for Protective Equipment Applications. Serbezeanu, D.; Vlad-Bubulac, T.; Onofrei, M.D.; Doroftei, F.; Hamciuc, C.; Ipate, A.-M.; Anisie, A.; Lisa, G.; Anghel, I.; Sofran, I.-E.; Popescu V. 2022, Nanomaterials, 12, 2685. <a href="https://doi.org/10.3390/nano12152685">https://doi.org/10.3390/nano12152685</a> WOS:00083984360000</p>
<p>Thermal characterization and rheological behavior of some varnishes and paints used for wood protection, Mihăilă A., Danu M., Ibănescu C., Anghel I., Șofran I.-E., Balanescu L.V., Tudorachi N., Lisa G., International Journal of Environmental Science and Technology Volume 19, Issue 7, Pages 6299 - 6314 July 2022. DOI 10.1007/s13762-021-03579-6. WOS:000681548300001</p>
<p>Characterisation of Hemp Fibres Reinforced Composites Using Thermoplastic Polymers as Matrices. Stelea, L.; Filip, I.; Lisa, G.; Ichim, M.; Drobota, M.; Sava, C.; Muresan, A. Polymers 2022, 14, 481. <a href="https://doi.org/10.3390/polym14030481">https://doi.org/10.3390/polym14030481</a>. WOS:000754591600001</p>
<p>Isothermal Drying Kinetic Study of Spent Coffee Grounds Using Thermogravimetric Analysis, Bejenari Victoria, Lisa Cătălin, Cernătescu Corina, Mămăligă Ioan, Lisa Gabriela, International Journal of Chemical Engineering Open Access Volume 2022. 2022 Article number 2312147. DOI 10.1155/2022/2312147, WOS:000829096900001</p>
<p>Physico-chemical characterization of the antioxidant mixture resveratrol-ferulic acid for applications in dermato-cosmetic products, Turcov Delia, Barna Simona, Profire Lenuța, Iacob Andreea Teodora, Lisă Gabriela, Puițel Adrian-Cătălin, Zbranca Anca, Șuteu Daniela, Farmacia Open Access Volume 70, Issue 3, Pages 410 – 416, 2022, DOI 10.31925/farmacia.2022.3.5 WOS:000820244800005</p>
<p>Eco-friendly flame retardant epoxy nanocomposites based on polyphosphonate and halloysite nanotubes, Hamciuc, C; Vlad-Bubulac, T; Serbezeanu, D ; Lisa, G ; Anghel, I ; Preda, DM, JOURNAL OF VINYL &amp; ADDITIVE TECHNOLOGY, 2022, DOI 10.1002/vnl.21940. WOS:000851443800001</p>
<p>Vitamin C interaction with activated carbons: isotherms, thermodynamics, thermal investigation, V. Gutsanu. G. Lisa, M. Botnaru, In: Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Science. 2022, no. 8(4), pp. 32-52. 10.26479/2022.0804.04 WOS:000754219700004</p>

Physicochemical characterization and energy recovery of spent coffee grounds, Bejenari V., Marcu A., Ipate A-M., Rusu D., Tudorachi N., Anghel I., Șofran I-E., Lisa G., Journal of Materials Research and Technology, 15, 2021, 4437-4451, WOS:000717684300001
Mesomorphic and Thermal Behavior of Symmetric Bent-Core Liquid Crystal Compounds Derived from Resorcinol and Isophthalic Acid. Ciobanu, C.I.; Berladean, I.; Epure, E.-L.; Simion, A.; Lisa, G.; Boussoualem, Y.; Carlescu, I. Crystals 2021, 11, 1215. <a href="https://doi.org/10.3390/cryst11101215">https://doi.org/10.3390/cryst11101215</a> , WOS:000747165900001
Study on highly thermostable low-k polymer films based on fluorene-containing polyetherimides, Olariu MA., Hamciuc C., Asandulesa M., Hamciuc E., Epure E-L, Tsakiris V, Lisa G, Polymer Engineering and Science, 61(10), 2021, 2639-2652, 10.1002/pen.25792, WOS:000690693400001
Pyrolysis and combustion of polystyrene composites based on graphene oxide functionalized with 3-(methacryloyloxy)propyltrimethoxysilane, Anghel I., Lisa G., Șofran I-E., Mitroi-Symeonidis F-C., Rusu MM., Baia M., Baia L., Magyari K., Danciu V, Cotet LC, Stroe M., Baibarac M, JOURNAL OF POLYMER ENGINEERING, 41(7), 2021, 615-626, 10.1515/polyeng-2021-0071, WOS:000681143500009
Application of thermal analysis to improve the preparation conditions of zeolitic materials from flying ash, Buema G., Lisa G., Kotova O, Ciobanu G, Ivaniciuc L, Favier L, Harja M., Environmental Engineering and Management Journal , 20(3). 2021, 377-388, WOS:000637746900007
Tailoring poly (ether-imide) films features towards high performance flexible substrates, Butnaru I., Chiriac A-P., Asandulesa M., Sava I, Lisa G, Damaceanu M-D., Journal of Industrial and Engineering Chemistry, 93, 2021, 436-447, 10.1016/j.jiec.2020.10.023, WOS:000594535000011
Assessing the Electrical Characteristics of p–n Heterojunction Prototype Diodes Realized with n-Type Polyimide Materials, Constantin C-P, Lisa G., Damaceanu M-D, Macromolecules, 54(2), 2021, 941-957, 10.1021/acs.macromol.0c01853, WOS:000613936700039
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