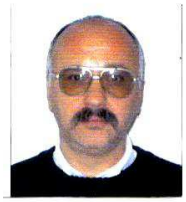
Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)	**Daniel Mircea Sutiman**
Address(es)	Valea Adâncă, Str. Costea Voda nr. 51, Iași, Romania
Telephone(s)	+40232278683 / 2107 Mobile:
Fax(es)	+40232271311
E-mail	sutiman@ch.tuiasi.ro
Nationality	Romanian
Date of birth	09/08/1957
Gender	male

Desired employment / Occupational field

Professor

Work experience

Dates	1982 - 1988
Occupation or position held	Engineer
Name and address of employer	CCH Craiova

Dates	1988-1996
Occupation or position held	Assistant
Main activities and responsibilities	Teaching and scientific research activities
Name and address of employer	Technical University „Gh. Asachi" Iaşi, Faculty of Chemical Engineering and Environmental Protection Mangeron Street nr.71A, zip code 700050, Tel.: +40232278683, Fax : +40232271311, Website: www.tuiasi.ro
Type of business or sector	Education

Dates	1996-1998
Occupation or position held	Lecturer
Main activities and responsibilities	Teaching and scientific research activities
Name and address of employer	Technical University „Gh. Asachi" Iaşi, Faculty of Chemical Engineering and Environmental Protection Mangeron Street nr.71A, zip code 700050, Tel.: +40232278683, Fax : +40232271311, Website: www.tuiasi.ro
Type of business or sector	Education

Dates	1999-2003
Occupation or position held	Associate Professor
Main activities and responsibilities	Teaching and scientific research activities

Name and address of employer	Technical University „Gh. Asachi" Iaşi, Faculty of Chemical Engineering and Environmental Protection Mangeron Street nr.71A, zip code 700050, Tel.: +40232278683, Fax : +40232271311, Website: www.tuiasi.ro
Type of business or sector	Education
Dates	From 2003 until present
Occupation or position held	Professor
Main activities and responsibilities	Teaching and scientific research activities
Name and address of employer	Technical University „Gh. Asachi" Iaşi, Faculty of Chemical Engineering and Environmental Protection Mangeron Street nr.71A, zip code 700050, Tel.: +40232278683, Fax : +40232271311, Website: www.tuiasi.ro
Type of business or sector	Education

Education and training

Dates	1989 -1997
Title of qualification awarded	PhD
Principal subjects/occupational skills covered	Corrosion behavior of alloys and metals in organic and inorganic environments Synthesis and characterization of inorganic coordination compounds Specific techniques for the analysis of complex combinations: IR. XRD, Thermal analysis, NMR and investigation of the corrosion processes.
Name and type of organisation providing education and training	Faculty of Chemical Engineering and Environmental Protection, Technical University "Gheorghe. Asachi" Iasi, Romania
Dates	1977 – 1982
Title of qualification awarded	BSc
Principal subjects/occupational skills covered	The chemistry profile Technology of inorganic compounds specialization • Chemistry of inorganic compounds • Engineering of chemical reactions • Technologies of high tonnage inorganic compounds and of chemical substances with special properties
Name and type of organisation providing education and training	Faculty of Chemical Engineering and Environmental Protection, Technical University "Gheorghe. Asachi" Iasi, Romania
Dates	1972-1976
Title of qualification awarded	Graduate with baccalaureate
Principal subjects/occupational skills covered	Disciplines corresponding real profile
Name and type of organisation providing education and training	Nicolae Titulescu High School, Craiova, Romania

Personal skills and competences

Mother tongue(s): Romanian language

Other language(s)

Self-assessment	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoken interaction		Spoken production			
French	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
English	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(*) Common European Framework of Reference for Languages

Social skills and competences	Team player; adaptable to different cultural and scientific environments; good communication skills

Organisational skills and competences	Spirit of organisation; experience in team management
Technical skills and competences	Technical competent on the processes in the chemical industry of inorganic compounds
Computer skills and competences	Advanced user of computer in teaching activities and scientific research
Driving licence	Category B driving licence
Additional information	Publications in journals: 208 (91 indexed ISI) Books: 20 Patents: 11 Research grants: 20

Representative scientific papers

1. Photoluminescent properties of novel Y(III), Sm(III), Eu(III), Gd(III) and Tb(III) complexes with 2-(1H-1,2,4-Triazol-3-yl)pyridine.C. Stan, C. Peptu, N. P. Horlescu, D. Sutiman. Inorganica Chimica Acta, 429, p.160-167, 2015, **doi:10.1016 /j. ica. 2015.01. 041,** *(factor impact ISI =2.041*.
2. One step synthesis of fluorescent carbon dots through pyrolysis of N-hydroxysuccinimide. C.S.Stan, C.Albu, A.Coroaba, M.Popa, D.Sutiman. Journal of Materials Chemistry, vol. 3, nr. 4, p. 789-795, 2015, **doi: 10.1039/C4TC02382J**, *(factor impact ISI =6.626),*
3. Photoluminiscent Red, Green and Blue monoliths new Eu(III), Tb(III) and Y(III) complexes embedded in silics matrix. C.S.Stan, M.Popa, D.Sutiman, P.Horlescu. Electronic Material Letters,vol. 10, 4, 2014, 827-835, **DOI: 101007/s13391-014-3240-5** *(factor impact*
ISI =3.977).
4. Neuro-evolutionary optimization methodology applied to the synthesis process of ash based adsorbents. S. Curteanu, G. Buema, C. G.
Piuleac, D. Sutiman, M. Harja. Journal of Industrial and Engineering Chemistry, 20, 2014, p. 597-604, 2014, **DOI: 10.1016/ j.jiec. 2013. 05.020** *(factor impact ISI =1.977*).
5. Uranium removal from aquenous solutions by raw and modified thermal power plant ash. G.Buema, F.Noli, P.Misaelides, D.M. Sutiman, I.Creţescu, M.Harja. Journal of Radioanalytical and nuclear chemistry, 299, 2014,p.381-386, **DOI 10,1007/s10967-013-2801-7** *(factor impact ISI =1,467)*
6. The estimation of corrosion behaviour of ZrTi binary alloys for dental applications using electrochemical techniques. D.Mareci, G. Bolat, R. Chelariu, D. Sutiman, C. Munteanu. Materials Chemistry and Physics, 141, 362 – 369, 2013, *(factor impact ISI =2.234).*
7. Evaluation of the corrosion resistance of new ZrTi alloys by experiment and simulation with an adaptive instance-based regression model. Daniel Mareci, D. Sutiman, R. Chelariu, F. Leon, S. Curteanu, Corrosion Science, 73, 106–122, (2013) *(factor impact ISI =3.734)*
8. Electrochemical characterization of ZrTi alloys for biomedical applications. Part 2. The effect of thermal oxidation. G. Bolat, J. Izquierdo, D. Mareci, D. Sutiman, R. M. Souto, Electrochimica Acta , Volume 106, 1 September 2013, Pages 432-439, 2013, **DOI: http://dx.doi.org /doi: 10.1016/j.electacta.2013.05.093***(factor impact ISI =3.832).*
9. Characterisation of the localized surface chemical activity of Ti-Mo and Ti-Ta alloys for biomedical application using Scanning Electrochemical Microscopy. G. Ciurescu, J. Izquierdo, J.J. Santana, D. Mareci, D. Sutiman, S. González, R.M. Souto. Int. J. Electrochem. Sci., 7, 2012, 7404 – 7424, *(factor impact ISI =3.729).*
10. On the correlation between thermal analysis results and corrosion behaviour of some metallic religious artifacts. I.Rusu, D.Sutiman,
G.Lisa, D.Mareci, N.Melniciuc-Puica. Journal of Thermalanalysis and Calorimetry, 2, vol. 104, 2011, p.423-430. *(factor impact =1,587).*
11. Removal of cadmium(II) from aqueous solution by adsorption onto modified algae and ash. M. Harja, G. Buema, L. Bulgariu, D. Bulgariu, D. M. Sutiman, G. Ciobanu. Korean Journal of Chemical Engeneering, 32, (9), 2015, p. 1804-1811, **DOI: 10.1007/s11814-015-0016-z**, *(factor impact ISI =1.241).*
12. Electrochemical and SEM characterization of YsZ coated CoCrMo alloy processed by plasma sprayed technique. M.Romas, D.Mareci, D.Sutiman, L.C.Trica, S.I. Strugariu, C.Munteanu. Environmental Engineering and Management Journal, vol. 14, 11, 2015, p.2719-2724. *(factor impact ISI=1.258).*
13. **.** Electrochemical behaviour of austenitic stainless steel in 3.5 wt% NaCl solution in the presence of caffeine environmental friendly corrosion inhibitor. G.Bolat, A.Cailean, D.Sutiman, D.Mareci. Revue Roumain de Chimie, 59, 1 2014, p. 53-59. *(factor impact ISI=0.331).*
14. Influence of Cffeine on the passivity of Cobalt-Chromium-Molybdenum alloy in artificial saliva. M. Romaş, D. Mareci, S. Curteanu and D. Sutiman. Revue Roumain de Chimie, 58, 1 2013, p. 11-17. *(factor impact ISI=0.331).*
15. Aplication of dynamic electrochemical impedance spectroscopy to the evaluation of the corrosion resistance of a historic bronze object in artificial acid rainwater. D. Mareci, I. Rusu, R. Chelariu, G. Bolat, C. Munteanu, D. Sutiman,R.M. Souto. European Journal of Science and Theology**,** December 2013, Vol.9, No.6, p.189-199. *(factor impact ISI=0.389).*
16. Photoemissive polymer composite based on new Y(III), Gd(III), and Tb(III) complexes with N-hydroxyphthalimide. C. Y. Roşca, P. Horlescu, C. S. Stan , D. Sutiman. Turkish Journal of Chemistry, 41, p. 648-657, 2017, **doi:10.3906/kim-1609-69**, *(factor impact ISI =1.292).*