

Curriculum vitae

1. Personal information		
<i>Surname/ first name</i>	IANOȘ / Robert Gabriel	
<i>Date of birth</i>	04.08.1981	
<i>Gender / nationality</i>	Male / Romanian	
<i>Address</i>	Politehnica University of Timișoara, Faculty of Industrial Chemistry and Environmental Engineering, P-ța Victoriei 2, Timișoara, 300006 Romania	
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<i>Scientific profile</i>	Scopus Author ID: 13907557400	WOS ResearcherID: B-7271-2011
2. Research area		
<ul style="list-style-type: none"> - preparation of metal oxide (nano)particles via solution combustion synthesis - NIR-reflective (cool) pigments and ceramic pigments - iron oxide nanoparticles (Fe_3O_4, $\gamma\text{-Fe}_2\text{O}_3$) for biomedical applications - Fe_3O_4 / C composite materials used as adsorbent materials 		
3. Scientometric indicators (15.11.2020)	Web of Science	Scopus
- number of papers published in ISI-ranked journals:	53	51
- Hirsch index, h:	18	19
- total number of citations:	914	1060
- total number of citations without self-citations:	844	940
4. Degrees and diplomas		Institution
2016	<i>Habilitation certificate</i> in Chemical Engineering	Politehnica University of Timișoara, Faculty of Industrial Chemistry and Environmental Engineering
2005 – 2008	<i>PhD diploma</i> in Material Science and Engineering	
2000 – 2005	<i>Chemical Engineering diploma</i> in the field of Science and Engineering of Oxide Materials	
1996 – 2000	<i>Baccalaureate certificate</i>	“David Prodan” National College, Cugir
5. Professional experience and jobs		Employer
2019 – present	<i>Full professor</i> , teaching & research activities: nanomaterials, solid state physical chemistry, physical chemistry of interfaces, colloidal chemistry	Politehnica University of Timișoara, Faculty of Industrial Chemistry and Environmental Engineering
2016 – 2019	<i>Associate professor</i> , teaching & research activities: nanomaterials, composite materials, solid state physical chemistry, physical chemistry of interfaces, colloidal chemistry, spectroscopic analysis methods	
2012 – 2016	<i>Lecturer</i> , teaching & research activities: composite materials, nanomaterials, solid state physical chemistry, physical chemistry of interfaces, spectroscopic analysis methods, inorganic chemistry	
2008 – 2012	<i>Assistant lecturer</i> , teaching & research activities: nanomaterials, composite materials, solid state physical chemistry, physical chemistry of interfaces, spectroscopic analysis methods	

6. Research grants implemented as project leader: 3 (member of the research team: 7)	
<ol style="list-style-type: none"> 1. 2015 – 2017: <i>Combustion synthesis of smart near-infrared reflective nanopigments for heat reflective (cool) coatings</i> (UEFISCDI, approx. 117.000 €), TE 142/01.10.2015 2. 2011 – 2014: <i>Innovative solutions in the field of large surface area ceramic nanopowder preparation via combustion synthesis</i> (UEFISCDI, approx. 157.000 €), TE 18/05.10.2011 3. 2007 – 2008: <i>Solution combustion synthesis of some oxides, oxide compounds and oxide solid solutions</i> (UEFISCSU, approx. 5.900 €), TD 164/2007 	
7. Awards: 5	
<ol style="list-style-type: none"> 1. "Excellence In Research" prize awarded by Politehnica University of Timișoara for the remarkable results obtained in the research field in 2015-2016 2. "Traian Lalescu" prize for Mathematics and Nature Sciences, awarded in 2015 in the framework of Banat Excellence Gala, second edition 3. "In Hoc Signo Vinces" Magna cum Laude prize, awarded in 2010 by the National Council for Scientific Research in Higher Education for outstanding scientific research 4. "Eminent Researcher" prize, awarded in 2010 by Horizon Educational Association for exceptional results in teaching and research activity 5. More than 20 ISI-ranked papers awarded by the National Council for Scientific Research in Higher Education within the Awarding Research Results Program 	
8. Other publications and reviewing activities	
<ul style="list-style-type: none"> - patents: 1 (+ 1 patent application pending); - habilitation thesis: 1; - invited reviewer for 34 international ISI-ranked journals (> 60 reviewed manuscripts) - books: 5 - PhD thesis: 1 	
9. Managerial responsibilities and memberships	
<ul style="list-style-type: none"> - member of the guidance commission of 4 PhD students - supervisor of 13 graduate students and 3 master students - participation to the recruitment process of 5 employees (1 PhD student, 1 Lecturer, 3 Associate professor positions), Politehnica University of Timișoara, Romania - member of the Department Council of Applied Chemistry and Engineering of Inorganic Compounds and Environment, Politehnica University of Timișoara, Romania - member of the Romanian Ceramic Society, CEROM, Romania - chairman at the XII-a Conference of Science and Engineering of Oxide Materials (session IV of oral presentations), CONSILOX 16-20 September 2016, Sinaia, România - secretary of the International Conference of Chemistry and Chemical Engineering (Science and Engineering of Oxide Materials), 27-29 May 2010, Timișoara, Romania 	
10. Research skills and competencies	
<ul style="list-style-type: none"> - able to elaborate and implement a research plan, lead a research team, perform teamwork, prepare scientific materials (articles, presentations, posters), perform managerial tasks - professionally trained to operate research equipment: Micromeritics ASAP 2020, Rigaku ULTIMA IV XRD, DRS VARIAN Cary 300 Bio, FLIR T 640 thermal imaging (IR) camera - acquainted with the results interpretation of various characterization methods: N₂ adsorption-desorption, XRD, UV-VIS-NIR DRS and CIEL*a*b* color analysis, thermal imaging, TG-DSC, FT-IR, VSM, SEM-EDAX, TEM, DLS - familiar with using various software: OriginPro 8, PDXL, ResearchIR, ACDSee 8, Microsoft Office 365 (Word, Power Point, Excel) 	