

Short list of publications (relevant 5 publications):

1. **Gimi A. Rimbu**, Mihai Iordoc, Radu Vasilescu-Mirea, Ioan Stamatina, Traian Zaharescu, *Electrochemical deposition of polyaniline thin films on carbonic substrates for utilization as hydrogen mediator and self catalyst in fuel cells*, **Revista de Chimie** (60), nr.12, p.1285-1287, 2009

<http://www.scopus.com/record/display.url?eid=2-s2.0-75749085246&origin=resultslist&sort=plf-f&src=s&st1=Rimbu&sid=gRnrxrHq2F9urOSvh9MKhSsX%3a20&sot=b&sdt=b&sl=117&s=AUTHOR-NAME%28Rimbu%29+AND+SUBJAREA%28MULT+OR+CENG+OR+CHEM+OR+COMP+OR+EART+OR+ENER+OR+ENGI+OR+ENVI+OR+MATE+OR+MATH+OR+PHYS%29&relpos=5&relpos=5&searchTerm>

2. **Gimi A. Rimbu**, Mihai Iordoc, Radu Vasilescu-Mirea, Ioan Stamatina, Iulian Iordache, Traian Zaharescu, *Polyaniline rod-like structure as self-electrocatalyst for hydrogen oxydation reactions*, **Optoelectronics and Advanced Materials – Rapid Communications**, vol.2, nr.10, p. 876-880, 2008

<http://www.scopus.com/record/display.url?eid=2-s2.0-69249109302&origin=resultslist&sort=plf-f&src=s&st1=Rimbu&sid=gRnrxrHq2F9urOSvh9MKhSsX%3a20&sot=b&sdt=b&sl=117&s=AUTHOR-NAME%28Rimbu%29+AND+SUBJAREA%28MULT+OR+CENG+OR+CHEM+OR+COMP+OR+EART+OR+ENER+OR+ENGI+OR+ENVI+OR+MATE+OR+MATH+OR+PHYS%29&relpos=8&relpos=8&>

3. Keith Scott, **Gimi A. Rimbu**, Krishna P. Katuri and Ian M. Head, “*Application of Modified Carbon Anodes in Microbial Fuel Cells*”, **Process Safety and Environmental Protection**, Official Journal of the European Federation of Chemical Engineering: Part B, Vol.85, Issue B5, p.481-488 (2007)

[http://www.scopus.com/record/display.url?eid=2-s2.0-34748902245&origin=resultslist&sort=plf-f&src=s&st1=Rimbu&sid=gRnrxrHq2F9urOSvh9MKhSsX%3a20&sot=b&sdt=b&sl=117&s=AUTHOR-NAME%28Rimbu%29+AND+SUBJAREA%28MULT+OR+CENG+OR+CHEM+OR+COMP+OR+EART+OR+ENER+OR+ENGI+OR+ENVI+OR+MATE+OR+MATH+OR+PHYS%29&relpos=14&relpos=14&searchTerm=AUTHOR-NAME\(Rimbu\)](http://www.scopus.com/record/display.url?eid=2-s2.0-34748902245&origin=resultslist&sort=plf-f&src=s&st1=Rimbu&sid=gRnrxrHq2F9urOSvh9MKhSsX%3a20&sot=b&sdt=b&sl=117&s=AUTHOR-NAME%28Rimbu%29+AND+SUBJAREA%28MULT+OR+CENG+OR+CHEM+OR+COMP+OR+EART+OR+ENER+OR+ENGI+OR+ENVI+OR+MATE+OR+MATH+OR+PHYS%29&relpos=14&relpos=14&searchTerm=AUTHOR-NAME(Rimbu))

4. **Rimbu G.A.**, Stamatina I., Jackson C.L. and Scott K., „*The morphology controll of polyaniline as conducting polymer in fuel cell technology*”, **Journal of Optoelectronics and Advanced Materials** (JOAM) vol.8, nr.2, p.670-675 (2006)

[http://www.scopus.com/record/display.url?eid=2-s2.0-33646804193&origin=resultslist&sort=plf-f&src=s&st1=Rimbu&nlo=&nlr=&nls=&sid=gRnrxrHq2F9urOSvh9MKhSsX%3a20&sot=b&sdt=b&sl=117&s=AUTHOR-NAME%28Rimbu%29+AND+SUBJAREA%28MULT+OR+CENG+OR+CHEM+OR+COMP+OR+EART+OR+ENER+OR+ENGI+OR+ENVI+OR+MATE+OR+MATH+OR+PHYS%29&relpos=20&relpos=0&searchTerm=AUTHOR-NAME\(Rimbu\)](http://www.scopus.com/record/display.url?eid=2-s2.0-33646804193&origin=resultslist&sort=plf-f&src=s&st1=Rimbu&nlo=&nlr=&nls=&sid=gRnrxrHq2F9urOSvh9MKhSsX%3a20&sot=b&sdt=b&sl=117&s=AUTHOR-NAME%28Rimbu%29+AND+SUBJAREA%28MULT+OR+CENG+OR+CHEM+OR+COMP+OR+EART+OR+ENER+OR+ENGI+OR+ENVI+OR+MATE+OR+MATH+OR+PHYS%29&relpos=20&relpos=0&searchTerm=AUTHOR-NAME(Rimbu))

5. **Rimbu G.A.**, Jackson C.L., Scott K., “*Platinum / carbon / polyaniline based nanocomposites as catalysts for fuel cell technology*”, **Journal of Optoelectronics and Advanced Materials (JOAM)**, vol.8, nr.2, p.611-617 (2006)

[http://www.scopus.com/record/display.url?eid=2-s2.0-33646775355&origin=resultslist&sort=plf-f&src=s&st1=Rimbu&nlo=&nlr=&nls=&sid=gRnrxrHq2F9urOSvh9MKhSsX%3a20&sot=b&sdt=b&sl=117&s=AUTHOR-NAME%28Rimbu%29+AND+SUBJAREA%28MULT+OR+CENG+OR+CHEM+OR+COMP+OR+EART+OR+ENER+OR+ENGI+OR+ENVI+OR+MATE+OR+MATH+OR+PHYS%29&relpos=21&relpos=1&searchTerm=AUTHOR-NAME\(Rimbu\)](http://www.scopus.com/record/display.url?eid=2-s2.0-33646775355&origin=resultslist&sort=plf-f&src=s&st1=Rimbu&nlo=&nlr=&nls=&sid=gRnrxrHq2F9urOSvh9MKhSsX%3a20&sot=b&sdt=b&sl=117&s=AUTHOR-NAME%28Rimbu%29+AND+SUBJAREA%28MULT+OR+CENG+OR+CHEM+OR+COMP+OR+EART+OR+ENER+OR+ENGI+OR+ENVI+OR+MATE+OR+MATH+OR+PHYS%29&relpos=21&relpos=1&searchTerm=AUTHOR-NAME(Rimbu))