

Brief Curriculum Vitae of Academic Members



Full name	Ahmad Reza Bahramian
Full/Associated/Assistant professor?	Associate Professor
Faculty	Chemical Engineering
Department	Polymer Engineering
Academic experience	8 years
Complete contact information (Tel, Email, Office address)	Department of Polymer Engineering, Faculty of Chemical Engineering, Tarbiat Modares University, P.O. Box: 14115/114, Tehran, Iran Tel: +982182884938 Email: abahramian@modares.ac.ir
Education including: BSc., MSc, PhD, and Posdoc(s)	BSc.: Chemical Engineering, Isfahan University of Technology (IUT) MSc: Polymer Engineering, Tarbiat Modares University, Tehran, Iran PhD: Polymer Engineering, Tarbiat Modares University, Tehran, Iran
Research interests	<ul style="list-style-type: none">• Polymeric Nanocomposites• Nano-structure and Aerogels• Thermal Protection Systems• Heat and Energy Transfer, Modeling and Simulation
Courses taught	<ul style="list-style-type: none">• Advanced Mathematics in Polymer Engineering (Graduate Course)• Transport phenomena in Polymeric Systems (Graduate Course)

<p>Selected publications (Please enter your selected and preferable papers, patents and any other publication)</p>	<ol style="list-style-type: none"> 1. Alireza Hajizadeh, Ahmad Reza Bahramian, Alireza Sharif, Investigation of the effect of sol concentration on the microstructure and morphology of Novolac hyperporous, <i>Journal of Non-Crystalline Solids</i> 402 (2014) 53–57. 2. Iman Naseri, Ali Kazemi, Ahmad Reza Bahramian, Mehdi Razzaghi Kashani, Preparation of organic and carbon xerogels using high-temperature–pressure sol–gel polymerization, <i>Materials and Design</i> 61 (2014) 35–40. 3. A. Jamekhorshid, S.M. Sadrameli, A.R. Bahramian, Process optimization and modeling of microencapsulated phase change material using response surface methodology, <i>Applied Thermal Engineering</i> 70 (2014) 183e189. 4. Reza Akhlaghi, Ahmad Reza Bahramian and Mehdi Razaghi Kashani, The Effect of Graphite Nanoparticles on Thermal Stability and Ablation of Phenolic/Carbon Fiber/Graphite Nanocomposites, <i>Iranian Journal of Polymer Science and Technology</i>, Vol. 27, No. 3, 241-249, August-September 2014. 5. Ahmad Reza Bahramian, Reza Akhlaghi Astaneh, Improvement of ablation and heat shielding performance of carbon fiber reinforced composite using graphite and kaolinite nanopowders, <i>Iran Polym J</i> (2014), 23: 979-985. 6. Alireza Hajizadeh, Ahmad Reza Bahramian, Azadeh Seifi, Iman Naseri, Effect of initial sil concentration on the microstructure and morphology of carbon aerogels, <i>J Sol-Gel Technol</i> (2015) 73: 220-226. 7. Mohamad Mehdi Seraji, Azadeh Seifi, Ahmad Reza Bahramian, Morphology and properties of silica/novolac hybrid xerogels synthesized using sol-gel polymerization at solvent vapor-saturated atmosphere, <i>Materials and Design</i> 69 (2015) 190-196. 8. Mohamad Mehdi Seraji, Nafiseh Sadat Ghafoorian, Ahmad Reza Bahramian, Ahmad Allahbakhsh, Preparation and characterization of C/SiO₂/SiC aerogels based on novolac/silica hybrid hyperporous materials, <i>J Non-Crys Solid</i>, 425 (2015) 146-152. 9. Nafiseh Sadat Ghafoorian, Ahmad Reza Bahramian, Mohamad Mehdi Seraji, Investigation of the effect of rice husk derived Si/SiC on the morphology and thermal stability of carbon composite aerogels, <i>Materials and Design</i>, 86 (2015) 279-288. 10. Ahmad Allahbakhsh, Ahmad Reza Bahramian, Self-assembled and pyrolyzed carbon aerogels: an overview of their preparation mechanisms, properties and applications, <i>Nanoscale</i>, 2015, 7, 14139.
<p>H Index</p>	<p>15 (www.scopus.com)</p>
<p>Associations/Groups/organizations or any other appropriate information about your membership</p>	<ul style="list-style-type: none"> • Iran Polymer Society • Iran Chemistry & Chemical Engineering Society
<p>Award(s)</p>	