

Curriculum Vitae

<i>Name</i>	Chrissafis Konstantinos
<i>Position</i>	Professor, School of Physics, Aristotle University of Thessaloniki Director of Advanced Materials and Devices Laboratory
<i>Education</i>	<ul style="list-style-type: none"> • PhD in Physics, Aristotle University of Thessaloniki (1993) • BSc. in Physics in Physics, School of Physics, Aristotle University of Thessaloniki (1981)
<i>Research activities</i>	<ul style="list-style-type: none"> • 199 articles in international journals • 85 articles in Proceedings of international conferences • 4 book chapter • h-index: 36 • Citations: 4450 • Research team coordinator in 15 international and Greek research programs • President of the Organizing Committee of 4 conferences • Member of the Organizing and Scientific Committees of 9 international and local conferences • Reviewer in 40 international scientific journals • 15 Diploma theses in the Postgraduate Course Program in “Physics and Technology of Materials” • 4 PhD thesis, finished • 6 PhD theses are currently conducted under my supervision. • Invited speaker in 10 conferences and schools
<i>Research interests</i>	<ul style="list-style-type: none"> • Physicochemical characterization of materials • Thermal characterization of materials in the temperature range –100 till 1750 °C. The studied materials cover a large area such as: semiconductors, magnetic materials, rocks, polymers, ceramics, biomaterials etc. • Kinetic study of amorphous materials • Kinetic study of phase transformation and decomposition • Thermal characterization of polymers- biocompatible polymers- nanocomposite polymers. Kinetic study of the crystallization of these materials. Study of thermal stability and kinetics of thermal degradation. • Study of metal’s oxidation, coatings oxidation in high temperatures. Kinetic study of oxidation
<i>Society boards</i>	<ul style="list-style-type: none"> • Member of the Editorial Board of the international journal “Thermochemica Acta” • President of the Hellenic Society of Thermal Analysis • Member of the committee of the European Society of Thermal Analysis and Calorimetry (ESTAC) • Member of the Committee of State Scholarships Foundation • Member of the Committee of the National Academic Recognition Information Center
<i>Ten most cited publications</i>	1. ICTAC Kinetics Committee recommendations for collecting experimental thermal analysis data for kinetic computations Vyazovkin, Sergey; Chrissafis, Konstantinos; Di Lorenzo, Maria Laura; et al., Thermochemica

- Acta 590 (2014) 1 (cited 255)
2. Can nanoparticles really enhance thermal stability of polymers? Part I: An overview on thermal decomposition of addition polymers, Chrissafis, K., Bikiaris, D., *Thermochim. Acta*, 523 (2011) 1-24 (cited 207)
 3. Effect of acid treated multi-walled carbon nanotubes on the mechanical, permeability, thermal properties and thermo-oxidative stability of isotactic polypropylene, Bikiaris, D.; Vassiliou, A.; Chrissafis, K.; et al., *Polymer Degradation and Stability*, 93 (5), 2008, 952-967 (cited 143)
 4. Comparative study of the effect of different nanoparticles on the mechanical properties and thermal degradation mechanism of in situ prepared poly(E-caprolactone) nanocomposites, Chrissafis, K.; Antoniadis, G.; Paraskevopoulos, K. M.; et al., *Composites Science and Technology*, 67(10), 2007, 2165-2174 (cited 130)
 5. Thermal degradation mechanism of poly(ethylene succinate) and poly(butylene succinate): Comparative study, Chrissafis, K.; Paraskevopoulos, KM; Bikiaris, DN, *Thermochimica Acta*, 435(2), 2005, 142-150 (cited 121)
 6. Kinetics of thermal degradation of polymers, Chrissafis, K., *Journal of Thermal Analysis and Calorimetry*, 95(1), 2009, 273-283 (cited 104)
 7. Synthesis and adsorption application of succinyl-grafted chitosan for the simultaneous removal of zinc and cationic dye from binary hazardous mixtures, Kyzas, George Z.; Siafaka, Panoraia I.; Pavlidou, Eleni G.; et al. *Chem. Engin. J.*, 259 (2015) 438-448 (cited 110)
 8. Unique pore selectivity for Cs⁺ and exceptionally high NH₄⁺ exchange capacity of the chalcogenide material K₆Sn[Zn₄Sn₄S₁₇] Manos, Manolis J.; Chrissafis, Konstantinos; Kanatzidis, Mercouri G., *J. American Chem. Soc.* 128 (2006) 8875 (cited 94)
 9. Thermal and dynamic mechanical behavior of bionanocomposites: Fumed silica nanoparticles dispersed in poly(vinyl pyrrolidone), chitosan, and poly(vinyl alcohol) Chrissafis, Konstantinos; Paraskevopoulos, Konstantinos M.; Papageorgiou, George Z.; et al., *J. Applied Polym. Science*, 110 (2008) 1739 (cited 82)
 10. Thermal degradation mechanism of HDPE nanocomposites containing fumed silica nanoparticles Chrissafis, K.; Paraskevopoulos, K. M.; Pavlidou, E.; et al., *Thermochimica Acta* 485 (2009) 65 (cited 73)