



Personal information

Name: Marco Valente
Location: Roma, IT
AICAT member since: 2018



Position: Full Researcher: Prof. of "Polymeric and Composite Materials"

Affiliation: Dep. of Chemical, Materials and Environment. University of Rome-SAPIENZA, Via Eudossiana 18 Roma



marco.valente@uniroma1.it



<http://dicma.ing.uniroma1.it/node/5677>

ORCID 0000-0002-6298-3693

ResearcherID

Scopus 18435303400

Education and positions: *Laurea* in Chemical Engineering, University of Rome (SAPIENZA) (1992); Researcher (1995); ASN for Associate professor (2015); Main courses: 1) Materials for Orthopedic Surgery; 2) Material Science; 3) Materials efficiency and reliability; 4) Polymeric and Composite Materials

Main fields of interest: Processing of Polymer and composite materials with particular attention to sustainable and recycling practice for materials recovery. General mechanical improvement and characterization of materials.

Methods: All type of mechanical testing(static and dynamic one) Superficial and bulk characterization..

Professional activities: Member of AIMAT, Member of ASSOCOMPOSITI, Member of INSTM, Member of AISCAT, Member of Rete LCA.

Publication record (as of June 2019): 35 peer-reviewed papers, one book chapters, citations >650, *h*-index: 13

5 most important publications:

Quitadamo, A., Massardier, V., Valente, M. Eco-friendly approach and potential biodegradable polymer matrix for WPC composite materials in outdoor application. *International Journal of Polymer Science* 2019;2019:3894370

Valente M., Marini D., Genova V., Quitadamo A., Marra, F., Pulci, G. Lightweight metallic matrix composites: Development of new composites material reinforced with carbon structures. *Journal of Applied Biomaterials and Functional Materials* 2019;17,

Valente, M., Quitadamo, A. Polymeric matrix composites at reduced environmental impact. *Polymer Engineering and Science* 2017;57(7):651-656

Valente, M., Tirillò, J., Quitadamo, A., Santulli, C. Paper fiber filled polymer. Mechanical evaluation and interfaces modification. *Composites Part B: Engineering* 2017;110:520-529

Sarasini, F., Tirillò, J., Ferrante, L., Valente, M., Valente, T., Lampani, L., Gaudenzi, P., Cioffi, S., Iannace, S., Sorrentino, L. Drop-weight impact behaviour of woven hybrid basalt-carbon/epoxy composites. *Composites Part B: Engineering* 2014;59:204-220