

Date of the CVA	20/09/2018
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Section A. PERSONAL DATA

Name and Surname	Alberto Lopez Arraiza		
DNI	20170830Z	Age	46
Researcher's identification number	Researcher ID		
	Scopus Author ID		
	ORCID		

A.1. Current professional situation

Institution	University of the Basque Country (UPV/EHU)		
Dpt. / Centre			
Address			
Phone	(+34) 946014832	Email	alberto.lopeza@ehu.eus
Professional category	Teacher and researcher	Start date	2011
UNESCO spec. code	331209 - Material resistance; 331212 - Testing of materials; 331908 - Naval architecture		
Keywords	Bioinstrumentation; Naval architecture		

A.2. Academic education (Degrees, institutions, dates)

Bachelor/Master/PhD	University	Year
Doctor en Programa Oficial de Posgrado en Ciencia e Ingeniería de Materiales	Universidad del País Vasco	2008
Industrial engineer	University of the Basque Country (UPV/EHU)	2000

A.3. General quality indicators of scientific production

Section B. SUMMARY OF THE CURRICULUM

Section C. MOST RELEVANT MERITS (ordered by typology)

C.1. Publications

- Scientific paper.** David Boullosa-Falces; et al. 2017. Monitoring of fuel oil process of marine diesel engine. Applied Thermal Engineering. 127, pp.517-526.
- Scientific paper.** David Boullosa Falces; et al. 2017. Monitoring through T2 Hotelling of cylinder lubrication process of marine diesel engine. Applied Thermal Engineering. 110, pp.32-38.
- Scientific paper.** Fabuer Ramon-Valencia; et al. 2016. Influence of seawater immersion in low energy impact behavior of a novel colombian fique fiber reinforced bio-resin laminate DYNA-COLOMBIA. 82, pp.170-177.
- Scientific paper.** H.N. Dhakal; et al. 2014. Effects of water immersion ageing on the mechanical properties of flax and jute fibre biocomposites evaluated by nanoindentation and flexural testing Journal of Composite Materials. 48-11, pp.1399-1406.
- Scientific paper.** Christian Gomez-Sanchez; et al. 2014. Electrospinning of poly(lactic acid)/polyhedral oligomeric silsesquioxane nanocomposites and their potential in chondrogenic tissue regeneration Journal of Biomaterials Science. 25-8, pp.802-825.
- Scientific paper.** Estibaliz Goikoetxea; et al. 2014. In Vitro Surfactant and Perfluorocarbon Aerosol Deposition in a Neonatal Physical Model of the Upper Conducting Airways PLOS ONE. 9, pp.1-10.
- Scientific paper.** H.N. Dhakal; et al. 2014. Influence of temperature and impact velocity on the impact response to jute/up composites Polymer Testing. 35, pp.10-19.

- 8 **Scientific paper.** Alberto Lopez-Arraiza; et al. 2013. High performance composite nozzle for the improvement of cooling in grinding machine tools *Composites Part B-Engineering*. 54, pp.313-318.
- 9 **Scientific paper.** Iban Amenabar; et al. 2012. Experimental analysis of drilling damage in carbon-fiber reinforced thermoplastic laminates manufactured by resin transfer molding *Journal of Composite Materials*. 46, pp.717-725.
- 10 **Scientific paper.** Iban Amenabar; et al. 2011. Comparison and analysis of non-destructive testing techniques suitable for delamination inspection in wind turbine blades *Composites Part B-Engineering*. 42, pp.1298-1305.
- 11 **Scientific paper.** Alberto Lopez-Arraiza; et al. 2011. Experimental analysis of drilling damage in biocomposite laminates manufactured by resin transfer molding *Journal of Biobased Materials and Bioenergy*. 5, pp.483-490.

C.2. Participation in R&D and Innovation projects

- 1 Proyecto CBLino: Valoración sostenible de las fibras naturales para el diseño y la fabricación de elementos constructivos de uso potencial en el campus universitario (Universidad del País Vasco). 01/10/2017-31/07/2018.
- 2 Administración de surfactante en la prematuridad. Desarrollo de un nebulizador y ensayo preclínico (Universidad del País Vasco). 2013-2018.
- 3 Proyecto EMBED/BIOCOM: Embarcación eléctrica alimentada por energía solar fotovoltaica para actividades de recreo (Universidad del País Vasco). 2014-2016.
- 4 Desarrollo y caracterización de nuevos laminados híbridos medioambientalmente sostenibles (Universidad del País Vasco). 2013-2014.
- 5 Proyecto ACTIMAT IV: Nuevos Materiales Estratégicos; inteligentes, funcionales y compounds especiales (IDEKO, SOC. COOP.). 2010-2011.
- 6 Proyecto HIBRIBUQ: Hibridación de alta eficiencia energética de un motovelero para emisiones cero y sostenibilidad medioambiental 2010-2010.
- 7 Proyecto GELUV: Reducción de los tiempos de fabricación de palas de aerogeneradores mediante el curado rápido por radiación ultravioleta (IDEKO, SOC. COOP.). 2009-2010.

C.3. Participation in R&D and Innovation contracts

C.4. Patents