

# Fabrizio D'errico

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1866951/publications.pdf>

Version: 2024-02-01

12  
papers

170  
citations

1307594

7  
h-index

1474206

9  
g-index

18  
all docs

18  
docs citations

18  
times ranked

167  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of carburizing and nitriding on failure of gears – A case study. Engineering Failure Analysis, 2006, 13, 312-339.	4.0	51
2	Mechanical and fracture behaviour of aluminium-based discontinuously reinforced composites at hot working temperatures. Composites Science and Technology, 2006, 66, 343-349.	7.8	39
3	Failure analysis of a motorcycle brake disc. Engineering Failure Analysis, 2006, 13, 933-945.	4.0	23
4	Fretting Fatigue Phenomena on an all Aluminium Alloy Conductor. Key Engineering Materials, 2007, 348-349, 5-8.	0.4	13
5	Fatigue behavior of duplex-treated samples coated with Cr(C,N) film. Surface and Coatings Technology, 2006, 201, 2335-2340.	4.8	12
6	Micropitting Damage Mechanism on Hardened and Tempered, Nitrided, and Carburizing Steels. Materials and Manufacturing Processes, 2011, 26, 7-13.	4.7	8
7	Hot workability and processing maps of aluminium based discontinuously reinforced composites. Materials Science and Technology, 2002, 18, 507-514.	1.6	7
8	An ICT-based energy management system to integrate renewable energy and storage for grid balancing. , 2013, , .		6
9	Influence of Microstructure on Mechanical Properties of an AZ91D Thixomolded® Magnesium Alloy. Key Engineering Materials, 2007, 348-349, 873-876.	0.4	4
10	Propiedades mecánicas de la aleación AZ31 procesada por una ruta eco-sostenible. Revista De Metalurgia, 2013, 49, 405-415.	0.5	2
11	Comparative Environmental Benefits of Lightweight Design in the Automotive Sector: The Case Study of Recycled Magnesium Against Cfrp and Steel. , 2015, , 73-78.		1
12	Damage Mechanisms of Initiating Micro-Pitting on 42CrMo4 Hardened and Tempered Steel. Key Engineering Materials, 2007, 348-349, 869-872.	0.4	0