

# Dario Santonocito

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7041873/publications.pdf>

Version: 2024-02-01

31  
papers

342  
citations

933447

10  
h-index

839539

18  
g-index

31  
all docs

31  
docs citations

31  
times ranked

262  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Determination of the Fatigue Behavior at Different Stress Ratios of Steels by Measuring the Energy Release. Lecture Notes in Civil Engineering, 2023, , 589-599.	0.4	1
2	Fatigue strength of a common steel welded detail through Eurocode 3 and local strain energy values. Procedia Structural Integrity, 2022, 39, 564-573.	0.8	0
3	Correlation between mechanical behaviour and microstructural features of AISI 316L produced by SLM. Procedia Structural Integrity, 2022, 41, 199-207.	0.8	5
4	Effect of misalignments and welding penetration on the fatigue strength of a common welded detail: SED method predictions and comparisons with codes. International Journal of Fatigue, 2022, 164, 107135.	5.7	4
5	Development of Machine Learning Algorithms for the Determination of the Centre of Mass. Symmetry, 2021, 13, 401.	2.2	11
6	Fatigue assessment of cruciform joints: Comparison between Strain Energy Density predictions and current standards and recommendations. Engineering Structures, 2021, 230, 111708.	5.3	18
7	Energy release as a parameter for fatigue design of additive manufactured metals. Material Design and Processing Communications, 2021, 3, e255.	0.9	2
8	A Parametric Study on a Dental Implant Geometry Influence on Bone Remodelling through a Numerical Algorithm. Prosthesis, 2021, 3, 157-172.	2.9	11
9	A Neural-Network-Based Methodology for the Evaluation of the Center of Gravity of a Motorcycle Rider. Vehicles, 2021, 3, 377-389.	3.1	9
10	An Approach to the Definition of the Aerodynamic Comfort of Motorcycle Helmets. Vehicles, 2021, 3, 545-556.	3.1	1
11	Thermal Emission analysis to predict damage in specimens of High Strength Concrete. Frattura Ed Integrita Strutturale, 2021, 15, 258-270.	0.9	9
12	Qualitative and Quantitative Evaluation of Different Types of Orthodontic Brackets and Archwires by Optical Microscopy and X-ray Fluorescence Spectroscopy. Prosthesis, 2021, 3, 342-360.	2.9	3
13	Tribological characterization of a hip prosthesis in Si3N4-TiN ceramic composite made with Electrical Discharge Machining (EDM). Procedia Structural Integrity, 2021, 33, 469-481.	0.8	12
14	Fatigue damage assessment in AM polymers evaluating their energy release. Procedia Structural Integrity, 2021, 34, 211-220.	0.8	1
15	Finite Element Analysis of OT Bridge fixed prosthesis system. Procedia Structural Integrity, 2021, 33, 734-747.	0.8	4
16	Fatigue damage assessment of welded HDPE details evaluating their energy release. Procedia Structural Integrity, 2021, 33, 724-733.	0.8	0
17	Rapid Energetic Approaches for the Fatigue Limit assessment in a medium carbon steel. Procedia Structural Integrity, 2021, 33, 748-756.	0.8	1
18	Fatigue assessment of a marine structural steel and comparison with Thermographic Method and Static Thermographic Method. Fatigue and Fracture of Engineering Materials and Structures, 2020, 43, 734-743.	3.4	34

#	ARTICLE	IF	CITATIONS
19	Chemical and Mechanical Roughening Treatments of a Supra-Nano Composite Resin Surface: SEM and Topographic Analysis. Applied Sciences (Switzerland), 2020, 10, 4457.	2.5	6
20	Evaluation of fatigue properties of 3D-printed Polyamide-12 by means of energy approach during tensile tests. Procedia Structural Integrity, 2020, 25, 355-363.	0.8	18
21	Determination of Fatigue Limit by Static Thermographic Method and Classic Thermographic Method on Notched Specimens. Procedia Structural Integrity, 2020, 26, 166-174.	0.8	18
22	Energetic approach for the fatigue assessment of PE100. Procedia Structural Integrity, 2020, 26, 306-312.	0.8	6
23	Experimental and numerical assessment of the end of the thermoelastic effect during static traction test. Procedia Structural Integrity, 2020, 28, 1449-1457.	0.8	4
24	Thermographic analysis during tensile tests and fatigue assessment of S355 steel. Procedia Structural Integrity, 2019, 18, 280-286.	0.8	17
25	Sandblasted and Acid Etched Titanium Dental Implant Surfaces Systematic Review and Confocal Microscopy Evaluation. Materials, 2019, 12, 1763.	2.9	62
26	A new approach to the analysis of fatigue parameters by thermal variations during tensile tests on steel. Procedia Structural Integrity, 2019, 24, 651-657.	0.8	5
27	Prosthetic and Mechanical Parameters of the Facial Bone under the Load of Different Dental Implant Shapes: A Parametric Study. Prosthesis, 2019, 1, 41-53.	2.9	43
28	Comparison of Two Low-Profile Prosthetic Retention System Interfaces: Preliminary Data of an In Vitro Study. Prosthesis, 2019, 1, 54-60.	2.9	24
29	Fatigue life evaluation of car front halfshaft. Procedia Structural Integrity, 2018, 12, 3-8.	0.8	1
30	Evaluation of mechanical properties of polyethylene for pipes by energy approach during tensile and fatigue tests. Procedia Structural Integrity, 2018, 13, 1663-1669.	0.8	11
31	On the influence of the elastic characteristics of composite materials on the vibrating properties. JVC/Journal of Vibration and Control, 0, , 107754632210982.	2.6	1