

# Luigi Mario Viespoli

## List of Publications by Year in descending order

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18  
papers

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citations

1478505

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1372567

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docs citations

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#	ARTICLE	IF	CITATIONS
1	In-situ tensile and fatigue behavior of electrical grade Cu alloy for subsea cables. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 835, 142654.	5.6	4
2	Tape winding angle influence on subsea cable sheathing fatigue performance. <i>Engineering Structures</i> , 2021, 229, 111660.	5.3	2
3	Effect of geometrical irregularities on fatigue of lead sheathing for submarine high voltage power cable applications. <i>International Journal of Fatigue</i> , 2021, 151, 106399.	5.7	1
4	Creep and high temperature fatigue performance of as build selective laser melted Ti-based 6Al-4V titanium alloy. <i>Engineering Failure Analysis</i> , 2020, 111, 104477.	4.0	35
5	Subsea power cable sheathing: an investigation of lead fatigue performance. <i>Procedia Structural Integrity</i> , 2020, 28, 344-351.	0.8	2
6	Tensile and fatigue behavior of a Pb-Sn-Sb alloy investigated via small-scale in-situ mechanical testing in SEM. <i>Procedia Structural Integrity</i> , 2020, 28, 648-658.	0.8	4
7	Low-temperature fatigue life properties of aluminum butt weldments by the means of the local strain energy density approach. <i>Material Design and Processing Communications</i> , 2019, 1, e30.	0.9	8
8	Medium to high cycle fatigue investigation on hot dip galvanized structural steel welded joints. <i>Ce/Papers</i> , 2019, 3, 585-590.	0.3	0
9	Rapid extrapolation of high-temperature low-cycle fatigue curves for a nickel superalloy. <i>Material Design and Processing Communications</i> , 2019, 1, e104.	0.9	4
10	Room temperature creep mechanism of a Pb-Sn-Sb lead alloy. <i>Procedia Structural Integrity</i> , 2019, 18, 86-92.	0.8	5
11	Strain controlled medium cycle fatigue of a notched Pb-Sn-Cd lead alloy. <i>Engineering Failure Analysis</i> , 2019, 104, 96-104.	4.0	9
12	Mixed mode fracture behavior of notched giant magnetostrictive: Mechanical characterization and comparison among failure criteria. <i>Theoretical and Applied Fracture Mechanics</i> , 2019, 99, 194-204.	4.7	6
13	Tensile characterization of a lead alloy: creep induced strain rate sensitivity. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 744, 365-375.	5.6	9
14	Cruciform welded joints: hot-dip galvanization effect on the fatigue life and local energetic analysis. <i>Procedia Structural Integrity</i> , 2018, 13, 340-346.	0.8	4
15	Local strain energy based fatigue assessment of cruciform welded joints: experimental data analysis and influence of hot-dip galvanization. <i>MATEC Web of Conferences</i> , 2018, 188, 02013.	0.2	0
16	Experimental and numerical investigation of strain distribution of notched lead fatigue test specimen. <i>MATEC Web of Conferences</i> , 2018, 165, 05003.	0.2	7
17	Fatigue investigation of complex weldments by the means of the local strain energy density approach. <i>MATEC Web of Conferences</i> , 2018, 165, 22003.	0.2	4
18	Fatigue Strength Assessment of Steel Rollers: On the Reliability of the Strain Energy Density Approach on Real Components. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1015.	2.5	12