Luigi Mario Viespoli

List of Publications by Year
in descending order

		1478505	1372567
18	116	6	10
papers	citations	h-index	g-index

18	18	18	91
all docs	docs citations	times ranked	citing authors

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