

# Lelia Murgia

## List of Publications by Year in descending order

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17  
papers

428  
citations

1040056

9  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

486  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy and environmental performances of hybrid photovoltaic irrigation systems in Mediterranean intensive and super-intensive olive orchards. <i>Science of the Total Environment</i> , 2019, 651, 2514-2523.	8.0	45
2	Dairy Energy Prediction (DEP) model: A tool for predicting energy use and related emissions and costs in dairy farms. <i>Computers and Electronics in Agriculture</i> , 2017, 135, 216-221.	7.7	23
3	Risk assessment of cheese processing tasks using the Strain Index and OCRA Checklist. <i>International Journal of Industrial Ergonomics</i> , 2017, 61, 142-148.	2.6	17
4	An algorithm for the calculation of the light distribution in photovoltaic greenhouses. <i>Solar Energy</i> , 2017, 141, 38-48.	6.1	47
5	Comparison of Upper Limb Muscle Activity among Workers in Large-Herd U.S. and Small-Herd Italian Dairies. <i>Frontiers in Public Health</i> , 2016, 4, 141.	2.7	6
6	Development and test of a portable device to monitor the health status of Sarda breed sheep by the measurement of the milk electrical conductivity. <i>Italian Journal of Animal Science</i> , 2016, 15, 275-282.	1.9	11
7	The inter-rater reliability of Strain Index and OCRA Checklist task assessments in cheese processing. <i>Applied Ergonomics</i> , 2015, 51, 199-204.	3.1	24
8	Solar radiation distribution inside a greenhouse with south-oriented photovoltaic roofs and effects on crop productivity. <i>Applied Energy</i> , 2014, 133, 89-100.	10.1	191
9	Evaluation of the performance of the first automatic milking system for buffaloes. <i>Journal of Dairy Science</i> , 2014, 97, 1491-1498.	3.4	8
10	Carpal tunnel syndrome among ewe dairy farmers in Sardinia, Italy. <i>American Journal of Industrial Medicine</i> , 2013, 56, 889-896.	2.1	5
11	A partial life cycle assessment approach to evaluate the energy intensity and related greenhouse gas emission in dairy farms. <i>Journal of Agricultural Engineering</i> , 2013, 44, .	1.5	10
12	Influence of low vacuum levels on milking characteristics of sheep, goat and buffalo. <i>Journal of Agricultural Engineering</i> , 2013, 44, .	1.5	9
13	Ergonomic issues in ewe cheese production: reliability of the Strain Index and OCRA Checklist risk assessments. <i>Journal of Agricultural Engineering</i> , 2013, 44, .	1.5	1
14	Effect of vacuum level on milk flow traits in Mediterranean Italian buffalo cow. <i>Italian Journal of Animal Science</i> , 2012, 11, e25.	1.9	10
15	Effects of the working vacuum level on mechanical milking of buffalo. <i>Journal of Dairy Science</i> , 2011, 94, 1755-1761.	3.4	19
16	Estimation of Noise-induced Hearing Impairment Risk in Sheep Dairy Farming. <i>Biosystems Engineering</i> , 1993, 55, 107-112.	0.4	2
17	A model for the sustainable energy use of forest biomass resources in Sardinia. <i>Applied Mathematical Sciences</i> , 0, 8, 6469-6480.	0.1	0