

# Guido Belforte

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

184  
citations

1307594

7  
h-index

1281871

11  
g-index

15  
all docs

15  
docs citations

15  
times ranked

206  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison between grooved and plane aerostatic thrust bearings: static performance. <i>Meccanica</i> , 2011, 46, 547-555.	2.0	49
2	Bellows textile muscle. <i>Journal of the Textile Institute</i> , 2014, 105, 356-364.	1.9	33
3	A combined robotic and cognitive training for locomotor rehabilitation: evidences of cerebral functional reorganization in two chronic traumatic brain injured patients. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 146.	2.0	28
4	Optimization of the Cross Section of an Elastomeric Seal for Pneumatic Cylinders. <i>Journal of Tribology</i> , 2006, 128, 406-413.	1.9	25
5	Presentation of textile pneumatic muscle prototypes applied in an upper limb active suit experimental model. <i>Journal of the Textile Institute</i> , 2018, 109, 757-766.	1.9	13
6	Life tests on elastomeric lip seals for pneumatic cylinders. <i>Tribotest Journal: Tribology and Lubrication in Practice</i> , 1997, 3, 251-266.	0.7	8
7	P.I.G.R.O.: An Active Exoskeleton for Robotic Neurorehabilitation Training Driven by an Electro-Pneumatic Control. <i>Mechanisms and Machine Science</i> , 2018, , 845-853.	0.5	8
8	Design of an activeâ€“passive device for human ankle movement during functional magnetic resonance imaging analysis. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2012, 226, 21-32.	1.8	7
9	Bra.Di.P.O. and P.I.G.R.O.: Innovative Devices for Motor Learning Programs. <i>Journal of Robotics</i> , 2014, 2014, 1-12.	0.9	5
10	Friction Analysis of Pneumatic Semi-Rotary Actuators. <i>Tribology Transactions</i> , 1997, 40, 57-62.	2.0	4
11	DESIGN ANALYSIS AND DYNAMIC BEHAVIOUR OF A PNEUMATIC SUSPENSION. <i>Proceedings of the JFPS International Symposium on Fluid Power</i> , 1996, 1996, 133-138.	0.1	3
12	An Active Exoskeleton Called P.I.G.R.O. Designed for Unloaded Robotic Neurorehabilitation Training. , , ,		0
13	NEW TRENDS AND RESEARCHES IN PNEUMATICS AT POLITECNICO DI TORINO. <i>Proceedings of the JFPS International Symposium on Fluid Power</i> , 1996, 1996, 13-21.	0.1	0
14	DETERMINATION OF CONTACT PRESSURE AT PNEUMATIC SEAL/ROD INTERFACE FROM RADIAL FORCE MEASUREMENT. <i>WIT Transactions on Engineering Sciences</i> , 2017, , ,	0.0	0