

Doruk Senkal

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

368
citations

1307594

7
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

269
citing authors

#	ARTICLE	IF	CITATIONS
1	Serpentine flux path for high torque MRF brakes in haptics applications. <i>Mechatronics</i> , 2010, 20, 377-383.	3.3	77
2	Achieving Sub-Hz Frequency Symmetry in Micro-Glassblown Wineglass Resonators. <i>Journal of Microelectromechanical Systems</i> , 2014, 23, 30-38.	2.5	72
3	Spherical Brake with MR Fluid as Multi Degree of Freedom Actuator for Haptics. <i>Journal of Intelligent Material Systems and Structures</i> , 2009, 20, 2149-2160.	2.5	56
4	Haptic joystick with hybrid actuator using air muscles and spherical MR-brake. <i>Mechatronics</i> , 2011, 21, 951-960.	3.3	45
5	Magnetic induction control with embedded sensor for elimination of hysteresis in magnetorheological brakes. <i>Journal of Intelligent Material Systems and Structures</i> , 2012, 23, 427-440.	2.5	41
6	Compact MR-brake with serpentine flux path for haptics applications. , 2009, , .		30
7	Study of High Aspect Ratio NLD Plasma Etching and Postprocessing of Fused Silica and Borosilicate Glass. <i>Journal of Microelectromechanical Systems</i> , 2015, 24, 790-800.	2.5	16
8	Passive Haptic Interface with MR-Brakes for Dental Implant Surgery. <i>Presence: Teleoperators and Virtual Environments</i> , 2011, 20, 207-222.	0.6	15
9	Deep NLD plasma etching of Fused Silica and Borosilicate Glass. , 2013, , .		12
10	Improvement of side-wall roughness in deep glass etched MEMS vibratory sensors. , 2014, , .		2