

# J Serrado Nunes

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

633  
citations

1477746

6  
h-index

1588620

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

985  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the $\beta$ -phase content and degree of crystallinity on the piezo- and ferroelectric properties of poly(vinylidene fluoride). <i>Smart Materials and Structures</i> , 2010, 19, 065010.	1.8	352
2	Local variation of the dielectric properties of poly(vinylidene fluoride) during the $\beta$ - to $\alpha$ -phase transformation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009, 373, 177-180.	0.9	95
3	Effect of the ceramic grain size and concentration on the dynamical mechanical and dielectric behavior of poly(vinylidene fluoride)/Pb(Zr <sub>0.53</sub> Ti <sub>0.47</sub> )O <sub>3</sub> composites. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 96, 899-908.	1.1	73
4	Relationship between the microstructure and the microscopic piezoelectric response of the $\beta$ - and $\alpha$ -phases of poly(vinylidene fluoride). <i>Applied Physics A: Materials Science and Processing</i> , 2009, 95, 875-880.	1.1	49
5	Lab-on-a-Chip With $\beta$ -Poly(Vinylidene Fluoride) Based Acoustic Microagitation. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 1184-1190.	2.5	25
6	Hydrogel-based photonic sensor for a biopotential wearable recording system. <i>Biosensors and Bioelectronics</i> , 2010, 26, 80-86.	5.3	25
7	Functionally graded electroactive Poly(vinylidene fluoride) polymers. <i>International Journal of Materials and Product Technology</i> , 2010, 39, 178.	0.1	5
8	Piezoelectric $\beta$ -PVDF polymer films as fluid acoustic microagitator. , 2008, , .		3
9	Wearable brain cap with contactless electroencephalogram measurement for brain-computer interface applications. , 2009, , .		2