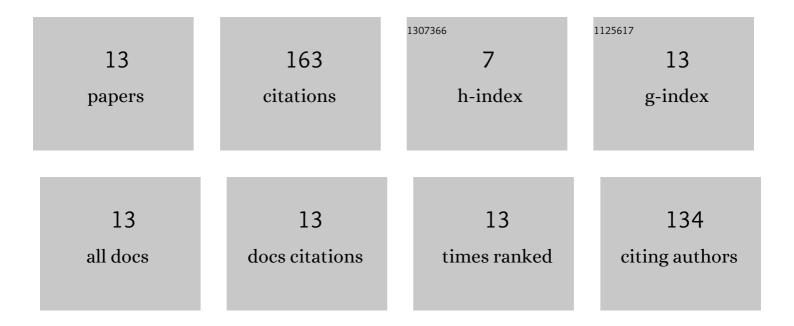
## **Camilo Cruz**

List of Publications by Year in descending order

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CAMILO CDUZ

#	Article	IF	CITATIONS
1	Fiber Orientation Predictions—A Review of Existing Models. Journal of Composites Science, 2020, 4, 69.	1.4	37
2	Review on the Brownian Dynamics Simulation of Bead-Rod-Spring Models Encountered in Computational Rheology. Archives of Computational Methods in Engineering, 2012, 19, 227-259.	6.0	32
3	Effects of a bent structure on the linear viscoelastic response of diluted carbon nanotube suspensions. Rheologica Acta, 2010, 49, 1141-1155.	1.1	20
4	Mechanical and microstructural characterization of flowing weld lines in injection-molded short fiber-reinforced PBT. Polymer Testing, 2019, 74, 152-162.	2.3	18
5	Micromechanical modelling of the viscoelastic behaviour of an amorphous poly(ethylene)terephthalate (PET) reinforced by spherical glass beads. Composites Part A: Applied Science and Manufacturing, 2009, 40, 695-701.	3.8	14
6	Macroscopic fiber orientation model evaluation for concentrated short fiber reinforced polymers in comparison to experimental data. Polymer Composites, 2020, 41, 2542-2556.	2.3	13
7	A Flow-Dependent Fiber Orientation Model. Journal of Composites Science, 2020, 4, 96.	1.4	10
8	Frontal weld lines in injectionâ€molded short fiberâ€reinforced PBT: Extensive microstructure characterization for mechanical performance evaluation. Polymer Composites, 2019, 40, 4547-4558.	2.3	9
9	Efficient parameter identification for macroscopic fiber orientation models with experimental data and a mechanistic fiber simulation. AIP Conference Proceedings, 2020, , .	0.3	3
10	Modeling elastic behaviour in functionalized carbon nanotube suspensions. International Journal of Material Forming, 2008, 1, 631-634.	0.9	2
11	Shearâ€strain step response in linear regime of dilute suspensions of naturally bent carbon nanotubes. Journal of Applied Polymer Science, 2012, 125, 4347-4357.	1.3	2
12	Mechanical characterization of frontal and flowing weld lines in injection-molded short fiber-reinforced thermoplastics. AIP Conference Proceedings, 2019, , .	0.3	2
13	Data enriched lubrication force modeling for a mechanistic fiber simulation of short fiber-reinforced thermoplastics. Physics of Fluids, 2021, 33, 053107.	1.6	1