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## The Halpin-Tsai equations: A review

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2257	Strength of discontinuous reinforced composites: I. Fiber reinforced composites. <i>Polymer Engineering and Science</i> , <b>1978</b> , 18, 496-504	2.3	79
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2064	Tensile properties, morphology, and thermal behavior of PVC composites containing pine flour and bamboo flour. <b>2004</b> , 93, 1804-1811	51

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2034	Crystallization, mechanical, and fracture behaviors of spherical alumina-filled polypropylene nanocomposites. <b>2005</b> , 43, 3652-3664	50
2033	Electrical and mechanical properties of melamine-formaldehyde based laminates with shungite filler. <b>2005</b> , 26, 552-562	6
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1249	UV-Assisted 3D Printing of Glass and Carbon Fiber-Reinforced Dual-Cure Polymer Composites. <b>2016</b> , 9,	92
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1087	Aluminium trihydroxide: Novel reinforcing filler in Polychloroprene rubber. <b>2017</b> , 132, 143-156	12
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1072	On the stress concentration around a polygonal cut-out of complex geometry in an infinite orthotropic plate. <b>2017</b> , 179, 415-436	14
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1066	Homogeneous crystal nucleation in polymers. <b>2017</b> , 29, 453002	65
1065	Axial postbuckling analysis of multilayer functionally graded composite nanoplates reinforced with GPLs based on nonlocal strain gradient theory. <b>2017</b> , 132, 1	52
1064	Stiffness variability analysis of maize fiber bundles via multiscale simulation. <b>2017</b> , 52, 7917-7928	7
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1045	Free and forced vibrations of functionally graded polymer composite plates reinforced with graphene nanoplatelets. <b>2017</b> , 159, 579-588	381
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1013	Microstructure and mechanical properties of an in-situ TiB <sub>2</sub> /Al-Zn-Mg-Cu-Zr composite fabricated by Melt-SHS process. <b>2018</b> , 720, 60-68	42
1012	Synthesis of different types of carbon nanohybrid and their effects in polymer composites. <b>2018</b> , 44, 1905-1918	1
1011	Effects of low contents of A2M3O12 submicronic thermotropic-like fillers on thermal expansion and mechanical properties of HDPE-based composites. <b>2018</b> , 39, E1821-E1833	7
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1005	Structure, nanomechanics, and dynamics of dispersed surfactant-free clay nanocomposite films. <i>Polymer Engineering and Science</i> , <b>2018</b> , 58, 1285-1295	2.3 1
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882	A review of micromechanics based models for effective elastic properties of reinforced polymer matrix composites. <b>2018</b> , 204, 607-619	48
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878	Free vibrations of functionally graded polymer composite nanoplates reinforced with graphene nanoplatelets. <b>2018</b> , 81, 108-117	125
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78	Semi-Analytical Solution for Thermo-Piezoelectric Bending of FG Porous Plates Reinforced with Graphene Platelets. <b>2022</b> , 10, 4104	2
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25	Nonlinear vibrations of multiscale composite beams on a nonlinear softening foundation. <b>2023</b> , 100, 104993	0
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22	Theoretical and experimental investigation of solubility and Young's modulus models for polyhydroxybutyrate-based electrospun scaffolds. <b>2023</b> , 140,	0
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