King Jye Wong

List of Publications by Year
in descending order

52 papers	802 citations	623734 14 h-index	526287 27 g-index
53 all docs	53 docs citations	53 times ranked	757 citing authors

#	Article	IF	Citations
1	Fracture characterisation of short bamboo fibre reinforced polyester composites. Materials & Design, 2010, 31, 4147-4154.	5.1	159
2	Three-body abrasion on wear and frictional performance of treated betelnut fibre reinforced epoxy (T-BFRE) composite. Materials & Design, 2010, 31, 4514-4521.	5.1	80
3	Influence of ball burnishing on surface quality and tribological characteristics of polymers under dry sliding conditions. Tribology International, 2011, 44, 144-153.	5.9	53
4	The effects of alkali treatment on the interfacial adhesion of bamboo fibres. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2010, 224, 139-148.	1.1	42
5	Effects of fillers on the fracture behaviour of particulate polyester composites. Journal of Strain Analysis for Engineering Design, 2010, 45, 67-78.	1.8	32
6	Effect of Stacking Sequence on Mechanical Properties and Moisture Absorption Characteristic of Hybrid PALF/Glass Fiber Composites. Fibers and Polymers, 2020, 21, 1583-1593.	2.1	30
7	Mode I delamination behaviour of carbon/epoxy composite at different displacement rates. Composites Part B: Engineering, 2019, 176, 107293.	12.0	29
8	Effects of moisture absorption on the different modes of carbon/epoxy composites delamination. Polymer Degradation and Stability, 2019, 165, 117-125.	5.8	27
9	Modelling Transitions in Regimes of Lubrication for Rough Surface Contact. Lubricants, 2019, 7, 77.	2.9	25
10	Numerical simulation methodology for mode II delamination of quasi-isotropic quasi-homogeneous composite laminates. Journal of Composite Materials, 2017, 51, 3955-3968.	2.4	24
11	The Effect of Treatment on Tribo-Performance of CFRP Composites. Recent Patents on Materials Science, 2009, 2, 67-74.	0.5	21
12	Moisture Absorption Effects on Mode II Delamination of Carbon/Epoxy Composites. Polymers, 2020, 12, 2162.	4.5	21
13	Thickness-dependent non-Fickian moisture absorption in epoxy molding compounds. Microelectronics Reliability, 2016, 65, 160-166.	1.7	18
14	A further generalized thickness-dependent non-Fickian moisture absorption model using plain woven epoxy composites. Polymer Testing, 2018, 69, 522-527.	4.8	13
15	Interlaminar fracture toughness of a plain weave flax/epoxy composite. Plastics, Rubber and Composites, 2019, 48, 74-81.	2.0	13
16	Moisture absorption effects on the mechanical properties of carbon/epoxy composites. International Journal of Structural Integrity, 2020, 11, 605-614.	3.3	13
17	Fracture behaviour of glass fibre-reinforced polyester composite. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2009, 223, 83-89.	1.1	12
18	Thermal Delamination Modelling and Evaluation of Aluminiumâ€“Glass Fibre-Reinforced Polymer Hybrid. Polymers, 2021, 13, 492.	4.5	11

#	Article	IF	Citations
19	An Investigation on Tensile, Compression and Flexural Properties of Natural Fibre Reinforced Polyester Composites. , 2007, , 619.		9
20	Thermo-mechanical characterisation and modelling of GFRP laminated aluminium. Composites Part B: Engineering, 2019, 173, 106971.	12.0	9
21	An Experimental Study on the Scratch Characteristics of Bamboo Fibre-Reinforced Epoxy Composite. Advanced Composites Letters, 2010, 19, 096369351001900.	1.3	8
22	Characterisation of Moisture Absorption Effects on the Strength of Composite Materials. Advanced Materials Research, 0, 1125, 69-73.	0.3	8
23	Tensile behaviour of anti-symmetric CFRP composite. Procedia Engineering, 2011, 10, 1865-1870.	1.2	7
24	Tribological effects of polymer surface modification through plastic deformation. Bulletin of Materials Science, 2011, 34, 1549-1555.	1.7	6
25	Effect of strain-rate and moisture content on the mechanical properties of adhesively bonded joints. Journal of Mechanical Science and Technology, 2020, 34, 1837-1845.	1.5	6
26	Displacement Rate Effects on the Mode II Shear Delamination Behavior of Carbon Fiber/Epoxy Composites. Polymers, 2021, 13, 1881.	4.5	6
27	Moisture Absorption Effects on the Resistance to Interlaminar Fracture of Woven Glass/Epoxy Composite Laminates. Advanced Structured Materials, 2012, , 107-127.	0.5	5
28	Moisture Effects on Patch Bonded Composite Repairs. Key Engineering Materials, 2016, 709, 3-6.	0.4	5
29	Interfacial shear strength characterisation of alkali treated bamboo bundle â€“ polyester composites using an improved technique. Plastics, Rubber and Composites, 2017, 46, 450-457.	2.0	5
30	Mixed-Mode Delamination Failures of Quasi-Isotropic Quasi- Homogeneous Carbon/Epoxy Laminated Composite. , 0, , .		5
31	A review on the interfacial characteristics of natural fibre reinforced polymer composites. , 2020, , 163-198.		5
32	Experimental and numerical analyses of temperature effect on glare panels under quasi-static perforation. Composite Structures, 2021, 275, 114434.	5.8	5
33	An Extended Thickness-Dependent Moisture Absorption Model for Unidirectional Carbon/Epoxy Composites. Polymers, 2021, 13, 440.	4.5	5
34	Displacement rate effects on mixed-mode I/II delamination of laminated carbon/epoxy composites. Polymer Testing, 2022, 108, 107512.	4.8	5
35	R-Curve Modelling of Mode I Delamination in Multidirectional Carbon/Epoxy Composite Laminates. Applied Mechanics and Materials, 0, 606, 159-163.	0.2	3
36	Impact resistance of short bamboo fibre reinforced polyester concretes. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2017, 231, 683-692.	1.1	3

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37	Mode I and mode II delamination of a chopped strand mat E-glass reinforced vinyl ester composite. Plastics, Rubber and Composites, 2018, 47, 391-397.	2.0	3
38	Mode I and Mode II Delamination of Flax/Epoxy Composite Laminate. MATEC Web of Conferences, 2018, 202, 01002.	0.2	2
39	Aligned discontinuous carbon fibre tows in hybrid composites and their tensile behaviour: An experimental study. Journal of Composite Materials, 2019, 53, 3893-3907.	2.4	2
40	Experimental Study of Temperature Effect on the Mechanical Properties of GFRP and FML Interface. Advanced Structured Materials, 2020, , 47-58.	0.5	2
41	Characteristics of Adhesive Joints under Rate-Dependent Tensile Loading. Applied Mechanics and Materials, 2014, 660, 618-622.	0.2	1
42	Non-Fickian moisture uptake characterisation of epoxy-based moulding compounds with thickness effect. , 2014, , .		1
43	Numerical Simulations of Mixed-Mode II+III Delamination in Carbon/Epoxy Composite Laminate. Communications in Computer and Information Science, 2017, , 560-568.	0.5	1
44	Cohesive zone modelling of Mode III delamination using the edge crack torsion test. Journal of Mechanical Engineering and Sciences, 2017, 14, 2526-2538.	0.6	1
45	Crack Length Dependence of Mode III Delamination Using Edge Crack Torsion Test. International Journal of Mechanical Engineering and Robotics Research, 2017, , 219-225.	1.0	1
46	Non-Fickian Absorption Characteristics of Adhesive Joints: Capillary Effects and Residual Properties. International Journal of Integrated Engineering, 2018, 10, .	0.4	1
47	Displacement rate dependence of acrylic adhesive bonded carbon/epoxy composite joints under mode I loading. Plastics, Rubber and Composites, 2020, 49, 321-328.	2.0	1
48	Rate-dependent degradation of moisture- absorbed adhesive joints. , 2017, , .		0
49	Study of multi-cell thin-walled tube with various configuration under lateral loading. IOP Conference Series: Materials Science and Engineering, 2020, 884, 012086.	0.6	0
50	Experimental and numerical investigation of humid ageing effects on CFRP laminates crashworthiness behaviours. International Journal of Crashworthiness, 2021, 26, 87-98.	1.9	0
51	Characterisation of Mixed-Mode I-II-III Delamination in Composite Laminates. Engineering Materials, 2021, , 47-70.	0.6	0
52	Experimental Study on the Mechanical Properties of Glass Fiber Reinforced Epoxy at Elevated Temperature. International Journal of Automotive and Mechanical Engineering, 2019, 16, 7108-7120.	0.9	0