

# King Jye Wong

## List of Publications by Year in descending order

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52  
papers

802  
citations

623734

14  
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526287

27  
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53  
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53  
docs citations

53  
times ranked

757  
citing authors

#	ARTICLE	IF	CITATIONS
1	Displacement rate effects on mixed-mode I/II delamination of laminated carbon/epoxy composites. <i>Polymer Testing</i> , 2022, 108, 107512.	4.8	5
2	Experimental and numerical investigation of humid ageing effects on CFRP laminates crashworthiness behaviours. <i>International Journal of Crashworthiness</i> , 2021, 26, 87-98.	1.9	0
3	Characterisation of Mixed-Mode II-III Delamination in Composite Laminates. <i>Engineering Materials</i> , 2021, , 47-70.	0.6	0
4	Thermal Delamination Modelling and Evaluation of Aluminium-Glass Fibre-Reinforced Polymer Hybrid. <i>Polymers</i> , 2021, 13, 492.	4.5	11
5	Displacement Rate Effects on the Mode II Shear Delamination Behavior of Carbon Fiber/Epoxy Composites. <i>Polymers</i> , 2021, 13, 1881.	4.5	6
6	Experimental and numerical analyses of temperature effect on glare panels under quasi-static perforation. <i>Composite Structures</i> , 2021, 275, 114434.	5.8	5
7	An Extended Thickness-Dependent Moisture Absorption Model for Unidirectional Carbon/Epoxy Composites. <i>Polymers</i> , 2021, 13, 440.	4.5	5
8	Experimental Study of Temperature Effect on the Mechanical Properties of GFRP and FML Interface. <i>Advanced Structured Materials</i> , 2020, , 47-58.	0.5	2
9	Moisture Absorption Effects on Mode II Delamination of Carbon/Epoxy Composites. <i>Polymers</i> , 2020, 12, 2162.	4.5	21
10	Moisture absorption effects on the mechanical properties of carbon/epoxy composites. <i>International Journal of Structural Integrity</i> , 2020, 11, 605-614.	3.3	13
11	Effect of Stacking Sequence on Mechanical Properties and Moisture Absorption Characteristic of Hybrid PALF/Glass Fiber Composites. <i>Fibers and Polymers</i> , 2020, 21, 1583-1593.	2.1	30
12	Study of multi-cell thin-walled tube with various configuration under lateral loading. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 884, 012086.	0.6	0
13	Effect of strain-rate and moisture content on the mechanical properties of adhesively bonded joints. <i>Journal of Mechanical Science and Technology</i> , 2020, 34, 1837-1845.	1.5	6
14	A review on the interfacial characteristics of natural fibre reinforced polymer composites. , 2020, , 163-198.		5
15	Displacement rate dependence of acrylic adhesive bonded carbon/epoxy composite joints under mode I loading. <i>Plastics, Rubber and Composites</i> , 2020, 49, 321-328.	2.0	1
16	Modelling Transitions in Regimes of Lubrication for Rough Surface Contact. <i>Lubricants</i> , 2019, 7, 77.	2.9	25
17	Mode I delamination behaviour of carbon/epoxy composite at different displacement rates. <i>Composites Part B: Engineering</i> , 2019, 176, 107293.	12.0	29
18	Thermo-mechanical characterisation and modelling of GFRP laminated aluminium. <i>Composites Part B: Engineering</i> , 2019, 173, 106971.	12.0	9

#	ARTICLE	IF	CITATIONS
19	Effects of moisture absorption on the different modes of carbon/epoxy composites delamination. <i>Polymer Degradation and Stability</i> , 2019, 165, 117-125.	5.8	27
20	Aligned discontinuous carbon fibre tows in hybrid composites and their tensile behaviour: An experimental study. <i>Journal of Composite Materials</i> , 2019, 53, 3893-3907.	2.4	2
21	Interlaminar fracture toughness of a plain weave flax/epoxy composite. <i>Plastics, Rubber and Composites</i> , 2019, 48, 74-81.	2.0	13
22	Experimental Study on the Mechanical Properties of Glass Fiber Reinforced Epoxy at Elevated Temperature. <i>International Journal of Automotive and Mechanical Engineering</i> , 2019, 16, 7108-7120.	0.9	0
23	Mode I and Mode II Delamination of Flax/Epoxy Composite Laminate. <i>MATEC Web of Conferences</i> , 2018, 202, 01002.	0.2	2
24	Mode I and mode II delamination of a chopped strand mat E-glass reinforced vinyl ester composite. <i>Plastics, Rubber and Composites</i> , 2018, 47, 391-397.	2.0	3
25	A further generalized thickness-dependent non-Fickian moisture absorption model using plain woven epoxy composites. <i>Polymer Testing</i> , 2018, 69, 522-527.	4.8	13
26	Non-Fickian Absorption Characteristics of Adhesive Joints: Capillary Effects and Residual Properties. <i>International Journal of Integrated Engineering</i> , 2018, 10, .	0.4	1
27	Impact resistance of short bamboo fibre reinforced polyester concretes. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2017, 231, 683-692.	1.1	3
28	Interfacial shear strength characterisation of alkali treated bamboo bundle “ polyester composites using an improved technique. <i>Plastics, Rubber and Composites</i> , 2017, 46, 450-457.	2.0	5
29	Numerical Simulations of Mixed-Mode II+III Delamination in Carbon/Epoxy Composite Laminate. <i>Communications in Computer and Information Science</i> , 2017, , 560-568.	0.5	1
30	Numerical simulation methodology for mode II delamination of quasi-isotropic quasi-homogeneous composite laminates. <i>Journal of Composite Materials</i> , 2017, 51, 3955-3968.	2.4	24
31	Rate-dependent degradation of moisture- absorbed adhesive joints. , 2017, , .		0
32	Cohesive zone modelling of Mode III delamination using the edge crack torsion test. <i>Journal of Mechanical Engineering and Sciences</i> , 2017, 14, 2526-2538.	0.6	1
33	Crack Length Dependence of Mode III Delamination Using Edge Crack Torsion Test. <i>International Journal of Mechanical Engineering and Robotics Research</i> , 2017, , 219-225.	1.0	1
34	Moisture Effects on Patch Bonded Composite Repairs. <i>Key Engineering Materials</i> , 2016, 709, 3-6.	0.4	5
35	Thickness-dependent non-Fickian moisture absorption in epoxy molding compounds. <i>Microelectronics Reliability</i> , 2016, 65, 160-166.	1.7	18
36	Characteristics of Adhesive Joints under Rate-Dependent Tensile Loading. <i>Applied Mechanics and Materials</i> , 2014, 660, 618-622.	0.2	1

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37	Non-Fickian moisture uptake characterisation of epoxy-based moulding compounds with thickness effect. , 2014, , .		1
38	Moisture Absorption Effects on the Resistance to Interlaminar Fracture of Woven Glass/Epoxy Composite Laminates. Advanced Structured Materials, 2012, , 107-127.	0.5	5
39	Tribological effects of polymer surface modification through plastic deformation. Bulletin of Materials Science, 2011, 34, 1549-1555.	1.7	6
40	Tensile behaviour of anti-symmetric CFRP composite. Procedia Engineering, 2011, 10, 1865-1870.	1.2	7
41	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
42	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
43	Fracture characterisation of short bamboo fibre reinforced polyester composites. Materials & Design, 2010, 31, 4147-4154.	5.1	159
44	An Experimental Study on the Scratch Characteristics of Bamboo Fibre-Reinforced Epoxy Composite. Advanced Composites Letters, 2010, 19, 096369351001900.	1.3	8
45	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
46	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
47	The Effect of Treatment on Tribo-Performance of CFRP Composites. Recent Patents on Materials Science, 2009, 2, 67-74.	0.5	21
48	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
49	An Investigation on Tensile, Compression and Flexural Properties of Natural Fibre Reinforced Polyester Composites. , 2007, , 619.		9
50	R-Curve Modelling of Mode I Delamination in Multidirectional Carbon/Epoxy Composite Laminates. Applied Mechanics and Materials, 0, 606, 159-163.	0.2	3
51	Characterisation of Moisture Absorption Effects on the Strength of Composite Materials. Advanced Materials Research, 0, 1125, 69-73.	0.3	8
52	Mixed-Mode Delamination Failures of Quasi-Isotropic Quasi- Homogeneous Carbon/Epoxy Laminated Composite. , 0, , .		5