

Kadir Bilisik

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

89 papers	1,295 citations	19 h-index	31 g-index
101 ext. papers	1,493 ext. citations	2.2 avg, IF	5.74 L-index

#	Paper	IF	Citations
89	In-Plane Shear and Interlaminar Fracture Toughness Properties of MWCNT stitch Para-aramid/Phenolic Nanocomposites. <i>Procedia Structural Integrity</i> , 2022 , 35, 210-218	1	
88	Polymer nanocomposites based on graphite nanoplatelets (GNPs): a review on thermal-electrical conductivity, mechanical and barrier properties. <i>Journal of Materials Science</i> , 2022 , 57, 7425-7480	4.3	0
87	Protective textiles in defence and ballistic protective clothing 2022 , 689-749		1
86	Multiaxis three-dimensional (3D) glass fiber preform/cementitious matrix concrete composites: Experimental characterizations by panel test. <i>Cement and Concrete Composites</i> , 2021 , 119, 104020	8.6	4
85	Multiaxis three dimensional (3D) carbon and basalt preforms/cementitious matrix concretes: Experimental study on fiber orientation and placement by panel test. <i>Construction and Building Materials</i> , 2021 , 271, 121863	6.7	4
84	Bioprocessing of natural textile fibres and clothes 2021 , 221-262		
83	Carbon nanotubes in carbon/epoxy multiscale textile preform composites: A review. <i>Polymer Composites</i> , 2021 , 42, 1670-1697	3	7
82	A Review on the Production Methods and Applications of Graphene-Based Materials. <i>Nanomaterials</i> , 2021 , 11,	5.4	8
81	Aramid fiber reinforced composites 2021 , 515-559		
80	Plant-Based Natural Fibre Reinforced Composites: A Review on Fabrication, Properties and Applications. <i>Coatings</i> , 2020 , 10, 973	2.9	30
79	Mode-II fracture of nanostitched para-aramid/phenolic nanoprepreg composites by end-notched flexure. <i>Journal of Composite Materials</i> , 2020 , 54, 3537-3557	2.7	4
78	Short-beam shear of nanoprepreg/nanostitched three-dimensional carbon/epoxy multiwall carbon nanotube composites. <i>Journal of Composite Materials</i> , 2020 , 54, 311-329	2.7	10
77	Mode-II toughness of nanostitched carbon/epoxy multiwall carbon nanotubes prepreg composites: Experimental investigation by using end notched flexure. <i>Journal of Composite Materials</i> , 2019 , 53, 4249-4271	2.7	10
76	Three-dimensional nanoprepreg and nanostitched aramid/phenolic multiwall carbon nanotubes composites: Experimental determination of in-plane shear. <i>Journal of Composite Materials</i> , 2019 , 53, 4077-4096	2.7	6
75	In-plane shear of nanoprepreg/nanostitched three-dimensional carbon/epoxy multiwalled carbon nanotubes composites. <i>Journal of Composite Materials</i> , 2019 , 53, 3413-3431	2.7	6
74	Flexural characterization of 3D prepreg/stitched carbon/epoxy/multiwalled carbon nanotube preforms and composites. <i>Journal of Composite Materials</i> , 2019 , 53, 563-577	2.7	21
73	Braiding and Recent Developments 2019 , 131-152		1

72	Fracture Toughness (Mode-II) of Nanostitched Composites. <i>Procedia Structural Integrity</i> , 2019 , 21, 146-153		1
71	Interlaminar shear properties of nanostitched/nanoprepreg aramid/phenolic composites by short beam method. <i>Journal of Composite Materials</i> , 2019 , 53, 2941-2957	2.7	1
70	Plain para-aramid/phenolic multiwall carbon nanotubes prepreg/multistitched preform composites: Experimental characterization of mode-I toughness. <i>Journal of Composite Materials</i> , 2019 , 53, 1847-1864	2.7	3
69	Tensile properties of nanoprepreg/nanostitched 3D carbon/epoxy MWCNTs composites. <i>Mechanics of Materials</i> , 2019 , 128, 11-23	3.3	8
68	In-plane response of para-aramid/phenolic nanostitched and nanoprepreg 3D composites under tensile loading. <i>Polymer Composites</i> , 2019 , 40, 1275-1286	3	7
67	Flexural behavior of 3D -aramid/phenolic/nano (MWCNT) composites.. <i>RSC Advances</i> , 2018 , 8, 7213-7224	3.7	13
66	Compression after low-velocity impact (CAI) properties of multistitched composites. <i>Mechanics of Advanced Materials and Structures</i> , 2018 , 25, 623-636	1.8	11
65	Characterization of multi-stitched woven nano composites under compression after low velocity impact (CALVI) load. <i>Polymer Composites</i> , 2018 , 39, 3750-3764	3	4
64	Impact-resistant fabrics (ballistic/stabbing/slashing/spike) 2018 , 377-434		3
63	Fracture Toughness (Mode-I) of Para-Aramid/Phenolic Nano Preform Composites. <i>Applied Composite Materials</i> , 2018 , 25, 877-890	2	6
62	Experimental determination of fracture toughness properties of nanostitched and nanoprepreg carbon/epoxy composites. <i>Engineering Fracture Mechanics</i> , 2018 , 189, 293-306	4.2	14
61	Tensile characterization of 3D nanostitched p-aramid/phenolic MWCNTs composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 406, 012032	0.4	
60	Applications of Glass Fibers in 3D Preform Composites 2018 ,		4
59	Tensile/Shear Behaviour of Multi-stitched/Nano Composites. <i>Journal of Electronic Materials</i> , 2017 , 46, 3987-3994	1.9	6
58	Two-dimensional (2D) fabrics and three-dimensional (3D) preforms for ballistic and stabbing protection: A review. <i>Textile Research Journal</i> , 2017 , 87, 2275-2304	1.7	65
57	Development Of Multistitched Three-Dimensional (3D) Nanocomposite And Evaluation Of Its Mechanical And Impact Properties. <i>Autex Research Journal</i> , 2017 , 17, 238-249	1	1
56	Cartesian 3D braiding 2016 , 107-145		6
55	Fiber Architectures for Composite Applications 2016 , 75-134		15

54	3D Fabrics for Technical Textile Applications 2016 ,		7
53	Warp and weft directional bending properties of multistitched biaxial woven E-glass/polyester nano composites. <i>Journal of Industrial Textiles</i> , 2015 , 45, 66-100	1.6	4
52	Short beam strength properties of multistitched biaxial woven E-glass/polyester nano composites. <i>Journal of Industrial Textiles</i> , 2015 , 45, 199-221	1.6	12
51	In-plane shear properties of multistitched nano composites by bias tensile test. <i>Fibers and Polymers</i> , 2015 , 16, 2636-2644	2	
50	Applications of Braided Structures in Transportation 2015 , 255-295		2
49	Experimental characterization of multistitched two-dimensional (2D) woven E-glass/polyester composites under low-velocity impact load. <i>Journal of Composite Materials</i> , 2014 , 48, 2145-2162	2.7	29
48	Warp and weft directional tensile properties of multistitched biaxial woven E-glass/polyester composites. <i>Journal of the Textile Institute</i> , 2014 , 105, 1014-1028	1.5	13
47	Off-axis tensile properties of multistitched plain woven E-glass/polyester composites. <i>Fibers and Polymers</i> , 2014 , 15, 589-598	2	6
46	Experimental off-axis tensile characterization of multistitched woven nano composites. <i>Fibers and Polymers</i> , 2014 , 15, 614-624	2	14
45	Warp and weft directional tensile properties of multistitched woven fabric E-glass/polyester nano composites. <i>Fibers and Polymers</i> , 2014 , 15, 1051-1061	2	15
44	Stick-slip properties of single and multiple yarn pull-out in dry and softening treated polyester satin woven fabrics in boundary region. <i>International Journal of Clothing Science and Technology</i> , 2014 , 26, 67-95	0.7	1
43	Weft directional stick-slip force of yarn pullout in para-aramid fabric for ballistics. <i>Journal of Thermoplastic Composite Materials</i> , 2014 , 27, 1167-1191	1.9	6
42	Low-velocity impact characterization of multistitched woven E-glass/polyester nano/micro composites. <i>Textile Research Journal</i> , 2014 , 84, 1411-1427	1.7	6
41	Three-dimensional circular various weave patterns in woven preform structures. <i>Textile Research Journal</i> , 2014 , 84, 638-654	1.7	11
40	Effect of Fabric Weave on Stick-Slip Properties of Woven Fabrics. <i>Autex Research Journal</i> , 2014 , 14, 205-217		5
39	Determination of para-aramid single fabric shear by yarn pull-out and analysis by statistical model. <i>Fibers and Polymers</i> , 2013 , 14, 603-615	2	1
38	Properties of stick-slip stage of yarn pull-out in para-aramid woven fabric. <i>Fibers and Polymers</i> , 2013 , 14, 630-638	2	4
37	Analysis and in-plane shear characterization of polyester plain fabric by yarn pull-out method. <i>Fibers and Polymers</i> , 2013 , 14, 473-481	2	1

36	Three-dimensional braiding for composites: A review. <i>Textile Reseach Journal</i> , 2013 , 83, 1414-1436	1.7	146
35	Characterizations of stick-slip stage of yarn pull-out in dry and softening treated polyester plain woven fabric. <i>Fibers and Polymers</i> , 2013 , 14, 1358-1371	2	2
34	Stick-slip behavior of para-aramid (Twaron®) fabric in yarn pull-out. <i>Textile Reseach Journal</i> , 2013 , 83, 13-33	1.7	17
33	Analyses and statistical modeling of crimp extension stage of single and multiple yarn ends pull-out in textured polyester woven fabric. <i>Journal of Industrial Textiles</i> , 2013 , 42, 319-339	1.6	4
32	Three-dimensional fully interlaced woven preforms for composites. <i>Textile Reseach Journal</i> , 2013 , 83, 2060-2084	1.7	33
31	Determination of stick-slip stage of single and multiple yarn ends pull-out in para-aramid (Kevlar®) woven fabric. <i>Journal of Industrial Textiles</i> , 2013 , 43, 90-115	1.6	1
30	Effects of sample dimensions on pull-out properties of woven fabric structures. <i>Fibers and Polymers</i> , 2012 , 13, 1326-1334	2	1
29	Multiaxis three-dimensional weaving for composites: A review. <i>Textile Reseach Journal</i> , 2012 , 82, 725-743	1.7	107
28	Structure-unit cell-based approach on three-dimensional representative braided preforms from four-step braiding: Experimental determination of effects of structure-process parameters on predetermined yarn path. <i>Textile Reseach Journal</i> , 2012 , 82, 220-241	1.7	31
27	In-plane shear properties of polyester satin fabric by yarn pull-out method. <i>Textile Reseach Journal</i> , 2012 , 82, 1263-1281	1.7	4
26	Experimental determination of fabric shear by yarn pull-out method. <i>Textile Reseach Journal</i> , 2012 , 82, 1050-1064	1.7	20
25	Experimental determination of yarn pull-out properties of para-aramid (Kevlar®) woven fabric. <i>Journal of Industrial Textiles</i> , 2012 , 41, 201-221	1.6	25
24	Shear characterization of para-aramid (Twaron®) fabric by yarn pull-out method. <i>Textile Reseach Journal</i> , 2012 , 82, 1442-1456	1.7	15
23	Multiaxis multilayered non-interlaced/non-Z E-glass/polyester preform and analysis of tensile properties of composite structures by statistical model. <i>Textile Reseach Journal</i> , 2012 , 82, 336-351	1.7	11
22	Experimental determination of bending behavior of multilayered and multidirectionally-stitched E-Glass fabric structures for composites. <i>Textile Reseach Journal</i> , 2012 , 82, 1038-1049	1.7	15
21	In-plane shear properties of para-aramid (Kevlar®) fabric by yarn pull-out method. <i>Journal of Industrial Textiles</i> , 2012 , 42, 76-96	1.6	6
20	Properties of yarn pull-out in para-aramid fabric structure and analysis by statistical model. <i>Composites Part A: Applied Science and Manufacturing</i> , 2011 , 42, 1930-1942	8.4	39
19	Multiaxis Three Dimensional (3D) Woven Fabric 2011 ,		12

18	Analysis and tensile characterization of flocked fabric after rubbing. <i>Journal of the Textile Institute</i> , 2011 , 102, 808-822	1.5	4
17	Pull-out properties of polyester woven fabrics: Effects of softening agent and interlacement on single and multiple yarn pull-out forces and analysis by statistical model. <i>Fibers and Polymers</i> , 2011 , 12, 1106-1118	2	8
16	Mechanical characterization of flocked fabric for automobile seat cover. <i>Fibers and Polymers</i> , 2011 , 12, 111-120	2	7
15	Effect of weaving process on tensile characterization of single and multiple ends of air-entangled textured polyester yarns. <i>Fibers and Polymers</i> , 2011 , 12, 376-383	2	6
14	Analysis and tensile characterization of air-entangled textured polyester woven fabrics depending on interlacement and yarn sets. <i>Fibers and Polymers</i> , 2011 , 12, 390-398	2	5
13	Analysis and tensile-tear properties of abraded denim fabrics depending on pattern relations using statistical and artificial neural network models. <i>Fibers and Polymers</i> , 2011 , 12, 422-430	2	2
12	Single and multiple yarn pull-out on E-glass woven fabric structures. <i>Textile Reseach Journal</i> , 2011 , 81, 2043-2055	1.7	9
11	Bending behavior of multilayered and multidirectional stitched aramid woven fabric structures. <i>Textile Reseach Journal</i> , 2011 , 81, 1748-1761	1.7	24
10	Three-dimensional axial braided preforms: experimental determination of effects of structure-process parameters on unit cell. <i>Textile Reseach Journal</i> , 2011 , 81, 2095-2116	1.7	26
9	Multiaxis 3D Woven Preform and Properties of Multiaxis 3D Woven and 3D Orthogonal Woven Carbon/Epoxy Composites. <i>Journal of Reinforced Plastics and Composites</i> , 2010 , 29, 1173-1186	2.9	61
8	Dimensional stability of multiaxis 3D-woven carbon preforms. <i>Journal of the Textile Institute</i> , 2010 , 101, 380-388	1.5	27
7	Multiaxis three-dimensional circular woven preforms [Radial crossing weaving] and [Radial in/out weaving] preliminary investigation of feasibility of weaving and methods. <i>Journal of the Textile Institute</i> , 2010 , 101, 967-987	1.5	10
6	Analysis and off-axis tensile characterization of air-entangled textured polyester woven fabrics depending on unit cell interlacing frequency. <i>Fibers and Polymers</i> , 2010 , 11, 805-811	2	7
5	Multiaxis 3D weaving: Comparison of developed two weaving methods (tube-rapier weaving versus tube-carrier weaving) and effects of bias yarn path to the preform properties. <i>Fibers and Polymers</i> , 2010 , 11, 104-114	2	29
4	Dimensional and mechanical characterization of newly developed denim fabrics based on experimentally determined property-structural pattern relations for upholstery applications. <i>Fibers and Polymers</i> , 2010 , 11, 521-530	2	2
3	Graphene nanoplatelets/epoxy nanocomposites: A review on functionalization, characterization techniques, properties, and applications. <i>Journal of Reinforced Plastics and Composites</i> , 2010 , 29, 1049-1073	2.9	3
2	Developments of Multi-nanostitched 3D Carbon/epoxy Nanocomposites: Tensile/shear and Interlaminar Properties. <i>Applied Composite Materials</i> , 2010 , 13, 1049-1073	2	0
1	Graphene nanocomposites: A review on processes, properties, and applications. <i>Journal of Industrial Textiles</i> , 2010 , 15, 280-372	1.6	5

