Parvez Alam

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1975278/publications.pdf

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47 papers	230 citations	1307594 7 h-index	996975 15 g-index
49 all docs	49 docs citations	49 times ranked	227 citing authors

#	Article	IF	Citations
1	Tidal turbine blade composites - A review on the effects of hygrothermal aging on the properties of CFRP. Composites Part B: Engineering, 2018, 149, 248-259.	12.0	96
2	The significance of pelvic fin flexibility for tree climbing fish. Zoology, 2016, 119, 511-517.	1.2	17
3	Carapace surface architecture facilitates camouflage of the decorator crab Tiarinia cornigera. Acta Biomaterialia, 2016, 41, 52-59.	8.3	15
4	Protein unfolding versusÎ²-sheet separation in spider silk nanocrystals. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2014, 5, 015015.	1.5	13
5	Calculating the permeability of model paper coating structures comprising incongruent particle shapes and sizes. Microporous and Mesoporous Materials, 2009, 117, 685-688.	4.4	11
6	Mixed-Mode Interlaminar Fracture Toughness of Glass and Carbon Fibre Powder Epoxy Compositesâ€"For Design of Wind and Tidal Turbine Blades. Materials, 2021, 14, 2103.	2.9	10
7	The snapping shrimp dactyl plunger: a thermomechanical damage-tolerant sandwich composite. Zoology, 2018, 126, 1-10.	1.2	9
8	The Impact Behaviour of Crab Carapaces in Relation to Morphology. Materials, 2020, 13, 3994.	2.9	8
9	The Tensile Behaviour of Unaged and Hygrothermally Aged Asymmetric Helicoidally Stacked CFRP Composites. Journal of Composites Science, 2022, 6, 137.	3.0	8
10	A mechanical piston action may assist pelvicâ€“pectoral fin antagonism in tree-climbing fish. Journal of the Marine Biological Association of the United Kingdom, 2018, 98, 2121-2131.	0.8	7
11	The water-hopping kinematics of the tree-climbing fish, Periophthalmus variabilis. Zoology, 2020, 139, 125750.	1.2	6
12	The effects of diatom pore-size on the structures and extensibilities of single mucilage molecules. Carbohydrate Research, 2017, 448, 35-42.	2.3	6
13	Structures and Composition of the Crab Carapace: An Archetypal Material in Biomimetic Mechanical Design. Results and Problems in Cell Differentiation, 2018, 65, 569-584.	0.7	6
14	The Mechanical and Material Designs of Composite Ju|â€™hoansi Arrowheads. Journal of Composites Science, 2020, 4, 139.	3.0	4
15	Designing Hierarchical Honeycombs to Mimic the Mechanical Behaviour of Composites. Journal of Composites Science, 2021, 5, 17.	3.0	3
16	The Design of Carbon Fibre Composite Origami Airbrakes for Endeavourâ€™s Darwin I Rocket. Journal of Composites Science, 2021, 5, 147.	3.0	3
17	Glass coating natural fibres by diatomisation: A bright future for biofouling technology. Materials Today Communications, 2016, 7, 81-88.	1.9	2
18	The Morphologies of Mudskipper Pelvic Fins in Relation to Terrestrial and Climbing Behaviour. Proceedings of the Zoological Society, 2022, 75, 83-93.	1.0	2

#	Article	IF	Citations
19	Self-assembly of cellular micro-bio machine parts. Journal of Micro-Bio Robotics, 2020, 16, 111-121.	2.1	1
20	From e-waste to robots: a case study on e-waste upcycling in low-to-middle income countries. , 2021, , .		1
21	â€˜Pâ€™. , 0, , .		0
22	â€˜Tâ€™. , 0, , .		0
23	â€˜Mâ€™. , 0, , .		0
24	â€˜Oâ€™. , 0, , .		0
25	â€˜Eâ€™. , 0, , .		0
26	â€˜Zâ€™. , 0, , .		0
27	â€˜Gâ€™. , 0, , .		0
28	â€˜Jâ€™. , 0, , .		0
29	â€˜Hâ€™. , 0, , .		0
30	â€˜Aâ€™. , 0, , .		0
31	â€˜Qâ€™. , 0, , .		0
32	â€˜Kâ€™. , 0, , .		0
33	â€˜Iâ€™. , 0, , .		0
34	â€˜Nâ€™. , 0, , .		0
35	â€˜Xâ€™. , 0, , .		0
36	â€˜Wâ€™. , 0, , .		0

#	Article	IF	Citations
37	â€˜Dâ€™. , 0, , .		0
38	â€˜Râ€™. , 0, , .		0
39	â€˜Sâ€™. , 0, , .		0
40	â€˜Câ€™. , 0, , .		0
41	â€˜Uâ€™. , 0, , .		0
42	â€˜Yâ€™. , 0, , .		0
43	â€˜Bâ€™. , 0, , .		0
44	â€˜Fâ€™. , 0, , .		0
45	â€˜Vâ€™. , 0, , .		0
46	Cost-reduced engineering of functional biomedical products in Kenya: a case study on electrocautery pens. , 2021, , .		0
47	Morphological and Viscoelastic Properties of the Cicada Tymbal. Macromol, 2022, 2, 315-323.	4.4	0