

# Parvez Alam

## List of Publications by Year in descending order

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

Version: 2024-02-01

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	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
2	The Tensile Behaviour of Unaged and Hygrothermally Aged Asymmetric Helicoidally Stacked CFRP Composites. Journal of Composites Science, 2022, 6, 137.	3.0	8
3	Morphological and Viscoelastic Properties of the Cicada Tymbal. Macromol, 2022, 2, 315-323.	4.4	0
4	Designing Hierarchical Honeycombs to Mimic the Mechanical Behaviour of Composites. Journal of Composites Science, 2021, 5, 17.	3.0	3
5	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
6	The Design of Carbon Fibre Composite Origami Airbrakes for Endeavourâ€™s Darwin I Rocket. Journal of Composites Science, 2021, 5, 147.	3.0	3
7	Cost-reduced engineering of functional biomedical products in Kenya: a case study on electrocautery pens. , 2021, , .		0
8	From e-waste to robots: a case study on e-waste upcycling in low-to-middle income countries. , 2021, , .		1
9	The Impact Behaviour of Crab Carapaces in Relation to Morphology. Materials, 2020, 13, 3994.	2.9	8
10	The Mechanical and Material Designs of Composite Ju   â€™hoansi Arrowheads. Journal of Composites Science, 2020, 4, 139.	3.0	4
11	Self-assembly of cellular micro-bio machine parts. Journal of Micro-Bio Robotics, 2020, 16, 111-121.	2.1	1
12	The water-hopping kinematics of the tree-climbing fish, Periophthalmus variabilis. Zoology, 2020, 139, 125750.	1.2	6
13	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
14	The snapping shrimp dactyl plunger: a thermomechanical damage-tolerant sandwich composite. Zoology, 2018, 126, 1-10.	1.2	9
15	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
16	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
17	The effects of diatom pore-size on the structures and extensibilities of single mucilage molecules. Carbohydrate Research, 2017, 448, 35-42.	2.3	6
18	Glass coating natural fibres by diatomisation: A bright future for biofouling technology. Materials Today Communications, 2016, 7, 81-88.	1.9	2

#	ARTICLE	IF	CITATIONS
19	The significance of pelvic fin flexibility for tree climbing fish. <i>Zoology</i> , 2016, 119, 511-517.	1.2	17
20	Carapace surface architecture facilitates camouflage of the decorator crab <i>Tiarinia cornigera</i> . <i>Acta Biomaterialia</i> , 2016, 41, 52-59.	8.3	15
21	Protein unfolding versus $\alpha$ -sheet separation in spider silk nanocrystals. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2014, 5, 015015.	1.5	13
22	Calculating the permeability of model paper coating structures comprising incongruent particle shapes and sizes. <i>Microporous and Mesoporous Materials</i> , 2009, 117, 685-688.	4.4	11
23	â€Pâ€™. , 0, , .		0
24	â€Tâ€™. , 0, , .		0
25	â€Mâ€™. , 0, , .		0
26	â€Oâ€™. , 0, , .		0
27	â€Eâ€™. , 0, , .		0
28	â€Zâ€™. , 0, , .		0
29	â€Gâ€™. , 0, , .		0
30	â€Jâ€™. , 0, , .		0
31	â€Hâ€™. , 0, , .		0
32	â€Aâ€™. , 0, , .		0
33	â€Qâ€™. , 0, , .		0
34	â€Kâ€™. , 0, , .		0
35	â€lâ€™. , 0, , .		0
36	â€Nâ€™. , 0, , .		0

#	ARTICLE	IF	CITATIONS
37	â€ˆXâ€™. , 0, , .		0
38	â€ˆWâ€™. , 0, , .		0
39	â€ˆDâ€™. , 0, , .		0
40	â€ˆRâ€™. , 0, , .		0
41	â€ˆSâ€™. , 0, , .		0
42	â€ˆCâ€™. , 0, , .		0
43	â€ˆUâ€™. , 0, , .		0
44	â€ˆYâ€™. , 0, , .		0
45	â€ˆBâ€™. , 0, , .		0
46	â€ˆFâ€™. , 0, , .		0
47	â€ˆVâ€™. , 0, , .		0