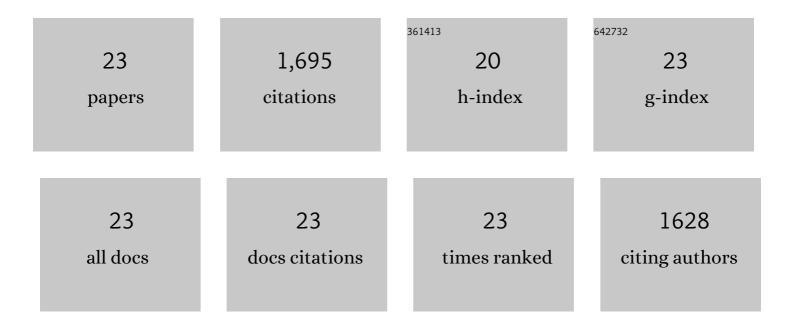
Shahram Janbaz

List of Publications by Year in descending order

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SHAHDAM JANBAZ

#	Article	IF	CITATIONS
1	Curvature Induced by Deflection in Thick Metaâ€Plates. Advanced Materials, 2021, 33, e2008082.	21.0	22
2	4D printing of reconfigurable metamaterials and devices. Communications Materials, 2021, 2, .	6.9	60
3	4D printing of shape memory polylactic acid (PLA). Polymer, 2021, 230, 124080.	3.8	103
4	Kirigami-enabled self-folding origami. Materials Today, 2020, 32, 59-67.	14.2	63
5	Investigation on the Functionality of Thermoresponsive Origami Structures. Advanced Engineering Materials, 2020, 22, 2000296.	3.5	36
6	Strain rate–dependent mechanical metamaterials. Science Advances, 2020, 6, eaba0616.	10.3	75
7	Russian doll deployable meta-implants: Fusion of kirigami, origami, and multi-stability. Materials and Design, 2020, 191, 108624.	7.0	41
8	Ultra-programmable buckling-driven soft cellular mechanisms. Materials Horizons, 2019, 6, 1138-1147.	12.2	77
9	Metallic clay. Additive Manufacturing, 2019, 28, 528-534.	3.0	4
10	Crumpling of thin sheets as a basis for creating mechanical metamaterials. RSC Advances, 2019, 9, 5174-5188.	3.6	19
11	Shape-matching soft mechanical metamaterials. Scientific Reports, 2018, 8, 965.	3.3	95
12	Rationally designed meta-implants: a combination of auxetic and conventional meta-biomaterials. Materials Horizons, 2018, 5, 28-35.	12.2	216
13	Programming the shape-shifting of flat soft matter. Materials Today, 2018, 21, 144-163.	14.2	188
14	Multi-material 3D printed mechanical metamaterials: Rational design of elastic properties through spatial distribution of hard and soft phases. Applied Physics Letters, 2018, 113, .	3.3	89
15	Towards deployable meta-implants. Journal of Materials Chemistry B, 2018, 6, 3449-3455.	5.8	49
16	Length-scale dependency of biomimetic hard-soft composites. Scientific Reports, 2018, 8, 12052.	3.3	28
17	Multimaterial Control of Instability in Soft Mechanical Metamaterials. Physical Review Applied, 2018, 9, .	3.8	35
18	Programming 2D/3D shape-shifting with hobbyist 3D printers. Materials Horizons, 2017, 4, 1064-1069.	12.2	216

SHAHRAM JANBAZ

#	Article	IF	CITATIONS
19	Crumpling-based soft metamaterials: the effects of sheet pore size and porosity. Scientific Reports, 2017, 7, 13028.	3.3	21
20	Origami lattices with free-form surface ornaments. Science Advances, 2017, 3, eaao1595.	10.3	53
21	How does tissue regeneration influence the mechanical behavior of additively manufactured porous biomaterials?. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 65, 831-841.	3.1	64
22	Programming the shape-shifting of flat soft matter: from self-rolling/self-twisting materials to self-folding origami. Materials Horizons, 2016, 3, 536-547.	12.2	129
23	Geometry-based control of instability patterns in cellular soft matter. RSC Advances, 2016, 6, 20431-20436.	3.6	12