

Feray Maden

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

134
citations

1684188

5
h-index

1281871

11
g-index

20
all docs

20
docs citations

20
times ranked

96
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of planar scissor structural mechanisms: geometric principles and design methods. Architectural Science Review, 2011, 54, 246-257.	2.2	74
2	Design of a 2-DOF 8R Linkage for Transformable Hypar Structure. Mechanics Based Design of Structures and Machines, 2012, 40, 19-32.	4.7	13
3	Geometric and analytical design of angulated scissor structures. Mechanism and Machine Theory, 2021, 164, 104402.	4.5	8
4	A Novel Transformable Structural Mechanism for Doubly Ruled Hypar Surfaces. Journal of Mechanical Design, Transactions of the ASME, 2015, 137, .	2.9	7
5	A novel planar scissor structure transforming between concave and convex configurations. International Journal of Computational Methods and Experimental Measurements, 2017, 5, 442-450.	0.2	6
6	A Critical Review on Classification and Terminology of Scissor Structures. Journal of the International Association for Shell and Spatial Structures, 2019, 60, 47-64.	0.3	5
7	Geometric and Kinematic Analysis of Deployable Doubly Ruled Hyperboloids. Megaron, 2017, , .	0.1	3
8	Tessellation in Architecture from Past to Present. IOP Conference Series: Materials Science and Engineering, 2021, 1203, 032062.	0.6	3
9	Geometric Design of Planar Scissor Linkages with Hybrid Loop Assemblies. Journal of Architectural Engineering, 2022, 28, .	1.6	3
10	Adaptive multi-hypar structure. Architectural Science Review, 2017, 60, 428-445.	2.2	2
11	Mimari Tasarım Stadyosunda Strüktürel Form ve Mekân ile Entegrasyonu. Tasarım + Kuram, 2020, 160.2		2
12	3.3 Scissor linkages in the design of adaptive morphologies. , 2019, , 98-101.		1
13	A Case Study on the Selection of Optimum Loop Units for the Deployable Arch Structures Exposed to Lateral and Non-uniform Gravity Loads. Procedia Manufacturing, 2020, 44, 481-488.	1.9	1
14	Weight and Material Optimization of Scissor-hinge Linkages According to Given Span Length. Procedia Manufacturing, 2020, 44, 387-393.	1.9	1
15	Loop based classification of planar scissor linkages. Sadhana - Academy Proceedings in Engineering Sciences, 2022, 47, 1.	1.3	1
16	3.3 Scher engestänge als Elemente adaptiver Morphologien. , 2019, , 98-101.		0
17	A Comparative Study on Responsive Facade Systems. , 2021, , .		0
18	Design of Self-Supporting Rotegrity Structure Using Notched Elements. Journal of Architectural Engineering, 2022, 28, .	1.6	0