

# Yenal AkgÃ¼n

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/285006/publications.pdf>

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9  
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1937685

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137  
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#	ARTICLE	IF	CITATIONS
1	Geometric Design of Planar Scissor Linkages with Hybrid Loop Assemblies. Journal of Architectural Engineering, 2022, 28, .	1.6	3
2	Loop based classification of planar scissor linkages. Sadhana - Academy Proceedings in Engineering Sciences, 2022, 47, 1.	1.3	1
3	Weight and Material Optimization of Scissor-hinge Linkages According to Given Span Length. Procedia Manufacturing, 2020, 44, 387-393.	1.9	1
4	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
5	A proposal for a convertible stadium roof structure derived from Watt-I linkage. Mechanics Based Design of Structures and Machines, 2017, 45, 271-279.	4.7	3
6	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
7	A novel adaptive spatial scissor-hinge structural mechanism for convertible roofs. Engineering Structures, 2011, 33, 1365-1376.	5.3	83
8	A review of planar scissor structural mechanisms: geometric principles and design methods. Architectural Science Review, 2011, 54, 246-257.	2.2	74
9	A novel concept of convertible roofs with high transformability consisting of planar scissor-hinge structures. Engineering Structures, 2010, 32, 2873-2883.	5.3	54