

Nazife Ozdes Koca

List of Publications by Year in descending order

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33
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalan solids derived from three-dimensional-root systems and quaternions. Journal of Mathematical Physics, 2010, 51, 043501.	1.1	19
2	Affine coxeter group $W(A_4)$, quaternions, and decagonal quasicrystals. International Journal of Geometric Methods in Modern Physics, 2014, 11, 1450031.	2.0	9
3	Group-theoretical analysis of aperiodic tilings from projections of higher-dimensional lattices. Acta Crystallographica Section A: Foundations and Advances, 2015, 71, 175-185.	0.1	9
4	4D-POLYTOPES AND THEIR DUAL POLYTOPES OF THE COXETER GROUP $W(A_4)$ REPRESENTED BY QUATERNIONS. International Journal of Geometric Methods in Modern Physics, 2012, 09, 1250035.	2.0	7
5	Explicit construction of the Voronoi and Delaunay cells of $W(A_n)$ and $W(D_n)$ lattices and their facets. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, 499-511.	0.1	7
6	Quaternionic representation of snub 24-cell and its dual polytope derived from $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/ce" \rangle$	0.9	5
7	SNUB 24-CELL DERIVED FROM THE COXETER "WEYL GROUP $W(D_4)$. International Journal of Geometric Methods in Modern Physics, 2012, 09, 1250068.	2.0	4
8	SU(5) grand unified theory, its polytopes and 5-fold symmetric aperiodic tiling. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850056.	2.0	3
9	Prototiles and Tilings from Voronoi and Delone Cells of the Root Lattice A_n . Symmetry, 2019, 11, 1082.	2.2	3
10	Icosahedral Polyhedra from D_6 Lattice and Danzer's ABC Tiling. Symmetry, 2020, 12, 1983.	2.2	1
11	From affine A_4 to affine H_2 : group-theoretical analysis of fivefold symmetric tilings. Acta Crystallographica Section A: Foundations and Advances, 2022, 78, 283-291.	0.1	1
12	Dodecahedral structures with Mosseri's Sadorc tiles. Acta Crystallographica Section A: Foundations and Advances, 2021, 77, 105-116.	0.1	0
13	Coxeter-Weyl Groups and Quasicrystallography. , 2018, , .		0