Nazife Ozdes Koca

List of Publications by Year
in descending order

13 papers	68 citations	1684188 5 h-index	1474206 9 g-index
13 all docs	13 docs citations	13 times ranked	33 citing authors

#	Article	IF	Citations
1	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
2	Dodecahedral structures with Mosseriâ€“Sadoc tiles. Acta Crystallographica Section A: Foundations and Advances, 2021, 77, 105-116.	0.1	0
3	Icosahedral Polyhedra from D6 Lattice and Danzerâ€™s ABCK Tiling. Symmetry, 2020, 12, 1983.	2.2	1
4	Prototiles and Tilings from Voronoi and Delone Cells of the Root Lattice An. Symmetry, 2019, 11, 1082.	2.2	3
5	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
6	Explicit construction of the Voronoi and Delaunay cells ofW(An) andW(Dn) lattices and their facets. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, 499-511.	0.1	7
7	Coxeter-Weyl Groups and Quasicrystallography. , 2018, , .		0
8	Group-theoretical analysis of aperiodic tilings from projections of higher-dimensional latticesBn. Acta Crystallographica Section A: Foundations and Advances, 2015, 71, 175-185.	0.1	9
9	Affine coxeter group Wa(A4), quaternions, and decagonal quasicrystals. International Journal of Geometric Methods in Modern Physics, 2014, 11, 1450031.	2.0	9
10	SNUB 24-CELL DERIVED FROM THE COXETERâ€“WEYL GROUP W(D4). International Journal of Geometric Methods in Modern Physics, 2012, 09, 1250068.	2.0	4
11	4D-POLYTOPES AND THEIR DUAL POLYTOPES OF THE COXETER GROUP W(A4) REPRESENTED BY QUATERNIONS. International Journal of Geometric Methods in Modern Physics, 2012, 09, 1250035.	2.0	7
12	Quaternionic representation of snub 24-cell and its dual polytope derived from <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/co	0.9	5
13	Catalan solids derived from three-dimensional-root systems and quaternions. Journal of Mathematical Physics, 2010, 51, 043501.	1.1	19