

Klee Irwin

List of Publications by Year in descending order

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papers

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1307594

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docs citations

47
times ranked

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#	ARTICLE	IF	CITATIONS
1	Group Theory of Syntactical Freedom in DNA Transcription and Genome Decoding. <i>Current Issues in Molecular Biology</i> , 2022, 44, 1417-1433.	2.4	3
2	Character Varieties and Algebraic Surfaces for the Topology of Quantum Computing. <i>Symmetry</i> , 2022, 14, 915.	2.2	0
3	Finite Groups for the Kummer Surface: The Genetic Code and a Quantum Gravity Analogy. <i>Quantum Reports</i> , 2021, 3, 68-79.	1.3	7
4	Quantum Information in the Protein Codes, 3-Manifolds and the Kummer Surface. <i>Symmetry</i> , 2021, 13, 1146.	2.2	5
5	The Curled Up Dimension in Quasicrystals. <i>Crystals</i> , 2021, 11, 1238.	2.2	0
6	Geometric State Sum Models from Quasicrystals. <i>Foundations</i> , 2021, 1, 155-168.	1.3	1
7	Graph Coverings for Investigating Non Local Structures in Proteins, Music and Poems. <i>Sci</i> , 2021, 3, 39.	3.0	3
8	Space, Matter and Interactions in a Quantum Early Universe. Part II: Superalgebras and Vertex Algebras. <i>Symmetry</i> , 2021, 13, 2289.	2.2	1
9	Space, Matter and Interactions in a Quantum Early Universe Part I: Kac's "Moody and Borcherds Algebras. <i>Symmetry</i> , 2021, 13, 2342.	2.2	1
10	A New Approach to the Hard Problem of Consciousness: a Quasicrystalline Language of "Primitive Units of Consciousness" in Quantized Spacetime. <i>Activitas Nervosa Superior</i> , 2020, 62, 48-68.	0.4	5
11	Complete Quantum Information in the DNA Genetic Code. <i>Symmetry</i> , 2020, 12, 1993.	2.2	7
12	Quantum Computation and Measurements from an Exotic Space-Time R4. <i>Symmetry</i> , 2020, 12, 736.	2.2	7
13	Informationally Complete Characters for Quark and Lepton Mixings. <i>Symmetry</i> , 2020, 12, 1000.	2.2	6
14	Symmetry transformation in Pd quasicrystals upon heating and hydrogenation. <i>Computational Materials Science</i> , 2020, 177, 109582.	3.0	0
15	The Self-Simulation Hypothesis Interpretation of Quantum Mechanics. <i>Entropy</i> , 2020, 22, 247.	2.2	10
16	Quantum Computing, Seifert Surfaces, and Singular Fibers. <i>Quantum Reports</i> , 2019, 1, 12-22.	1.3	7
17	Constructing numbers in quantum gravity: infinities. <i>Journal of Physics: Conference Series</i> , 2019, 1194, 012008.	0.4	2
18	Cabinet of Curiosities: The Interesting Geometry of the Angle $\hat{\theta}^2 = \arccos((3\sqrt{5} - 1)/4)$. <i>Fractal and Fractional</i> , 2019, 3, 48.	3.3	2

#	ARTICLE	IF	CITATIONS
19	Toward the Unification of Physics and Number Theory. Reports in Advances of Physical Sciences, 2019, 03, 1950003.	0.2	4
20	Periodic Modification of the Boerdijk-Coxeter Helix (tetrahelix). Mathematics, 2019, 7, 1001.	2.2	4
21	Group Geometrical Axioms for Magic States of Quantum Computing. Mathematics, 2019, 7, 948.	2.2	7
22	The Unexpected Fractal Signatures in Fibonacci Chains. Fractal and Fractional, 2019, 3, 49.	3.3	1
23	The Code-Theoretic Axiom: The Third Ontology. Reports in Advances of Physical Sciences, 2019, 03, 1950002.	0.2	5
24	Assessment of discrete breathers in the metallic hydrides. Computational Materials Science, 2019, 158, 389-397.	3.0	13
25	Quasicrystal Tilings in Three Dimensions and Their Empires. Crystals, 2018, 8, 370.	2.2	4
26	Non-Local Game of Life in 2D Quasicrystals. Crystals, 2018, 8, 416.	2.2	3
27	Universal Quantum Computing and Three-Manifolds. Symmetry, 2018, 10, 773.	2.2	11
28	Closing Gaps in Geometrically Frustrated Symmetric Clusters: Local Equivalence between Discrete Curvature and Twist Transformations. Mathematics, 2018, 6, 89.	2.2	4
29	Starobinsky inflation and dark energy and dark matter effects from quasicrystal like spacetime structures. Annals of Physics, 2018, 394, 120-138.	2.8	4
30	The search for a Hamiltonian whose energy spectrum coincides with the Riemann zeta zeroes. International Journal of Geometric Methods in Modern Physics, 2017, 14, 1750109.	2.0	4
31	Heterotic supergravity with internal almost-Kähler spaces; instantons for $SO(32)$, or E_8 , or $E_8 \times E_8$, gauge groups; and deformed black holes with soliton, quasiperiodic and/or pattern-forming structures. Classical and Quantum Gravity, 2017, 34, 075012.	4.0	12
32	Anamorphic quasiperiodic universes in modified and Einstein gravity with loop quantum gravity corrections. Classical and Quantum Gravity, 2017, 34, 185002.	4.0	6
33	Off-diagonal deformations of Kerr metrics and black ellipsoids in heterotic supergravity. European Physical Journal C, 2017, 77, 1.	3.9	7
34	Emergence of an Aperiodic Dirichlet Space from the Tetrahedral Units of an Icosahedral Internal Space. Mathematics, 2017, 5, 29.	2.2	3
35	Methods for Calculating Empires in Quasicrystals. Crystals, 2017, 7, 304.	2.2	9
36	Law of Sums of the Squares of Areas, Volumes and Hyper-Volumes of Regular Polytopes from Clifford Algebras. Advances in Applied Clifford Algebras, 2013, 23, 815-824.	1.0	2

#	ARTICLE	IF	CITATIONS
37	Empires: The Nonlocal Properties of Quasicrystals. , 0, , .		0