

# Seong-Hun Paeng

## List of Publications by Year in descending order

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23  
papers

100  
citations

1684188

5  
h-index

1474206

9  
g-index

26  
all docs

26  
docs citations

26  
times ranked

47  
citing authors

#	ARTICLE	IF	CITATIONS
1	Volume and diameter of a graph and Ollivier's Ricci curvature. <i>European Journal of Combinatorics</i> , 2012, 33, 1808-1819.	0.8	19
2	Continuous and discrete SIR-models with spatial distributions. <i>Journal of Mathematical Biology</i> , 2017, 74, 1709-1727.	1.9	13
3	Ollivier's Ricci curvature and the coloring of graphs. <i>European Journal of Combinatorics</i> , 2013, 34, 916-922.	0.8	11
4	Brownian motion on manifolds with time-dependent metrics and stochastic completeness. <i>Journal of Geometry and Physics</i> , 2011, 61, 940-946.	1.4	7
5	On the mean square displacement of a random walk on a graph. <i>European Journal of Combinatorics</i> , 2016, 51, 227-235.	0.8	7
6	Volume expansion rate of the Lorentzian manifold based on integral Ricci curvature over a timelike geodesic. <i>Journal of Geometry and Physics</i> , 2007, 57, 1499-1503.	1.4	5
7	Distance to a focal point and singularity theorems with weak timelike convergence condition. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2009, 146, 475-487.	0.4	5
8	Diameter of an immersed surface with boundary. <i>Differential Geometry and Its Applications</i> , 2014, 33, 127-138.	0.5	4
9	Volume entropy and integral Ricci curvatures over closed geodesics. <i>Proceedings of the American Mathematical Society</i> , 2007, 135, 3677-3685.	0.8	3
10	Attacks to Xu's Tilborg's Conference Key Distribution Scheme. <i>IEEE Communications Letters</i> , 2004, 8, 446-448.	4.1	2
11	Volume comparison between spacelike hypersurfaces in a Lorentzian manifold with integral Ricci curvature bounds. <i>General Relativity and Gravitation</i> , 2011, 43, 2089-2102.	2.0	2
12	Volumes and intrinsic diameters of hypersurfaces. <i>Journal of Geometry and Physics</i> , 2015, 95, 96-107.	1.4	2
13	Isoperimetric inequalities under bounded integral norms of Ricci curvature and mean curvature. <i>Proceedings of the American Mathematical Society</i> , 2017, 146, 1309-1323.	0.8	2
14	Relative volume comparison for asymptotically flat manifolds and rigidity of total mass. <i>Annals of Global Analysis and Geometry</i> , 2019, 56, 567-580.	0.6	2
15	INTEGRAL RICCI CURVATURES, VOLUME COMPARISON AND FUNDAMENTAL GROUPS OF COMPACT RIEMANNIAN MANIFOLDS. <i>Taiwanese Journal of Mathematics</i> , 2007, 11, .	0.4	2
16	Representations of finite fields and the Naini-Seberry partitioning problem. <i>IEEE Communications Letters</i> , 2005, 9, 532-533.	4.1	1
17	Volume entropy based on integral Ricci curvature and volume ratio. <i>Differential Geometry and Its Applications</i> , 2008, 26, 193-200.	0.5	1
18	Gaussian curvature, elasticity of string and geodesic incompleteness in string theory. <i>General Relativity and Gravitation</i> , 2015, 47, 1.	2.0	1

#	ARTICLE	IF	CITATIONS
19	Tits topology and fundamental groups of compact Riemannian manifolds. Manuscripta Mathematica, 2007, 122, 407-417.	0.6	0
20	A note on partition sum polynomials. European Journal of Combinatorics, 2008, 29, 83-87.	0.8	0
21	Stochastic modeling of stock price process induced from the conjugate heat equation. Physica A: Statistical Mechanics and Its Applications, 2015, 419, 385-394.	2.6	0
22	Classification of $\hat{\mathbb{Z}}$ -Ricci flat graphs with girth at least five. Discrete Mathematics, 2018, 341, 2894-2902.	0.7	0
23	Ricci curvature decay and upper bound of total mass. International Journal of Geometric Methods in Modern Physics, 2019, 16, 1950189.	2.0	0