Saikat Chatterjee

List of Publications by Year
in descending order

15 papers	48 citations	1937685 4 h-index	1720034 7 g-index
15 all docs	15 docs citations	15 times ranked	10 citing authors

#	Article	IF	Citations
1	PARALLEL TRANSPORT OVER PATH SPACES. Reviews in Mathematical Physics, 2010, 22, 1033-1059.	1.7	17
2	Path space connections and categorical geometry. Journal of Geometry and Physics, 2014, 75, 129-161.	1.4	12
3	Generalized forms and vector fields. Journal of Physics A, 2006, 39, 15435-15444.	1.6	4
4	GEOMETRIC STRUCTURES ON PATH SPACES. International Journal of Geometric Methods in Modern Physics, 2011, 08, 1553-1569.	2.0	4
5	Twisted-product categorical bundles. Journal of Geometry and Physics, 2015, 98, 128-149.	1.4	4
6	NEGATIVE FORMS AND PATH SPACE FORMS. International Journal of Geometric Methods in Modern Physics, 2008, 05, 573-586.	2.0	3
7	Double Category Related to Path Space Parallel Transport and Representations of Lie 2 Groups. Springer Proceedings in Mathematics and Statistics, 2014, , 379-391.	0.2	2
8	Connections on decorated path space bundles. Journal of Geometry and Physics, 2017, 112, 147-174.	1.4	1
9	Atiyah sequence and gauge transformations of a principal 2-bundle over a Lie groupoid. Journal of Geometry and Physics, 2022, 176, 104509.	1.4	1
10	Flat connections on punctured surfaces and geodesic polygons in a Lie group. Bulletin Des Sciences Mathematiques, 2012, 136, 37-43.	1.0	0
11	A Morphism Double Category and Monoidal Structure. Algebra, 2013, 2013, 1-8.	0.1	0
12	Geometric prequantization on the path space of a prequantized manifold. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1550030.	2.0	0
13	Geodesics on path spaces and double category. International Journal of Geometric Methods in Modern Physics, 2016, 13, 1550128.	2.0	0
14	Cat-valued sheaves. Indian Journal of Pure and Applied Mathematics, 2018, 49, 451-503.	0.5	0
15	Gauge transformations for categorical bundles. Journal of Geometry and Physics, 2018, 133, 219-241.	1.4	0