Peter B Gothen

List of Publications by Year
in descending order

31 papers	529 citations	840776 11 h-index	677142 22 g-index
32 all docs	32 docs citations	32 times ranked	112 citing authors

#	Article	IF	Citations
1	Surface Group Representations and U(p, q)-Higgs Bundles. Journal of Differential Geometry, 2003, 64, 111.	1.1	68
2	Maximal surface group representations in isometry groups of classical Hermitian symmetric spaces. Geometriae Dedicata, 2007, 122, 185-213.	0.3	55
3	Components of spaces of representations and stable triples. Topology, 2001, 40, 823-850.	0.3	53
4	THE BETTI NUMBERS OF THE MODULI SPACE OF STABLE RANK 3 HIGGS BUNDLES ON A RIEMANN SURFACE. International Journal of Mathematics, 1994, 05, 861-875.	0.5	52
5	Moduli spaces of holomorphic triples over compact Riemann surfaces. Mathematische Annalen, 2004, 328, 299-351.	1.4	49
6	HOMOLOGICAL ALGEBRA OF TWISTED QUIVER BUNDLES. Journal of the London Mathematical Society, 2005, 71, 85-99.	1.0	44
7	Higgs bundles and surface group representations in the real symplectic group. Journal of Topology, 2013, 6, 64-118.	0.5	33
8	Betti numbers of the moduli space of rank 3 parabolic Higgs bundles. Memoirs of the American Mathematical Society, 2007, 187, 0-0.	0.9	29
9	Homotopy groups of moduli spaces of representations. Topology, 2008, 47, 203-224.	0.3	27
10	DEFORMATIONS OF MAXIMAL REPRESENTATIONS IN Sp(4, R). Quarterly Journal of Mathematics, 2012, 63, 795-843.	0.8	21
11	The Singular Fiber of the Hitchin Map. International Mathematics Research Notices, 2013, 2013, 1079-1121.	1.0	12
12	Representations of the fundamental group of a surface in and holomorphic triples. Comptes Rendus Mathematique, 2001, 333, 347-352.	0.5	10
13	Rank two quadratic pairs and surface group representations. Geometriae Dedicata, 2012, 161, 335-375.	0.3	10
14	Higgs bundles for the non-compact dual of the special orthogonal group. Geometriae Dedicata, 2015, 175, 1-48.	0.3	9
15	Topological mirror symmetry for parabolic Higgs bundles. Journal of Geometry and Physics, 2019, 137, 7-34.	1.4	9
16	On moduli spaces of Hitchin pairs. Mathematical Proceedings of the Cambridge Philosophical Society, 2011, 151, 441-457.	0.4	8
17	Stratifications on the moduli space of Higgs bundles. Portugaliae Mathematica, 2017, 74, 127-148.	0.4	8
18	$\mathrm{SO}(p,q)$-Higgs bundles and Higher Teichmüller components. Inventiones Mathematicae, 2019, 218, 197-299.	2.5	7

#	Article	IF	Citations
19	TOPOLOGY OF $U(2, 1)$ REPRESENTATION SPACES. Bulletin of the London Mathematical Society, 2002, 34, 729-738.	0.8	5
20	Direct perturbations of aggregate excess demand. Journal of Mathematical Economics, 2010, 46, 562-571.	0.8	4
21	Exotic components of SO(p , q) surface group representations, and their Higgs bundle avatars. Comptes Rendus Mathematique, 2018, 356, 666-673.	0.3	3
22	Unramified covers and branes on the Hitchin system. Advances in Mathematics, 2021, 377, 107493.	1.1	3
23	Representations of surface groups and Higgs bundles. , 0, , 151-178.		2
24	Birationality of moduli spaces of twisted $$\mathrm {U}(p,q)$$ U (p , q) -Higgs bundles. Revista Matematica Complutense, 2017, 30, 91-128.	1.2	2
25	Irreducibility of Moduli of Semi-Stable Chains and Applications to U(p, q)-Higgs Bundles. , 2018, , 455-470.		2
26	Higgs bundles and the real symplectic group. , 2011, , .		1
27	Quiver bundles and wall crossing for chains. Geometriae Dedicata, 2019, 199, 137-146.	0.3	1
28	Homotopy type of moduli spaces of G-Higgs bundles and reducibility of the nilpotent cone. Bulletin Des Sciences Mathematiques, 2019, 150, 84-101.	1.0	1
29	Stratifications on the nilpotent cone of the moduli space of Hitchin pairs. Revista Matematica Complutense, 0, , 1.	1.2	1
30	From Singularity Theory to Finiteness of Walrasian Equilibria. SSRN Electronic Journal, 0, , .	0.4	0
31	From singularity theory to finiteness of Walrasian equilibria. Mathematical Social Sciences, 2013, 66, 169-175.	0.5	0