

Thomas Walpuski

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	G_2 -instantons on generalised Kummer constructions. <i>Geometry and Topology</i> , 2013, 17, 2345-2388.	1.3	29
2	G_2 -instantons over twisted connected sums. <i>Geometry and Topology</i> , 2015, 19, 1263-1285.	1.3	28
3	A compactness theorem for the Seiberg-Witten equation with multiple spinors in dimension three. <i>Geometric and Functional Analysis</i> , 2015, 25, 1799-1821.	1.8	25
4	G_2 -instantons, associative submanifolds and Fueter sections. <i>Communications in Analysis and Geometry</i> , 2017, 25, 847-893.	0.4	15
5	\mathcal{C}_2 -instantons over twisted connected sums: An example. <i>Mathematical Research Letters</i> , 2016, 23, 529-544.	0.5	15
6	Hermitian Yang-Mills metrics on reflexive sheaves over asymptotically cylindrical Kähler manifolds. <i>Communications in Partial Differential Equations</i> , 2018, 43, 1566-1598.	2.2	13
7	Spin(7)-Instantons, Cayley Submanifolds and Fueter Sections. <i>Communications in Mathematical Physics</i> , 2017, 352, 1-36.	2.2	12
8	A compactness theorem for Fueter sections. <i>Commentarii Mathematici Helvetici</i> , 2017, 92, 751-776.	0.7	6
9	Tangent cones of Hermitian Yang-Mills connections with isolated singularities. <i>Mathematical Research Letters</i> , 2018, 25, 1429-1445.	0.5	6
10	On counting associative submanifolds and Seiberg-Witten monopoles. <i>Pure and Applied Mathematics Quarterly</i> , 2019, 15, 1047-1133.	0.4	6
11	Deformation theory of the blown-up Seiberg-Witten equation in dimension three. <i>Selecta Mathematica, New Series</i> , 2020, 26, 1.	1.0	4
12	Hecke modifications of Higgs bundles and the extended Bogomolny equation. <i>Journal of Geometry and Physics</i> , 2019, 146, 103487.	1.4	3
13	Rigid HYM Connections on Tautological Bundles over ALE Crepant Resolutions in Dimension Three. <i>Symmetry, Integrability and Geometry: Methods and Applications (SIGMA)</i> , 0, , .	0.5	3
14	On the existence of harmonic Z_2 spinors. <i>Journal of Differential Geometry</i> , 2021, 117, .	1.1	1
15	On the compactness problem for a family of generalized Seiberg-Witten equations in dimension 3. <i>Duke Mathematical Journal</i> , 2021, 170, .	1.5	1