# Frank Kutzschebauch

List of Publications by Year
in descending order



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|---|---|---|---|
| 46 papers | 498 citations | 840776 11 h-index | 839539 18 g-index |
| 47 all docs | 47 docs citations | 47 times ranked | 45 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Holomorphic Lie group actions on Danielewski surfaces. Complex Variables and Elliptic Equations, 2023, 68, 1801-1811. | 0.8 | 0 |
| 2 | Gromovâ€™s Oka Principle for Equivariant Maps. Journal of Geometric Analysis, 2020, 31, 6102. | 1.0 | 3 |
| 3 | Factorization of symplectic matrices into elementary factors. Proceedings of the American Mathematical Society, 2020, 148, 1963-1970. | 0.8 | 4 |
| 4 | Complete algebraic vector fields on affine surfaces. International Journal of Mathematics, 2020, 31, 2050018. | 0.5 | 6 |
| 5 | Embedding Riemann surfaces with isolated punctures into the complex plane. Proceedings of the American Mathematical Society, 2020, 148, 4831-4835. | 0.8 | 1 |
| 6 | Factorization by elementary matrices, null-homotopy and products of exponentials for invertible matrices over rings. Analysis and Mathematical Physics, 2019, 9, 1005-1018. | 1.3 | 8 |
| 7 | Exponential factorizations of holomorphic maps. Bulletin of the London Mathematical Society, 2019, 51, 995-1004. | 0.8 | 5 |
| 8 | Carleman approximation by holomorphic automorphisms of â„‚ n. Journal Fur Die Reine Und Angewandte Mathematik, 2018, 2018, 131-148. | 0.9 | 5 |
| 9 | The fibred density property and the automorphism group of the spectral ball. Mathematische Annalen, 2018, 370, 917-936. | 1.4 | 9 |
| 10 | On subelliptic manifolds. Israel Journal of Mathematics, 2018, 228, 229-247. | 0.8 | 8 |
| 11 | An equivariant parametric Oka principle for bundles of homogeneous spaces. Mathematische Annalen, 2018, 370, 819-839. | 1.4 | 5 |
| 12 | SUFFICIENT CONDITIONS FOR HOLOMORPHIC LINEARISATION. Transformation Groups, 2017, 22, 475-485. | 0.7 | 7 |
| 13 | Algebraic (volume) density property for affine homogeneous spaces. Mathematische Annalen, 2017, 367, 1311-1332. | 1.4 | 11 |
| 14 | An Oka Principle for a Parametric Infinite Transitivity Property. Journal of Geometric Analysis, 2017, 27, 2018-2043. | 1.0 | 7 |
| 15 | The density property for Gizatullin surfaces completed by four rational curves. Proceedings of the American Mathematical Society, 2017, 145, 5097-5108. | 0.8 | 7 |
| 16 | Homotopy principles for equivariant isomorphisms. Transactions of the American Mathematical Society, 2017, 369, 7251-7300. | 0.9 | 9 |
| 17 | ON ALGEBRAIC VOLUME DENSITY PROPERTY. Transformation Groups, 2016, 21, 451-478. | 0.7 | 13 |
| 18 | The algebraic density property for affine toric varieties. Journal of Pure and Applied Algebra, 2015, 219, 3685-3700. | 0.6 | 14 |

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|---|---|---|---|
| 19 | An Oka principle for equivariant isomorphisms. Journal Fur Die Reine Und Angewandte Mathematik, 2015, 2015, 193-214. | 0.9 | 8 |
| 20 | Holomorphic Automorphisms of Danielewski Surfaces II: Structure of the Overshear Group. Journal of Geometric Analysis, 2015, 25, 1859-1889. | 1.0 | 5 |
| 21 | On the Density and the Volume Density Property. Springer Proceedings in Mathematics and Statistics, 2015, , 175-186. | 0.2 | 8 |
| 22 | Flexibility Properties in Complex Analysis and Affine Algebraic Geometry. Springer Proceedings in Mathematics and Statistics, 2014, , 387-405. | 0.2 | 8 |
| 23 | Holomorphic families of nonequivalent embeddings and of holomorphic group actions on affine space. Duke Mathematical Journal, 2013, 162, . | 1.5 | 9 |
| 24 | Infinite Transitivity on Affine Varieties. , 2013, , 1-13. | | 8 |
| 25 | On the number of factors in the unipotent factorization of holomorphic mappings into $SL_{2}(mathbb{C})$. Proceedings of the American Mathematical Society, 2012, 140, 823-838. | 0.8 | 9 |
| 26 | Holomorphic factorization of mappings into SL_n(C). Annals of Mathematics, 2012, 175, 45-69. | 4.2 | 24 |
| 27 | On the present state of the AndersÃ©nâ€“Lempert theory. CRM Proceedings & Lecture Notes, 2011, , 85-122. | 0.1 | 25 |
| 28 | Holomorphic automorphisms of Danielewski surfaces I â€” density of the group of overshears. Proceedings of the American Mathematical Society, 2011, 139, 3915-3927. | 0.8 | 8 |
| 29 | Algebraic volume density property ofÂaffineÂalgebraic manifolds. Inventiones Mathematicae, 2010, 181, 605-647. | 2.5 | 24 |
| 30 | Embedding some Riemann surfaces into $${mathbb {C}^2}$$ with interpolation. Mathematische Zeitschrift, 2009, 262, 603-611. | 0.9 | 12 |
| 31 | Criteria for the density property of complex manifolds. Inventiones Mathematicae, 2008, 172, 71-87. | 2.5 | 37 |
| 32 | Embeddings through discrete sets of balls. Arkiv for Matematik, 2008, 46, 251-269. | 0.5 | 3 |
| 33 | A solution of Gromov's Vaserstein problem. Comptes Rendus Mathematique, 2008, 346, 1239-1243. | 0.3 | 6 |
| 34 | An interpolation theorem for proper holomorphic embeddings. Mathematische Annalen, 2007, 338, 545-554. | 1.4 | 8 |
| 35 | Density property for hypersurfaces $$UV = P({ar X})$$. Mathematische Zeitschrift, 2007, 258, 115-131. | 0.9 | 38 |
| 36 | NON-EQUIVALENT EMBEDDINGS INTO COMPLEX EUCLIDEAN SPACES. International Journal of Mathematics, 2006, 17, 1033-1046. | 0.5 | 15 |

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| 37 | Some results on embedding Stein spaces with interpolation. Arkiv for Matematik, 2005, 43, 419-425. | 0.5 | 5 |
| 38 | ANDERSÃ‰Nâ€“LEMPERT-THEORY WITH PARAMETERS: A REPRESENTATION THEORETIC POINT OF VIEW. Journal of Algebra and Its Applications, 2005, 04, 325-340. | 0.4 | 12 |
| 39 | Subvarieties of â„‚n with non-extendable automorphisms. Journal Fur Die Reine Und Angewandte Mathematik, 1999, 1999, 213-235. | 0.9 | 4 |
| 40 | Subvarieties of Cn with non-extendable autormorphisms. Journal Fur Die Reine Und Angewandte Mathematik, 1999, 1999, 213-235. | 0.9 | 9 |
| 41 | Nonlinearizable holomorphic group actions. Mathematische Annalen, 1998, 311, 41-53. | 1.4 | 27 |
| 42 | On the uniqueness of the analyticity of a proper G-action. Manuscripta Mathematica, 1996, 90, 17-22. | 0.6 | 8 |
| 43 | Equivariant Affine Line Bundles and Linearization. Mathematical Research Letters, 1996, 3, 619-627. | 0.5 | 8 |
| 44 | An equivariant version of Grauert's Oka principle. Inventiones Mathematicae, 1995, 119, 317-346. | 2.5 | 38 |
| 45 | A Characterization of Linearizability for Holomorphic â„‚*-Actions. International Mathematics Research Notices, 0, , . | 1.0 | 2 |
| 46 | LINEARIZATION OF HOLOMORPHIC FAMILIES OF ALGEBRAIC AUTOMORPHISMS OF THE AFFINE PLANE. Transformation Groups, 0, , 1. | 0.7 | 0 |