

# Daisuke Kishimoto

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

220  
citations

1163117

8  
h-index

1125743

13  
g-index

44  
all docs

44  
docs citations

44  
times ranked

30  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Jacobi identity in polyhedral products. <i>Topology and Its Applications</i> , 2022, 312, 108079.  | 0.4 | 1         |
| 2  | Two-dimensional Golod complexes. <i>Homology, Homotopy and Applications</i> , 2021, 23, 215-226.   | 0.4 | 4         |
| 3  | Monoids of self-maps of topological spherical space forms. <i>Homology, Homotopy and Applications</i> , 2021, 23, 141-149.   | 0.4 | 0         |
| 4  | The homotopy types of $\mathrm{SO}(4)$ -gauge groups. <i>European Journal of Mathematics</i> , 2021, 7, 1245.  | 0.5 | 2         |
| 5  | Relative phantom maps and rational homotopy. <i>Proceedings of the American Mathematical Society</i> , 2021, 149, 4029-4040.   | 0.8 | 0         |
| 6  | NOTE ON SAMELSON PRODUCTS IN EXCEPTIONAL LIE GROUPS. <i>Glasgow Mathematical Journal</i> , 2021, 63, 741-752.  | 0.3 | 1         |
| 7  | Higher homotopy associativity in the Harris decomposition of Lie groups. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2020, 150, 2982-3000. | 1.2 | 1         |
| 8  | On the growth of topological complexity. <i>Journal of Applied and Computational Topology</i> , 2020, 4, 525-532.  | 2.0 | 0         |
| 9  | Generating functions and topological complexity. <i>Topology and Its Applications</i> , 2020, 278, 107235.   | 0.4 | 4         |
| 10 | Characterisation of polyhedral products with finite generalised Postnikov decomposition. <i>Forum Mathematicum</i> , 2020, 32, 1253-1269.                                    | 0.7 | 1         |
| 11 | Whitehead products in moment-angle complexes. <i>Journal of the Mathematical Society of Japan</i> , 2020, 72, .  | 0.4 | 3         |
| 12 | Right-angled Coxeter quandles and polyhedral products. <i>Proceedings of the American Mathematical Society</i> , 2019, 147, 3715-3727.                                       | 0.8 | 5         |
| 13 | Fat-wedge filtration and decomposition of polyhedral products. <i>Kyoto Journal of Mathematics</i> , 2019, 59, .   | 0.3 | 16        |
| 14 | Higher homotopy commutativity in localized Lie groups and gauge groups. <i>Homology, Homotopy and Applications</i> , 2019, 21, 107-128.                                      | 0.4 | 2         |
| 15 | SAMELSON PRODUCTS IN $p$ -REGULAR $\mathrm{SO}(2n)$ AND ITS HOMOTOPY NORMALITY. <i>Glasgow Mathematical Journal</i> , 2018, 60, 165-174.                                     | 0.3 | 5         |
| 16 | Golodness and polyhedral products for two-dimensional simplicial complexes. <i>Forum Mathematicum</i> , 2018, 30, 527-532.   | 0.7 | 6         |
| 17 | Samelson products in quasi- $p$ -regular exceptional Lie groups. <i>Homology, Homotopy and Applications</i> , 2018, 20, 185-208.   | 0.4 | 4         |
| 18 | Golodness and polyhedral products of simplicial complexes with minimal Taylor resolutions. <i>Homology, Homotopy and Applications</i> , 2018, 20, 69-78.                     | 0.4 | 6         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | The homotopy types of $G_2$ -gauge groups. <i>Topology and Its Applications</i> , 2017, 228, 92-107.  | 0.4 | 13        |
| 20 | The homotopy types of $PU(3)$ and $PSp(2)$ -gauge groups. <i>Algebraic and Geometric Topology</i> , 2016, 16, 1813-1825.                        | 0.4 | 11        |
| 21 | Infiniteness of $\mathbb{Z}$ -types of gauge groups. <i>Journal of Topology</i> , 2016, 9, 181-191.   | 0.5 | 3         |
| 22 | On Localized Unstable $K_1$ -groups and Applications to Self-homotopy Groups. <i>Canadian Mathematical Bulletin</i> , 2014, 57, 344-356.        | 0.5 | 1         |
| 23 | On $p$ -local homotopy types of gauge groups. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2014, 144, 149-160. | 1.2 | 13        |
| 24 | KO-THEORY OF COMPLEX PARTIAL FLAG MANIFOLDS. <i>Quarterly Journal of Mathematics</i> , 2014, 65, 327-338.                                       | 0.8 | 0         |
| 25 | Samelson products in $p$ -regular exceptional Lie groups. <i>Topology and Its Applications</i> , 2014, 178, 17-29.                              | 0.4 | 7         |
| 26 | Postnikov towers with fibers generalized Eilenberg-MacLane spaces. <i>Homology, Homotopy and Applications</i> , 2014, 16, 139-157.              | 0.4 | 1         |
| 27 | Decompositions of polyhedral products for shifted complexes. <i>Advances in Mathematics</i> , 2013, 245, 716-736.                               | 1.1 | 25        |
| 28 | Note on the cohomology of finite cyclic coverings. <i>Topology and Its Applications</i> , 2013, 160, 1061-1065.                                 | 0.4 | 2         |
| 29 | $\text{Mod } p$ -decompositions of gauge groups. <i>Algebraic and Geometric Topology</i> , 2013, 13, 1757-1778.                                 | 0.4 | 8         |
| 30 | Commutativity of localized self-homotopy groups of symplectic groups. <i>Topology and Its Applications</i> , 2011, 158, 1025-1032.              | 0.4 | 0         |
| 31 | Homotopy nilpotency in $p$ -regular loop spaces. <i>Mathematische Zeitschrift</i> , 2010, 264, 209-224.   | 0.9 | 20        |
| 32 | Spin structures on instanton moduli spaces. <i>Topology and Its Applications</i> , 2010, 157, 35-43.  | 0.4 | 0         |
| 33 | On the cohomology of free and twisted loop spaces. <i>Journal of Pure and Applied Algebra</i> , 2010, 214, 646-653.                             | 0.6 | 9         |
| 34 | Generating varieties, Bott periodicity and instantons. <i>Topology and Its Applications</i> , 2010, 157, 657-668.                               | 0.4 | 1         |
| 35 | On a conjecture of Aeshima. <i>Topology and Its Applications</i> , 2009, 156, 2189-2192.  | 0.4 | 2         |
| 36 | Homotopy nilpotency in localized $\mathbb{S}U(n)$ . <i>Homology, Homotopy and Applications</i> , 2009, 11, 61-79.                               | 0.4 | 13        |

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|----|--|-----|-----------|
| 37 | Mod $\mathbb{Z}$ decompositions of non-simply connected Lie groups. Kyoto Journal of Mathematics, 2008, 48, .                        | 0.3 | 3         |
| 38 | SAMELSON PRODUCTS OF $SO(3)$ AND APPLICATIONS. Glasgow Mathematical Journal, 2007, 49, 405-409.                                      | 0.3 | 21        |
| 39 | L-S category of quaternionic Stiefel manifolds. Topology and Its Applications, 2007, 154, 1465-1469.                                 | 0.4 | 1         |
| 40 | Self homotopy groups with large nilpotency classes. Topology and Its Applications, 2006, 153, 2425-2429.                             | 0.4 | 3         |
| 41 | A topological proof of real and symplectic Bott periodicity theorem. Kyoto Journal of Mathematics, 2001, 41, 33.                     | 0.3 | 1         |
| 42 | Homotopy type of the unitary group of the uniform Roe algebra on $\hat{\mathbb{A}}_n$ . Journal of Topology and Analysis, 0, , 1-18. | 0.5 | 1         |
| 43 | Hilbert bundles with ends. Journal of Topology and Analysis, 0, , 1-32.  | 0.5 | 0         |
| 44 | Homotopy commutativity in Hermitian symmetric spaces. Glasgow Mathematical Journal, 0, , 1-7.  | 0.3 | 0         |