

# Anar Akhmedov

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

201  
citations

1163117

8  
h-index

1058476

14  
g-index

22  
all docs

22  
docs citations

22  
times ranked

34  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Exotic smooth structures on small 4-manifolds with $\hat{A}$ -odd signatures. <i>Inventiones Mathematicae</i> , 2010, 181, 577-603.                              | 2.5 | 37        |
| 2  | Exotic smooth structures on small 4-manifolds. <i>Inventiones Mathematicae</i> , 2008, 173, 209-223.   | 2.5 | 23        |
| 3  | Constructing infinitely many smooth structures on small 4-manifolds. <i>Journal of Topology</i> , 2008, 1, 409-428.  | 0.5 | 18        |
| 4  | Simply connected minimal symplectic 4-manifolds with signature less than $\hat{a}^2$ . <i>Journal of the European Mathematical Society</i> , 2009, 12, 133-161.  | 1.4 | 18        |
| 5  | A note on Stein fillings of contact manifolds. <i>Mathematical Research Letters</i> , 2008, 15, 1127-1132.   | 0.5 | 17        |
| 6  | Lantern substitution and new symplectic 4-manifolds with $b_2^+ = 3$ . <i>Mathematical Research Letters</i> , 2014, 21, 1-17.                                    | 0.5 | 16        |
| 7  | Geography of simply connected spin symplectic 4-manifolds. <i>Mathematical Research Letters</i> , 2010, 17, 483-492.   | 0.5 | 14        |
| 8  | Small exotic 4-manifolds. <i>Algebraic and Geometric Topology</i> , 2008, 8, 1781-1794.  | 0.4 | 13        |
| 9  | Exotic Stein fillings with arbitrary fundamental group. <i>Geometriae Dedicata</i> , 2018, 195, 265-281.   | 0.3 | 9         |
| 10 | Geography of simply connected nonspin symplectic 4-manifolds with positive signature. <i>Pacific Journal of Mathematics</i> , 2013, 261, 257-282.                | 0.5 | 8         |
| 11 | Constructing Lefschetz fibrations via daisy substitutions. <i>Kyoto Journal of Mathematics</i> , 2016, 56, .   | 0.3 | 6         |
| 12 | Symplectic Calabi-Yau 6-manifolds. <i>Advances in Mathematics</i> , 2014, 262, 115-125.  | 1.1 | 4         |
| 13 | On the geography of simply connected nonspin symplectic 4-manifolds with nonnegative signature. <i>Topology and Its Applications</i> , 2016, 206, 24-45.         | 0.4 | 4         |
| 14 | Construction of exotic smooth structures. <i>Topology and Its Applications</i> , 2007, 154, 1134-1140.   | 0.4 | 3         |
| 15 | Geography of simply connected nonspin symplectic 4-manifolds with positive signature. II. <i>Canadian Mathematical Bulletin</i> , 2021, 64, 418-428.             | 0.5 | 3         |
| 16 | Reducible smooth structures on 4-manifolds with zero signature. <i>Journal of Topology</i> , 2014, 7, 607-616.   | 0.5 | 2         |
| 17 | New exotic 4-manifolds via Luttinger surgery on Lefschetz fibrations. <i>International Journal of Mathematics</i> , 2015, 26, 1550010.                           | 0.5 | 2         |
| 18 | Deformation of singular fibers of genus two fibrations and small exotic symplectic 4-manifolds. <i>International Journal of Mathematics</i> , 2019, 30, 1950017. | 0.5 | 2         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Symplectic surgeries along certain singularities and new Lefschetz fibrations. <i>Advances in Mathematics</i> , 2020, 360, 106920. | 1.1 | 1         |
| 20 | Genus 2 Lefschetz fibrations with $b_2 = 1$ and $c_1 = 1, 2$ . <i>Kyoto Journal of Mathematics</i> , 2020, 60, .                   | 0.3 | 1         |
| 21 | Dissolving 4-manifolds, covering spaces and Yamabe invariant. <i>Annals of Global Analysis and Geometry</i> , 2015, 47, 271-283.   | 0.6 | 0         |
| 22 | Generalized chain surgeries and applications. <i>Journal of Symplectic Geometry</i> , 2021, 19, 1047-1069.                         | 0.5 | 0         |