

# Aleksey Zinger

## List of Publications by Year in descending order

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37  
papers

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citations

840776

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839539

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38  
docs citations

38  
times ranked

78  
citing authors

#	ARTICLE	IF	CITATIONS
1	The reduced genus $g$ Gromov-Witten invariants of Calabi-Yau hypersurfaces. Journal of the American Mathematical Society, 2008, 22, 691-737.	3.9	59
2	A desingularization of the main component of the moduli space of genus-one stable maps into $\mathbb{P}^n$ . Geometry and Topology, 2008, 12, 1-95.	1.3	42
3	Standard versus reduced genus-one Gromov-Witten invariants. Geometry and Topology, 2008, 12, 1203-1241.	1.3	32
4	The robustness of zero-determinant strategies in Iterated Prisoner's Dilemma games. Journal of Theoretical Biology, 2014, 357, 46-54.	1.7	31
5	Enumeration of Genus-Two Curves with a Fixed Complex Structure in $\mathbb{P}^2$ and $\mathbb{P}^3$ . Journal of Differential Geometry, 2003, 65, 341.	1.1	21
6	Pseudocycles and integral homology. Transactions of the American Mathematical Society, 2008, 360, 2741-2765.	0.9	18
7	A comparison theorem for Gromov-Witten invariants in the symplectic category. Advances in Mathematics, 2011, 228, 535-574.	1.1	17
8	Real Gromov-Witten theory in all genera and real enumerative geometry: Construction. Annals of Mathematics, 2018, 188, .	4.2	14
9	Enumerative vs. symplectic invariants and obstruction bundles. Journal of Symplectic Geometry, 2004, 2, 445-543.	0.5	14
10	On the structure of certain natural cones over moduli spaces of genus-one holomorphic maps. Advances in Mathematics, 2007, 214, 878-933.	1.1	13
11	Counting rational curves of arbitrary shape in projective spaces. Geometry and Topology, 2005, 9, 571-697.	1.3	13
12	A natural smooth compactification of the space of elliptic curves in projective space. Electronic Research Announcements in Mathematical Sciences, 2007, 13, 53-59.	0.7	11
13	Mirror symmetry for stable quotients invariants. Michigan Mathematical Journal, 2014, 63, .	0.4	9
14	Enumeration of real curves in $\mathbb{C}P^{2n-1}$ and a Witten-Dijkgraaf-Verlinde-Verlinde relation for real Gromov-Witten invariants. Duke Mathematical Journal, 2017, 166, .	1.5	9
15	A sharp compactness theorem for genus-one pseudo-holomorphic maps. Geometry and Topology, 2009, 13, 2427-2522.	1.3	9
16	Mirror symmetry for closed, open, and unoriented Gromov-Witten invariants. Advances in Mathematics, 2014, 259, 448-510.	1.1	8
17	Intersections of tautological classes on blowups of moduli spaces of genus-1 curves. Michigan Mathematical Journal, 2007, 55, .	0.4	7
18	The genus 0 Gromov-Witten invariants of projective complete intersections. Geometry and Topology, 2014, 18, 1035-1114.	1.3	6

#	ARTICLE	IF	CITATIONS
19	Genus-zero two-point hyperplane integrals in the Gromov-Witten theory. <i>Communications in Analysis and Geometry</i> , 2009, 17, 955-999.	0.4	6
20	Completion of Katz-Qin-Ruan's enumeration of genus-two plane curves. <i>Journal of Algebraic Geometry</i> , 2004, 13, 547-561.	0.9	5
21	Enumeration of genus-three plane curves with a fixed complex structure. <i>Journal of Algebraic Geometry</i> , 2005, 14, 35-81.	0.9	5
22	WDVV-type relations for disk Gromov-Witten invariants in dimension 6. <i>Mathematische Annalen</i> , 2021, 379, 1231-1313.	1.4	5
23	The moduli space of maps with crosscaps: Fredholm theory and orientability. <i>Communications in Analysis and Geometry</i> , 2015, 23, 499-558.	0.4	5
24	Real Gromov-Witten theory in all genera and real enumerative geometry: Properties. <i>Journal of Symplectic Geometry</i> , 2019, 17, 1083-1158.	0.5	5
25	Enumeration of one-nodal rational curves in projective spaces. <i>Topology</i> , 2004, 43, 793-829.	0.3	4
26	Absolute vs. relative Gromov-Witten invariants. <i>Journal of Symplectic Geometry</i> , 2016, 14, 1189-1250.	0.5	4
27	Enumeration of one-nodal rational curves in projective spaces. <i>Topology</i> , 2004, 43, 793-829.	0.3	3
28	Gromov-Witten invariants of a quintic threefold and a rigidity conjecture. <i>Pacific Journal of Mathematics</i> , 2007, 233, 417-480.	0.5	3
29	Real Gromov-Witten theory in all genera and real enumerative geometry: computation. <i>Journal of Differential Geometry</i> , 2019, 113, .	1.1	3
30	The moduli space of maps with crosscaps: the relative signs of the natural automorphisms. <i>Journal of Symplectic Geometry</i> , 2016, 14, 359-430.	0.5	2
31	Normal Crossings Degenerations of Symplectic Manifolds. <i>Peking Mathematical Journal</i> , 2019, 2, 275-351.	1.2	1
32	The refined symplectic sum formula for Gromov-Witten invariants. <i>International Journal of Mathematics</i> , 2020, 31, 2050032.	0.5	1
33	On the rim tori refinement of relative Gromov-Witten invariants. <i>Communications in Contemporary Mathematics</i> , 2021, 23, 2050051.	1.2	1
34	WDVV-type relations for Welschinger invariants: Applications. <i>Kyoto Journal of Mathematics</i> , 2021, 61, .	0.3	1
35	Lower bounds for enumerative counts of positive-genus real curves. <i>Advances in Mathematics</i> , 2018, 339, 191-247.	1.1	0
36	Energy bounds and vanishing results for the Gromov-Witten invariants of the projective space. <i>Journal of Geometry and Physics</i> , 2019, 145, 103479.	1.4	0

#	ARTICLE	IF	CITATIONS
37	Double and triple Givental's J-functions for stable quotients invariants. Pacific Journal of Mathematics, 2014, 272, 439-507.	0.5	0