## Published/Submitted work

1. Amin Gholampour and Yunfeng Jiang. Counting invariants for the ADE McKay quivers. 30 pages and 1 figure. arXiv:0910.5551
2. Wan Keng Cheong and Amin Gholampour. Connected Gromov-Witten invariants of $[\mathrm{Sym}^n(\mathcal{A}_r)]$. 12 pages and 1 figure. arXiv:0909.1536.
3. Jim Bryan and Amin Gholampour. BPS invariants for resolutions of polyhedral singularities, 2009. Selecta Mathematica, Volume 15, Issue 4 (2009), pp. 521–534. arXiv:0905.0537.
4. Jim Bryan and Amin Gholampour. The Quantum McKay Correspondence for polyhedral singularities, 2009. Inventiones Mathematicae, Volume 178, Issue 3: pp. 655–681, 2009. arXiv:0803.3766.
5. Jim Bryan and Amin Gholampour. Hurwitz-Hodge integrals, the $E_6$ and $D_4$ root systems, and the crepant resolution conjecture. Advances in Mathematics, Volume 221, Number 4, pp. 1047-1068, 2009. arXiv:0708.4244.
6. Jim Bryan and Amin Gholampour. Root systems and the quantum cohomology of ADE resolutions. Algebra and Number Theory, Volume 2, Number 4, pp. 369-390, 2008. arXiv:0707.1337.
7. Amin Gholampour. On the equivariant Gromov-Witten theory of $\mathbb{P}^2$-bundles over curves. Communications in Analysis and Geometry. Volume 14, Number 4, October 2006, pp. 633–671. arXiv:math/0409592.
8. Amin Gholampour and Yinan Song. Evidence for the Gromov-Witten/Donaldson-Thomas correspondence. Mathematical Research Letters. Volume 13, Issue 4, July 2006, pp. 623–630. arXiv:math/0510006.
9. Amin Gholampour. Szabo's proof of generalized Thom conjecture for symplectic four manifolds. Master thesis, Submitted to the library of Sharif University of Technology, July 2002.

## Work in progress

1. Amin Gholampour and Dagan Karp. Gromov-Witten invariants of Blow-ups of projective spaces.
2. Amin Gholampour and Hsian-Hua Tseng. Decomposition of Donaldson-Thomas invariants of gerbes.