Yong-Geun Oh's Publication list

1. *Symplectic Topology and Floer homology*, monograph, 599 pages, under review by AMS, manuscript available from "http://www.math.wisc.edu/∼oh/all.pdf".

2. *Localization of Floer homology of engulfable topological Hamiltonian loop*, preprint 2011, submitted, arXiv:1111.5996.

3. *Homotopy invariance of spectral invariants of topological Hamiltonian flows and its lagrangian analog*, submitted, arXiv:1111.5992.

4. *A compactification of the space of maps from curves*, submitted, jointed with Bumsig Kim and Andrew Kresch, arXiv:1105.6143.

5. *Lagrangian Floer theory over integers: spherically positive symplectic manifolds*, submitted, jointed with Kenji Fukaya, Hiroshi Ohta, Kaoru Ono, arXiv:1105.5124, 68 pages.

6. *Spectral invariants with bulk, quasimorphisms and Lagrangian Floer theory*, submitted 2011, jointed with Kenji Fukaya, Hiroshi Ohta, Kaoru Ono, arXiv:1105.5123, 180 pages.

7. *Displacement of polydisks and Lagrangian Floer theory*, J. Symp. Geom. (to appear), jointed with Kenji Fukaya, Hiroshi Ohta, Kaoru Ono, arXiv:1104.4267.

8. *Thick-thin decomposition of Floer Trajectories and adiabatic gluing*, preprint, 2011, jointed with Ke Zhu, arXiv:1103.3525, 73 pages.

9. *Extension of Calabi homomorphism and non-simpleness of the area preserving homeomorphism group of* D^2, submitted, arXiv:1010.0181.

10. *Lagrangian Floer theory on compact toric manifolds: survey*, Surveys in Differ. Geometry, (to appear), jointed with Kenji Fukaya, Hiroshi Ohta and Kaoru Ono, 2010.

11. *Lagrangian Floer theory and mirror symmetry on compact toric manifolds*, preprint 2010, jointed with Fukaya, Ohta and Ono, arXiv:1009.1648, submitted.

12. *Seidel's long exact sequence of Calabi-Yau manifolds,* Kyoto J. Math., 51, no 3 (2011), 687-765.

13. *Toric degeneration and non-displaceable Lagrangian tori in* $S^2 \times S^2$, jointed with K. Fukaya, H. Ohta and K. Ono, Internat. Math. Res. Notices, 2011, electronic version appeared; doi: 10.1093/imrn/rnr128.

14. *Anti-symplectic involution and Floer cohomology*, submitted, jointed with Kenji Fukaya, Hiroshi Ohta, Kaoru Ono, arXiv:0912.2646.

15. *Anchored Lagrangian submanifolds and their Floer theory*, jointed with Fukaya, Ohta, Ono, Proceedings for the conference 'Tropical geometry and mirror symmetry', Contemp. Math. AMS, vol 527, 2010, pp 15–57. arXiv:0907.2122.

16. *Higher jet evaluation transversality of J-holomorphic curves,* J. Korean Math. Soc., 48 (2011), No. 2, pp. 341365.

17. *Lagrangian intersection Floer theory on compact toric manifolds II; bulk deformations*, jointed with Fukaya, Ohta and Ono, Selecta Math. New Ser. 17 (2011), 609–711.

18. *Lagrangian intersection Floer theory on compact toric manifolds I*, jointed with Fukaya, Ohta and Ono, Duke Math. J. 151 (2010), 23-174, arXiv:0802.1703.

19. *Floer trajectories with immersed nodes and scale-dependent gluing*, jointed with Ke Zhu, J. Symp. Geom. in press, arXiv:0711.4187.

20. *Lagrangian intersection Floer theory - anomaly and obstruction* -, research monograph, jointed with K. Fukaya, H. Ohta and K. Ono, AMS/IP Studies in Advanced Mathematics, vol 46 I & II, AMS/International Press, 2009.

21. *The group of Hamiltonian homeomorphisms and continuous Hamiltonian flows,* in Proceedings for the 2007 AMS Summer Research Conference "Symplectic topology and measure preserving dynamical systems", , pp 149–177, AMS, ed by A. Fathi, Y.-G. Oh and C. Viterbo

22. *Canonical models of filtered A_∞-algebras and Morse complexes*, New perspectives and challenges in symplectic field theory, pp 201–227, CRM Proc. Lecture Notes, 49, Amer. Math. Soc., Providence, RI, 2009.

23. *Embedding property of somewhere injective J-holomorphic curves in Calabi-Yau threefolds,* jointed Ke Zhu, Asian J. Math. 13, No. 3 (2009), 323340, arXiv:0805.3581.

24. *Floer mini-max theory, the Cerf diagram, and the spectral invariants*, J. Korean Math. Soc. 46 (2009), 363–447.

25. *Locality of continuous Hamiltonian flows and Lagrangian intersection with conormals*, J. Gökova Geom. Topol. 1 (2007), 1–32.

26. *The group of Hamiltonian homeomorphisms and C^0 symplectic topology*, jointed with S. Müller, J. Symplectic Geom. 5 (2007), no. 2, 167–219.

27. *Floer cohomology and disc instantons of Lagrangian torus fibers in Fano toric manifolds*, jointed with Cheol-Hyun Cho, Asian J. Math. 10 (2006), 773-814.

28. *Floer homology in symplectic geometry and mirror symmetry*, Proceedings of ICM-2006, pp 879-905, Madrid, 2006, EMS, jointed with K. Fukaya.

29. *Lectures on Floer theory and spectral invariants of Hamiltonian flows*, the proceedings of the "Morse theoretic methods in non-linear analysis and symplectic topology", Seminaire de Mathematique Superieure-Summer School, University of Montreal, pp 321-416, 2005.

30. *Spectral invariants, analysis of the Floer moduli spaces and geometry of the Hamiltonian diffeomorphism group*, Duke Math. J. 130 (2005), 199 - 295.

31. *Deformation of coisotropic submanifolds and strongly homotopy Lie algebroids*, jointed with Jae-Suk Park, Invent. Math. 161 (2005), 287-360.

32. *Spectral invariants and length minimizing property of Hamiltonian paths*, Asian J. Math. 9 (2005), 1 - 18.

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39. *Floer homology of open subsets and a refinement of Arnol'd's conjecture*, with Rajesh Kasturirangan, Math. Z. 236 (2001), 151-189.

40. *Structure of the image of (pseudo)-holomorphic discs with totally real boundary condition*, with Daesung Kwon, Comm. Anal. Geom. 8 (2000), 31-82.

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43. *Generating functions versus action functional*, with D. Milinkovic, CRM Proceedings and Lecture Notes, vol. 15, pp 107-125, eds.by F. Lalonde, 1998, AMS.

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