

CURRICULUM VITAE

A. **Personal Information:**

Name	Yan Li
Title	Research Assistant Professor
Business Address	Oregon Health & Science University Casey Eye Institute 3375 SW Terwilliger Blvd. Portland, OR 97239-4197
Business Phone	503-494-6394
Citizenship	China
E-Mail Address	liyan@ohsu.edu

B. **Education:**

College or University	Zhejiang University, China, B.S., 1998 June
College or University	Zhejiang University, China, M.S., 2000 July
College or University	Case Western Reserve University, Cleveland, OH, Ph.D, 2008 August

C. **Professional Background:**

Academic appointments

Research Lab Specialist, University of Southern California, Los Angeles, CA,
2005- 2008 August

Senior Research Associate, University of Southern California, Los Angeles, CA,
2008 August – 2010 August

Research Assistant Professor, Oregon Health & Science University, Portland, OR,
2010 September - present

Specific teaching responsibilities (list courses taught)

Continuing Medical Education

1. Y Li, “The Central Tear Film and Lower Tear Meniscus Measured with Very-high-speed Optical Coherence Tomography”, *Current and Future Approaches to the Management of Ocular Surface Diseases CME Symposium*, Doheny Eye Institute, University of Southern California, Los Angeles, CA, March 10, 2007
2. Y Li, “Detection of Keratoconus Patterns on Corneal Pachymetry Maps”, *Innovations in Refractive Surgery CME Symposium*, Doheny Eye Institute, University of Southern California, Los Angeles, CA, December 12, 2009

Professional Services

Journal Reviewer

Ophthalmology

Investigative Ophthalmology and Visual Science

Journal of Refractive Surgery
Journal of Cataract and Refractive Surgery
British Journal of Ophthalmology
Ophthalmic Surgery, Lasers & Imaging
The Ocular Surface
Biomedical Optics Express

D. **Society Memberships**

National

ARVO-The Association for Research on Vision and Ophthalmology, 2001-present

F. **Research Activities**

Major Areas of Research Interest

Optical coherence tomography (OCT)
Medical image processing
Refractive surgery
Keratoconus
Dry eye
Uveitis
Corneal power measurement
Image guided intervention
Visualization of three-dimensional images

Research in Progress

R01 EY017723-01 Huang (PI) 8/1/2006-7/31/2010
NIH/NEI

Eye Bank Cornea Screening with Optical Coherence Tomography

The project aims to develop Fourier-domain high-speed high-resolution OCT for screening of eye bank corneas to detect previous refractive surgery and other defects that could pose a risk to transplant surgery.

Role: Co-investigator

R01 EY018184 Huang (PI) 3/1/2008-2/28/2011
NIH/NEI

Guiding the Treatment of Anterior Eye Disease with Optical Coherence Tomography

This project aims to develop Fourier-domain high-speed OCT for guiding excimer laser phototherapeutic keratectomy, femtosecond laser lamellar keratoplasty, and intraocular lens power calculation after laser vision correction.

Role: Co-investigator

Research Grants in Past Five Years

Corneal and Anterior Segment Optical Coherence Tomography

Carl Zeiss Meditec, Inc.

1/1/2005-12/31/2006, Co-Investigator

BIBLIOGRAPHY

PATENTS

1. D Huang, O Tan, Y Li, "Method and apparatus for measuring a retinal sublayer characteristic" U.S. patent No. 7,347,548, issued March 25, 2008, expires May 2023.

PENDING PATENTS

1. D Huang, J Song, Y Li, M Tang, "Method and apparatus to guide laser corneal surgery with optical measurement" U.S. patent application filed June 1, 2007

PEER REVIEW ARTICLES

1. Huang D, Li Y, Radhakrishnan S. Optical coherence tomography of the anterior segment of the eye. *Ophthalmol Clin North Am* 2004;17:1-6.
2. Goldsmith JA, Li Y, Chalita MR, Westphal V, Patil CA, Rollins AM, Izatt JA, Huang D. Anterior chamber width measurement by high-speed optical coherence tomography. *Ophthalmology* 2005;112:238-44.
3. Chalita, MR, Li Y, Smith S, Patil C, Westphal V, Rollins AM, Izatt JA, Huang D. High-speed optical coherence tomography of laser iridotomy. *Am J Ophthalmol* 2005;140:1133-6.
4. Li Y, Shekhar R, Huang D, Corneal pachymetry mapping with high-speed optical coherence tomography. *Ophthalmology* 2006;113:792-9.
5. Avila M, Li Y, Song JC, Huang D. High-speed optical coherence tomography for post-LASIK management. *J Cataract Refract Surg* 2006;32:1836-42.
6. Tang M, Li Y, Avila M, Huang D. Measurement of total corneal power before and after laser in situ keratomileusis with high-speed optical coherence tomography. *J Cataract Refract Surg* 2006;32:1843-50.
7. Lai MM, Tang M, Andrade EMM, Li Y, Khurana RN, Song JC, Huang D. Optical coherence tomography to assess intrastromal corneal ring segment depth in keratoconic eyes. *J Cataract Refract Surg* 2006;32:1860-5.
8. Bakri SJ, Singh AD, Lowder CY, Chalita MR, Li Y, Izatt JA, Rollins AM, Huang D. Imaging of iris lesions with high-speed optical coherence tomography. *Ophthalmic Surg Lasers Imaging* 2007;38:27-34.
9. Lin RC, Li Y, Tang M, McLain M, Rollins AM, Izatt JA, Huang D. Screening for previous refractive surgery in eye bank corneas using optical coherence tomography. *Cornea* 2007;26:594-9.
10. Li Y, Netto MV, Shekhar R, Krueger RR, Huang D. A longitudinal study of LASIK flap and stromal thickness with high-speed optical coherence tomography. *Ophthalmology* 2007;114:1124-32.
11. Khurana RN, Li Y, Tang M, Lai MM, Huang D. High-speed optical coherence tomography of corneal opacities. *Ophthalmology* 2007;114:1278-85.
12. Memarzadeh F, Li Y, Francis BA, Smith RE, Gutmark J, Huang D. Optical coherence tomography of the anterior segment in secondary glaucoma with corneal opacity after penetrating keratoplasty. *Br J Ophthalmol* 2007;91:189-92.

13. Memarzadeh F, Tang M, Li Y, Chopra V, Francis BA, Huang D. Optical coherence tomography assessment of angle anatomy changes after cataract surgery. *Am J Ophthalmol* 2007; 144: 464-5.
14. Memarzadeh F, Li Y, Chopra V, Varma R, Francis BA, Huang D. Anterior segment optical coherence tomography for imaging the anterior chamber after laser peripheral iridotomy. *Am J Ophthalmol* 2007;143: 877-9.
15. Radhakrishnan S, See J, Smith SD, Nolan WP, Ce Z, Friedman DS, Huang D, Li Y, Aung T, Chew PTK. Reproducibility of anterior chamber angle measurements obtained with anterior segment optical coherence tomography. *Invest Ophthalmol Vis Sci* 2007;48: 3683-8.
16. Reddy HS, Li Y, Yiu SC, Irvine JA, Huang D. Optical coherence tomography of corneal and scleral melts. *Ophthalmic Surg Lasers Imaging* 2007;38:514-7.
17. Su DHW, Friedman DS, See JLS, Chew PTK, Chan YH, Nolan WP, Smith SD, Huang D, Zheng C, Li Y, Foster, PJ, Aung T. Degree of angle closure and extent of peripheral anterior synechiae: an anterior segment OCT study. *Br J Ophthalmol* 2008;92:103-7.
18. Schallhorn JM, Tang M, Li Y, Song JC, Huang D. Optical coherence tomography of clear corneal incisions for cataract surgery. *J Cataract Refract Surg* 2008;34:1561-5.
19. Li Y, Meisler DM, Tang M, Lu ATH, Thakrar V, Reiser BJ, Huang D. Keratoconus diagnosis with optical coherence tomography pachymetry mapping, *Ophthalmology*, 2008; 115: 2159-66.
20. Ramos JLB, Li Y, Huang D, Clinical and research applications of anterior segment optical coherence tomography, *Clin Exp Ophthalmol* 2009;37:81-89.
21. Salaroli CR, Li Y, Huang D, High-resolution optical coherence tomography visualization of LASIK flap displacement. *J Cataract Refract Surg* 2009; 35:1640-2.
22. Zhou S, Li Y, Lu ATH, Liu P, Tang M, Yiu SC, Huang D, Reproducibility of tear meniscus measurement by Fourier-domain optical coherence tomography: a pilot study. *Ophthalmic Surg Lasers Imaging*, 2009; 40:442-7.
23. Li Y, Tang M, Zhang X, Salaroli CH, Ramos JL, Huang D. Pachymetric mapping with Fourier-domain optical coherence tomography. *J Cataract Refract Surg*, 2010; 36: 834-839.
24. Tang M, Li Y, Huang D. An intraocular lens power calculation formula based on optical coherence tomography: a pilot study. *J of Refract Surg*, 2010; 26: 430-437.
25. Tang M, Chen A, Li Y, Huang D. Corneal power measurement with optical coherence tomography. *J Cataract Refract Surg*, 2010; 36: 2115-2122.

ARTICLES IN PRESS

1. Salaroli CH, Li Y, Zhang X, Tang ML, Ramos JL, Allemann N, Huang D. Repeatability of LASIK flap thickness by Fourier-domain optical coherence tomography. *J Cataract Refract Surg*, in press.

BOOK CHAPTERS

1. Chalita MR, Huang D, Li Y, Radhakrishnan S. Tomografia de coerencia optica de cornea e segmento anterior. in *Cirurgia Refractiva*. Alves MR, Chamon W, Nose W, editors. Rio de Janeiro, Brasil: Cultura Medica; 2003.
2. Chalita MR, Huang D, Li Y, Radhakrishnan S. Aspectos basicos da tomografia de coerencia optica de cornea e segmento anterior (CAS OCT). in *Cirurgia Refractiva*, Alves MR, Chamon W, Nose W, editors. Rio de Janeiro, Brasil: Cultura Medica; 2003.
3. Huang D, Li Y, Radhakrishnan S, Chalita MR. Corneal and anterior segment optical coherence tomography. in *Optical Coherence Tomography of Ocular Diseases*, 2nd Edition, Schuman JS, Puliafito CA, Fujimoto JG, editors. Thorofare, NJ: SLACK, Inc.; 2004:663-673.
4. Li Y, Huang D. Keratoconus screening. in *Anterior Segment Optical Coherence Tomography*. Steinert, RF Huang D, editors. Thorofare, NJ: SLACK; 2008:11-20.
5. Radhakrishnan S, Li Y, Huang D. Quantitative measurement of the anterior chamber angle with optical coherence tomography. in *Anterior Segment Optical Coherence Tomography*. Steinert RF, Huang D, editors. Thorofare, NJ: SLACK; 2008:109-115.
6. Huang D, Li Y, Tang M. Anterior Eye Imaging with Optical Coherence Tomography. in *Optical Coherence Tomography: Technology and Applications*. Drexler W, Fujimoto JG, editors. Springer; 2008: 961-79
7. Heur M, Li Y, Huang D. Anterior segment optical coherence tomography. in *Cornea*, 3rd Edition, Krachmer JH, Mannis MJ, Holland EJ, editors. Elsevier Ltd; to be published in 2010.
8. Li Y, Huang D. Anterior segment scan patterns. in *Imaging the Eye from Front to Back with the RTVue Optical Coherence Tomography*, Huang D, Duker J, Fujimoto J, Lumbroso B, Schuman J, Weinreb R, editors. Thorofare, NJ: SLACK Inc.; 2010:23-29.
9. Huang D, Li Y, Tang M. Interpretation of corneal images. in *Imaging the Eye from Front to Back with the RTVue Optical Coherence Tomography*, Huang D, Duker J, Fujimoto J, Lumbroso B, Schuman J, Weinreb R, editors. Thorofare, NJ: SLACK Inc.; 2010:39-45.
10. Memarzadeh F, Mahdavian S, Li Y. Interpretation of Angle Images. in *Imaging the Eye from Front to Back with the RTVue Optical Coherence Tomography*, Huang D, Duker J, Fujimoto J, Lumbroso B, Schuman J, Weinreb R, editors. Thorofare, NJ: SLACK Inc.; 2010:47-51.
11. Li Y, Tang M, Huang D. Keratoconus screening. in *Imaging the Eye from Front to Back with the RTVue Optical Coherence Tomography*, Huang D, Duker J, Fujimoto J, Lumbroso B, Schuman J, Weinreb R, editors. Thorofare, NJ: SLACK Inc.; 2010:103-107.
12. Salaroli CR, Trokel S, Binder P, Li Y, Huang D. Refractive surgery. in *Imaging the Eye from Front to Back with the RTVue Optical Coherence Tomography*, Huang D, Duker J, Fujimoto J, Lumbroso B, Schuman J, Weinreb R, editors. Thorofare, NJ: SLACK Inc.; 2010:109-122.

ABSTRACTS

1. Y Li, R Shekhar, D Huang, “Corneal anatomic changes after LASIK measured by Arc-Scanning optical coherence tomography and ultrasonic pachymeter” Association for Research in Vision and Ophthalmology meeting, Ft Lauderdale, FL, May 2002, *Invest Ophthalmol Vis Sci*, Supplement 2002;43:Abstract#153.
2. S Radhakrishnan, Y Li, D Huang, V Westphal, R Shakhar, AM Rollins, JA Izatt. “Optical coherence tomography imaging of LASIK flaps using 08 micron and 13 micron wavelengths of light: A comparison study” Association for Research in Vision and Ophthalmology meeting, Ft Lauderdale, FL, May 2002, *Invest Ophthalmol Vis Sci*, Supplement 2002;43: Abstract#163.
3. J Goldsmith, Y Li, MR Chalita, V Westphal, C Patil, A Rollind, E Acol, D Huang. “Anterior chamber width measurement by optical coherence tomography”. American Academy of Ophthalmology Annual Meeting, Orlando, FL, October 2002.
4. D Huang, MR Chalita, Y Li, CY Lowder, DM Meisler, AM Rollins, JA Izatt. “High-speed optical coherence tomography of anterior segment surgical anatomy and pathology.” Association for Research in Vision and Ophthalmology Annual Meeting, Ft Lauderdale, FL, May 2003, *Invest Ophthalmol Vis Sci*, Supplement 2003;44: Abstract#3196.
5. JA Goldsmith, Y Li, MR Chalita, V Westfall, C Patel, AM Rollins, J Izatt, D Huang. “Anterior chamber width measurement by optical coherence tomography.” Association for Research in Vision and Ophthalmology Annual Meeting, Ft Lauderdale, FL, May 2003, *Invest Ophthalmol Vis Sci*, Supplement 2003;44:Abstract#3603.
6. Y Li, MR Chalita, J Goldsmith, V Westphal, BA Bower, R Shakhar, AM Rollins, JA Izatt, D Huang. “Automated anterior chamber biometry with high-speed optical coherence tomography”, Association for Research in Vision and Ophthalmology Annual Meeting, Ft Lauderdale, FL, May 2003, *Invest Ophthalmol Vis Sci*, Supplement 2003;44: Abstract#3604.
7. O Tan, Y Li, D Huang, “Measurement of ganglion cell layer and inner plexiform layer thickness with optical coherence tomography”, Association for Research in Vision and Ophthalmology Annual Meeting, Ft Lauderdale, FL, May 2003, *Invest Ophthalmol Vis Sci*, Supplement 2003;44: Abstract#4926
8. D Huang, O Tan, Y Li, H Ishikawa, J Schuman. “Retinal ganglion cell layer and inner plexiform layer thickness measurement with optical coherence tomography.” International Society for Imaging in the Eye Inaugural Meeting, Ft Lauderdale, May 2003.
9. Y Li, C Lowder, VL Perez, D Huang. “In vivo aqueous cells and flare measurement with high-speed optical coherence tomography.” 2nd Annual International Society for Imaging in the Eye Ft Lauderdale, FL, April 23-24, 2004.
10. D Huang, Y Li. “Profiling LASIK flap thickness with high-speed optical coherence tomography” 2nd Annual International Society for Imaging in the Eye Ft Lauderdale, FL, April 23-24, 2004.
11. Y Li, R Shekhar, V Thakrar, DM Meisler, D Huang. “Pachymetric map of keratoconus eyes with high-speed optical coherence tomography.” Association for Research in Vision and Ophthalmology, Ft Lauderdale, FL, 2004, *Invest Ophthalmol Vis Sci*, Supplement 2004;45:Abstract#140.
12. D Huang, Y Li. “Reproducibility of pachymetric mapping with high-speed optical coherence tomography” Association for Research in Vision and Ophthalmology, Ft Lauderdale, FL, 2004, *Invest Ophthalmol Vis Sci*, Supplement 2004;45: Abstract#141.

13. PC Gupta, MR Chalita, Y Li, MV Netto, D Huang. "Measurement of anterior segment anatomy during accommodation with high-speed optical coherence tomography" Association for Research in Vision and Ophthalmology, Ft Lauderdale, FL, 2004, *Invest Ophthalmol Vis Sci*, Supplement 2004;45: Abstract#1138.
14. S Radhakrishnan, MV Netto, Y Li, MR Chalita, D Huang. "Biometry of the anterior chamber with high-speed optical coherence tomography," Association of Research in Vision and Ophthalmology, Ft Lauderdale, FL, 2004, *Invest Ophthalmol Vis Sci*, Supplement 2004;45: Abstract#2377.
15. CY Lowder, Y Li, VL Perez, D Huang. "Anterior chamber cell grading with high-speed optical coherence tomography" Association for Research in Vision and Ophthalmology, Ft Lauderdale, FL, 2004, *Invest Ophthalmol Vis Sci*, Supplement 2004;45: Abstract#3372.
16. MR Chalita, Y Li, MV Netto, D Huang. "Anterior segment optical coherence tomography analysis during accommodation in a human eye." American Society of Cataract and Refractive Surgery, San Diego, CA, May 1-5, 2004.
17. MV Netto, Y Li, MR Chalita, S Radhakrishnan, D Huang. "Corneal and anterior segment optical coherence tomography for anterior chamber biometry." American Society of Cataract and Refractive Surgery, San Diego, CA, May 1-5, 2004.
18. D Huang, RC Lin, Y Li, M Tang. "Screening for previous LASIK in eye bank corneas using optical coherence tomography." World Cornea Congress V, Washington DC, April 13-15, 2005.
19. D Huang, Y Li. "Mapping LASIK flap thickness with high-speed optical coherence tomography." Association for Research in Vision and Ophthalmology, Ft Lauderdale, FL, 2005, *Invest Ophthalmol Vis Sci*, Supplement 2005;46:Abstr#1077.
20. Y Li, MR Chalita, D Huang. "Measurement of lens curvature change during accommodation with high-speed optical coherence tomography." Association for Research in Vision and Ophthalmology, Ft Lauderdale, FL, 2005, *Invest Ophthalmol Vis Sci*, Supplement 2005;46:Abstr#2554.
21. RC Lin, Y Li, M Tang, D Huang. "Screening for previous LASIK in eye bank corneas using optical coherence tomography." Association for Research in Vision and Ophthalmology, Ft Lauderdale, FL, 2005, *Invest Ophthalmol Vis Sci*, Supplement 2005;46:Abstr#2744.
22. M Avila, Y Li, JC Song, D Huang. "High-speed optical coherence tomography for post-lasik management." Association for Research in Vision and Ophthalmology, Ft Lauderdale, FL, 2006, *Invest Ophthalmol Vis Sci*, Supplement 2006;47:Abstr#522.
23. M Tang, Y Li, M Avila, D Huang. "Corneal power change after LASIK assessed by high-speed optical coherence tomography." Association for Research in Vision and Ophthalmology, Ft Lauderdale, FL, 2006, *Invest Ophthalmol Vis Sci*, Supplement 2006;47:Abstr#583.
24. Y Li, M Tang, D Huang. "LASIK flap reflectivity analysis with optical coherence tomography." Association for Research in Vision and Ophthalmology, Ft Lauderdale, FL, 2006, *Invest Ophthalmol Vis Sci*, Supplement 2006;47:Abstr#4333.
25. J Schallhorn, M Tang, Y Li, D Huang. "Analysis of clear corneal incisions for cataract surgery using optical coherence tomography." Association for Research in Vision & Ophthalmology Annual Meeting, Fort Lauderdale, FL, .2007, *Invest Ophthalmol Vis Sci*, Supplement 2007;48:Abstr#1085.
26. BJ Reiser, J Schallhorn, M Tang, Y Li, D Huang. "Measuring the anterior corneal vault using the Visante anterior segment OCT: a novel diagnostic tool for keratoconus." Association for

- Research in Vision & Ophthalmology Annual Meeting, Fort Lauderdale, FL, 2007, *Invest Ophthalmol Vis Sci*, Supplement 2007;48:Abstr#1851.
27. F Memarzadeh, M Tang, Y Li, V Chopra, BA Francis, D Huang. "Anterior segment OCT for imaging the change in anterior chamber angle morphology after cataract surgery." Association for Research in Vision & Ophthalmology Annual Meeting, Fort Lauderdale, FL, 2007, *Invest Ophthalmol Vis Sci*, Supplement 2007;48:Abstr#3855.
 28. Y Li, M Tang, V Thakrar, DM Meisler, D Huang. "Keratoconus screening with high-speed optical coherence tomography." Association for Research in Vision & Ophthalmology Annual Meeting, Fort Lauderdale, FL, 2007, *Invest Ophthalmol Vis Sci*, Supplement 2007;48:Abstr#4019.
 29. M Tang, Y Li, D Huang. "An optical coherence tomography-based intraocular lens formula." Association for Research in Vision & Ophthalmology Annual Meeting, Fort Lauderdale, FL, 2007, *Invest Ophthalmol Vis Sci*, Supplement 2007;48:Abstr#5435.
 30. H-K V Ho, Y Li, M Tang, S Iyer, W May, D Huang. "Differential diagnosis of eccentric corneal steepening after hyperopic LASIK by optical coherence tomography." Association for Research in Vision & Ophthalmology Annual Meeting, Ft Lauderdale, FL, 2008, *Invest Ophthalmol Vis Sci*, Supplement 2008;48:Abstr#2810.
 31. Y Li, O Tan, M Tang, D Huang. "Corneal epithelial thickness mapping with fourier-domain optical coherence tomography." Association for Research in Vision & Ophthalmology Annual Meeting, Ft Lauderdale, FL, 2008, *Invest Ophthalmol Vis Sci*, Supplement 2008;48:Abstr#2813.
 32. V Chen-Espinoza, T Nakamura, Y Li, M Trousdale, JA Irvine, D Huang. "High-resolution optical coherence tomography of acanthamoeba keratitis." Association for Research in Vision & Ophthalmology Annual Meeting, Ft Lauderdale, FL, 2008, *Invest Ophthalmol Vis Sci*, Supplement 2008;48:Abstr#2818.
 33. JB Ramos, G Baikoff, Y Li, M Tang, D Huang. "Sensitivity of keratoconus screening with optical coherence tomography." Association for Research in Vision & Ophthalmology Annual Meeting, Ft Lauderdale, FL, 2008, *Invest Ophthalmol Vis Sci*, Supplement 2008;48:Abstr#3273.
 34. J Schallhorn, M Tang, Y Li, D Huang. "Keratoconus, corneal refractive index changes in keratoconus." Association for Research in Vision & Ophthalmology Annual Meeting, Ft Lauderdale, FL, 2008, *Invest Ophthalmol Vis Sci*, Supplement 2008;48:Abstr#4345.
 35. CR Salaroli, Y Li, JLB Ramos, D Huang. "Repeatability of LASIK flap measurement with Fourier-domain optical coherence tomography." Association for Research in Vision & Ophthalmology Annual Meeting, Ft Lauderdale, FL, May 3-7, 2009, *Invest Ophthalmol Vis Sci*, Supplement 2009; Abstr#589
 36. D Huang, M Tang, Y Li. "Quantification of keratoconic focal thinning on pachymetry maps by fitting of Gaussian waveform." Association for Research in Vision & Ophthalmology Annual Meeting, Ft Lauderdale, FL, May 3-7, 2009, *Invest Ophthalmol Vis Sci*, Supplement 2009; Abstr#3548.
 37. Y Li, D Huang. "Pupil size and iris thickness difference between Asians and Caucasians measured by optical coherence tomography." Association for Research in Vision & Ophthalmology Annual Meeting, Ft Lauderdale, FL, May 3-7, 2009, *Invest Ophthalmol Vis Sci*, Supplement 2009; Abstr#5785.
 38. M Tang, Y Li, D Huang. "Corneal topography and power measurement with optical coherence tomography." Association for Research in Vision & Ophthalmology Annual

Meeting, Ft Lauderdale, FL, May 3-7, 2009, *Invest Ophthalmol Vis Sci*, Supplement 2009; Abstr#5791.

39. MC Bujak, D Huang, SR Satta, Y Li, P Nguyen, RK Pappuru, S Yiu. "Serial measurement of tear meniscus by Fourier-domain optical coherence tomography after instillation of artificial tears in patients with dry eyes." Association for Research in Vision & Ophthalmology Annual Meeting, Ft Lauderdale, FL, May 2-6, 2010, *Invest Ophthalmol Vis Sci*, Supplement 2010; Abstr#3374.
40. P Nguyen, D Huang, SR Satta, RR Pappuru, S Ramos, Y Li, SC Yiu. "Correlation between optical coherence tomography tear meniscus parameters and schirmer's test and tear break-up time." Association for Research in Vision & Ophthalmology Annual Meeting, Ft Lauderdale, FL, May 2-6, 2010, *Invest Ophthalmol Vis Sci*, Supplement 2010; Abstr#3376.
41. M Tang, Y Li, D Huang. "Intraocular lens power calculation based on Fourier-domain optical coherence tomography." Association for Research in Vision & Ophthalmology Annual Meeting, Ft Lauderdale, FL, May 2-6, 2010, *Invest Ophthalmol Vis Sci*, Supplement 2010; Abstr#5692.
42. NM Samy El Gendy, Y Li, D Huang, X Zhang. "Pachymetric mapping repeatability using Fourier-domain optical coherence tomography in corneal opacities." Association for Research in Vision & Ophthalmology Annual Meeting, Ft Lauderdale, FL, May 2-6, 2010, *Invest Ophthalmol Vis Sci*, Supplement 2010; Abstr#5816.
43. Y Li, O Tan, D Huang. "Corneal epithelial thickness mapping in normal and keratoconic eyes with Fourier-domain optical coherence tomography." Association for Research in Vision & Ophthalmology Annual Meeting, Ft Lauderdale, FL, May 2-6, 2010, *Invest Ophthalmol Vis Sci*, Supplement 2010; Abstr#5819.

CONFERENCE PROCEEDINGS

1. Y Li, O Tan, HL Duan. A knowledge-based system for Segmentation and Classification of MR Images. Proceeding of Computer Assisted Radiology and Surgery, 567-571, 2000.6-7
2. O Tan, Y Li, HL Duan, WX Lu. Knowledge-based Tumor Segmentation in MR Images. Proceedings of IEEE-EMBS Asia-Pacific Conference on Biomedical Engineering. 256-257, 2000.9
3. Y Li, O Tan, HL Duan, WX Lu. Comparison of Image Fusion Methods in Atlas-based Medical Image Analysis. Proceedings of IEEE-EMBS Asia-Pacific Conference on Biomedical Engineering, 290-291, 2000.9
4. Y Li, R Shekhar, D Huang. Segmentation of 830- and 1310-nm LASIK corneal optical coherence tomography images. In: Sonka M, Fitzpatrick JM, eds. Medical Imaging 2002: Image Processing. Proceedings of SPIE Vol. 4684; 2002: 167-78

INVITED LECTURES

1. Frontiers in Optics 2005, the 89th OSA annual meeting, Laser Science XXI, Tucson, Arizona. "Corneal and anterior segment optical coherence tomography." Oct. 16-20, 2005.
2. School of Ophthalmology and Optometry, Wenzhou Medical College, Wenzhou, China. "Anterior segment optical coherence tomography." Jun. 26, 2008.

CONFERENCE PLATFORM PRESENTATIONS

1. Y Li. Segmentation of 830- and 1310-nm LASIK corneal optical coherence tomography images. At the SPIE Medical Imaging Society's 2002 Annual Meeting, San Diego, CA, February 25, 2002.
2. Y Li. LASIK flap reflectivity analysis with optical coherence tomography. At the Association for Research in Vision and Ophthalmology's 2006 Annual Meeting, Ft Lauderdale, FL. Apr. 30 – May 4, 2006.
3. Y Li. Keratoconus screening with high-speed optical coherence tomography. At the Association for Research in Vision and Ophthalmology's 2007 Annual Meeting, Ft Lauderdale, FL. May 6-10, 2007.
4. Y Li. Corneal epithelial thickness mapping in normal and keratoconic eyes with Fourier-domain optical coherence tomography. At the Association for Research in Vision and Ophthalmology's 2010 Annual Meeting, Ft Lauderdale, FL. May 2-6, 2010.