

Curriculum Vitae (CV)

Touka Banaee M.D

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DOB: 5^h June 1967

Place of birth: Mashhad, Iran.

Gender: female.

Education and Certifications

- Clinical Fellow in vitreoretinal surgery at University of Texas Medical Branch at Galveston. (January 2019- expected time of finish: December 2020).
- Fellowship in Diseases and Surgery of Vitreous and Retina: Shahid Beheshti University of Medical Sciences, Labbafinejad Medical Center, Tehran, Iran. (1999-2001)
- Specialty in Ophthalmology (National Board Certification): Mashhad University of Medical Sciences, Iran. (1993-1997)
- General Medicine (MD degree): Mashhad University of Medical Sciences, Iran (1986-1993).
- ECFMG certification (FMGEMS examinations + USMLE step 2 CS).

Academic Appointments

- Associate Professor of Ophthalmology, Mashhad University of Medical Sciences (2010-Present).
- Assistant Professor of Ophthalmology, Mashhad University of Medical Sciences (2001-2010).

Work Experience

- Research Fellow at University of Texas Medical Branch in Galveston, Department of Ophthalmology (July 2018-Dec 2018).
- A team member of “Whole Eye Transplant” research, Plastic Surgery Department of UPMC (July 2017- May 2018).
- Observership in Retinal Diseases, Cleveland Clinic, Cleveland, Ohio (April 2016-May 2017).
- Faculty member, Medical School, Mashhad University of Medical Sciences, Mashhad, Iran (2001-present).

- Consultant Vitreoretinal Specialist, Khatam-al-Anbia Eye Hospital, Mashhad University of Medical Sciences (2003- present).
- Director of Student Research Committee of Eye Research Center, Mashhad University of Medical Sciences (2007-2010).
- Member of Founding Committee of Eye Research Center, Mashhad University of Medical Sciences (2006).
- Consultant of Ophthalmology/ Vitreoretinal Diseases and Surgery, Emam-Reza Hospital, Mashhad University of Medical Sciences (2001- 2003).
- Consultant of Ophthalmology/ Vitreoretinal Diseases and Surgery, Ghaem Medical Center, Mashhad University of Medical Sciences (2001- 2003).
- Observership in Retinal Diseases, Moorfields Eye Hospital, London (2000).
- Observership in Ocular Oncology, Saint Bartholomew Hospital, London (2000).
- Fellowship in Diseases and Surgery of Retina and Vitreous, Labbafinejad Medical Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran (1999-2001).
- Consultant Ophthalmologist, Shahid Hasheminejad General Hospital, Mashhad University of Medical Sciences, Mashhad, Iran (1998-1999).
- Lecturer of anatomy, pharmacology, and physiology for Optometry students, Mashhad University of Medical Sciences, Mashhad, Iran (1998-1999).
- Consultant Ophthalmologist, Shahid Beheshti General Hospital, Fatemieh University of Medical Sciences, Qom, Iran (1997).
- Chief resident in Ophthalmology Residency Course: Department of Ophthalmology, Emam Reza Hospital, Mashhad University of Medical Science, Iran (1996-1997).

Executive Positions

- Head of Examination Committee, Department of Ophthalmology, Mashhad University of Medical Sciences (2013-2015).
- Board Member, Examination Committee, Department of Ophthalmology, Mashhad University of Medical Sciences (2007- 2013).
- Library Director, Khatam-al-anbia Eye Hospital, Mashhad University of Medical Sciences (2003-2015).
- Associate Editor, Journal of Ophthalmic and Vision Research (2015- present).
- Section Editor of the Retina and Retinal Cell Biology Section, Journal of Ophthalmic and Vision Research (2011- 2015).
- Section Editor of the Surgical Technique Section, Journal of Ophthalmic and Vision Research (2009- 2011).
- Member of the scientific board of Annual Congresses of The Iranian Society of Ophthalmology (2010- present).
- Board Member of the Retina Research Center, Mashhad University of Medical Sciences, (2011-present).
- Member of the Eye Research Center, Mashhad University of Medical Sciences (2007-present).
- Board Member of Eye Research Center, Mashhad University of Medical Sciences (2007-2011).

Professional Society Memberships

- Iranian Medical Society (1993-present).
- Iranian Society of Ophthalmology (1997-present).
- Iranian Society of Vitreoretinal Surgeons (2001-present).
- Middle East African Association of Vitreoretinal Surgeons since 2009.
- Middle East African Society of Ophthalmology (MEACO) since 2009.
- European Vision and Eye Research (EVRs) 2011.
- American Academy of Ophthalmology (AAO) 2012.
- American Society of Retinal Surgeons since (ASRS) 2016.

Research interests

- Image Processing in Diseases of the Retina
- Diabetic Retinopathy
- Vitreoretinal Surgery

Honors & Awards

- Second rank in Poster Presentation, 5th. Annual Congress of the Iranian Research Association for Vision and Ophthalmology, 5-6 March 2015, Razi Convention Center, Tehran, Iran.
- First rank in Oral presentations, 19th Congress of the Iranian Society of Ophthalmology. 16-19 Nov. 2009 Tehran Iran.
- Third rank in the Iranian National Board Examination of Ophthalmology (1997).
- First rank in the National Pre-Internship examination (1991).
- Third rank in the National Examination for Entering Higher Educational Centers (1985).

Achievements and Milestones

- Pioneered DR screening program in Iran.
- Pioneered DR Tele- screening program in Iran (in combination with the EIARG group).
- Pioneered Automated Detection of Diabetic Retinopathy in Iran (in combination with the EIARG group).
- Founder of the EIARG group in conjunction with Computer Scientists from Ferdowsi University of Mashhad, ([www. EIARG.um.ac.ir](http://www.EIARG.um.ac.ir))
- Founder of the Student Committee of Eye Research Center, Mashhad University of Medical Sciences (2007).

Innovations

- Technique of Radial Cuts for Removal of Traumatic Cyclitic Membranes.
- Modification of Scleral Buckling Surgery in Eyes with Trabeculectomy Bleb.

- Modifications in Pars Plana Vitrectomy.

International Publications

1. **Banaee T**, Singh RP, Champ K, Conti FF, Wai K, Bena J, Beven L, Ehlers JP. Ellipsoid Zone Mapping Parameters In Retinal Venous Occlusive Disease With Associated Macular Edema. *Ophthalmol Retina*. 2018 Aug;2(8):836-841. doi: 10.1016/j.oret.2017.11.009. Epub 2018 Jan 6.
2. Tsai G, **Banaee T**, Conti FF, Singh RP. Optical Coherence Tomography Angiography in Eyes with Retinal Vein Occlusion. *J Ophthalmic Vis Res*. 2018 Jul-Sep;13(3):315-332. doi: 10.4103/jovr.jovr_264_17. Review.
3. Shoeibi N, Hosseini SM, **Banaee T**, Ansari-Astaneh MR, Abrishami M, Ahmadi H. Vitreous changes after intravitreal bevacizumab monotherapy for retinopathy of prematurity: a case series. *Int J Retina Vitreous*. 2018 Mar 19;4:10. doi: 10.1186/s40942-018-0113-3. eCollection 2018.
4. Ashraf M, **Banaee T**, Silva FQ, Singh RP. Switching Anti-Vascular Endothelial Growth Factors in Refractory Neovascular Age-Related Macular Degeneration. *Ophthalmic Surg Lasers Imaging Retina*. 2018 Mar 1;49(3):166-170.
5. **Banaee T**, Pourreza H, Doosti H, Abrishami M, Ehsaei A, Basiry M, Pourreza R. Distribution of Different Sized Ocular Surface Vessels in Diabetics and Normal Individuals. *J Ophthalmic Vis Res*. 2017 Oct-Dec;12(4):361-367. doi: 10.4103/jovr.jovr_238_16.
6. **Banaee T**, Ashraf M, Conti FF, Singh RP. Switching Anti-VEGF Drugs in the Treatment of Diabetic Macular Edema. *Ophthalmic Surg Lasers Imaging Retina*. 2017 Sep 1;48(9):748-754. doi: 10.3928/23258160-20170829-10.
7. **Banaee T**, Ansari-Astaneh MR, Pourreza H, Faal Hosseini F, Vatanparast M, Shoeibi N, Jami V. Utility of 1% Tropicamide in Improving the Quality of Images for Tele-Screening of Diabetic Retinopathy in Patients with Dark Irides. *Ophthalmic Epidemiol*. 2017 Jun 28;1-5. doi: 10.1080/09286586.2016.1274039. [Epub ahead of print]
8. **Banaee T**, Shafiee M, Alizadeh R, Naseri MH: Changes in Corneal Thickness and Specular Microscopic Indices in Acute Unilateral Anterior Uveitis. *Ocul Immunol Inflamm* 2016, 24:288-292.
9. Moradian S, Ahmadi H, Faghihi H, Ramezani A, Entezari M, **Banaee T**, et al.: Comparison of four surgical techniques for management of pseudophakic and aphakic retinal detachment: a multicenter clinical trial. *Graefes Arch Clin Exp Ophthalmol* 2016;254:1743-1751.
10. Gharavi Fard M, Sabzevari A, **Banaee T**, Parizad L: The relation between oxygen saturation level and retinopathy of prematurity. *Reviews in Clinical Medicine* 2016, 3:43-47.
11. **Banaee T**, Shoeibi N, Ghavam Saeedi H: Effects of intravitreal bevacizumab injection on the clinical manifestations of nonproliferative diabetic retinopathy in patients with macular edema: a systematic review. *Reviews in Clinical Medicine* 2016, 3:63-68.
12. Aghamohamadian-Sharbat M, Pourreza HR, **Banaee T**: A Novel Curvature-Based Algorithm for Automatic Grading of Retinal Blood Vessel Tortuosity. *IEEE journal of biomedical and health informatics* 2016, 20:586-595.
13. **Banaee T**, Hosseini, S.M., Optical Coherence Tomography Features in Idiopathic Retinal Vasculitis, Aneurysms and Neuroretinitis Syndrome. *J Ophthalmic Vis Res* 2015;10, 193-196.

14. **Banaee T.**, Re: Staurenghi et al.: Proposed lexicon for anatomic landmarks in normal posterior segment spectral-domain optical coherence tomography: the IN*OCT consensus (Ophthalmology 2014;121:1572-8). *Ophthalmology* 122, e40.
15. **Banaee T**, Hosseini SM, Helmi T, Ghooshkhane H. Encircling Narrow Band versus Buckle for Retinal Detachments with Intrabasal or Unseen Retinal Breaks. *J Ophthalmic Vis Res*. 2015 Jan-Mar;10(1):55-9. doi: 10.4103/2008-322X.156112.
16. Imani E, Pourreza HR, **Banaee T**. Fully automated diabetic retinopathy screening using morphological component analysis. *Comput Med Imaging Graph*. 2015 Jul; 43:78-88. doi: 10.1016/j.compmedimag.2015.03.004. Epub 2015 Mar 21.
17. **Banaee T**. Comment on 'Distribution of normal superficial ocular vessels in digital images'. *Cont Lens Anterior Eye* 2014; 37(6):473.
18. Fazlinezhad A, **Banaee T**, Azari A, Bigdelu L, Amini M. Role of Transthoracic Echocardiography in the Evaluation of Patients with Retinal Vein Occlusion. *Journal of Cardio-Thoracic Medicine* 2014; 2(1):127-33.
19. **Banaee T**, Ehsaei A, Pourreza H, Khajedaluee M, Abrishami M, Basiri M, Daneshvar Kakhki R, Pourreza R. Distribution of normal superficial ocular vessels in digital images. *Cont Lens Anterior Eye* 2014; 37(1):11-15.
20. **Banaee T**, Daneshvar Kakhki R, Abrishami M, Mahmoudi M, Farzadnia M. Higher titers of anti-Chlamydia pneumoniae IgG in diabetic retinopathy: a cross-sectional study. *Diabetes Metab Res Rev* 2014.
21. **Banaee T**. A Simple Method for Removal of Particles from the Retinal Surface during Vitrectomy. *J Ophthalmic Vis Res* 2014;9(2):285-6.
22. Abrishami M, Moosavi MN, Zarei-Ghanavati S, **Banaee T**, Zarei-Ghanavati M. Nicotinic Acid Treatment for Retinal Vein Occlusion. *Patient Saf Qual Improv* 2014; 2(1), 36-43.
23. Nikoofal-Sahlabadi S, Mohajeri SA, **Banaee T**, Abedini E, Malaekheh-Nikouei B. Evaluation of cyclosporine A eye penetration after administration of liposomal or conventional forms in animal model. *Nanomedicine Journal* 2013; 1(1):48-54.
24. Tavakoli M, Shahri RP, Pourreza H, Mehdizadeh A, **Banaee T**, Bahreini Toosi MH. A complementary method for automated detection of microaneurysms in fluorescein angiography fundus images to assess diabetic retinopathy. *Pattern Recognition* 2013; 46(10):2740-53.
25. Ramezani A, Lashay A, Mansour AM, **Banaee T**. Unilateral decreased vision in a middle-aged man. *J Ophthalmic Vis Res* 2013; 8(1):66-71.
26. **Banaee T**, Ansari-Astaneh MR. Re: Removal of silicone oil: prognostic factors and incidence of retinal redetachment. *Retina* 2013;33(9):1995.
27. Mosallaei N, **Banaee T**, Farzadnia M, Abedini E, Ashraf H, Malaekheh-Nikouei B. Safety evaluation of nanoliposomes containing cyclosporine a after ocular administration. *Curr Eye Res* 2012; 37(6):453-6.
28. **Banaee T**, Daneshvar R, Sakhaee M, Rostaminejad V, Safarpanah M, Incidence and Clinical Features of Endophthalmitis following Open Globe Injury in Khatam-al-Anbia Hospital, Mashhad, *Iranian Journal of Ophthalmology*; 2012;24(4): 45-51.

29. Khakshoor H, Daneshvar R, **Banaee T**, Tabatabaee Yazdi SA, Hasanzadeh Nazarabadi M, Moosavi M, Tavassoli F, Mahdavi R. A distinct autosomal recessive ocular anomaly in Chaharborj, Islamic Republic of Iran. *East Mediterr Health J* 2012; 18(1):24-30.
30. **Banaee T**, Eslampoor A, Rad SS. A simple way to clear the media for vitrectomy in eyes with corneal edema. *J Ophthalmic Vis Res* 2012;7(1):88-90.
31. **Banaee T**. Early decomposition of retained heavy silicone oil droplets. *J Ophthalmic Vis Res* 2012; 7(1):64-6.
32. Zarei-Ghanavati S, **Banaee T**, Abrishami M, Dehghani A. Macular disease affects the outcome of ZyWave aberrometry. *Ophthalmic Surg Lasers Imaging* 2011; 42 (1):26-30.
33. Hedayatfar A, **Banaee T**. Multifocal choroiditis in a diabetic patient. *J Ophthalmic Vis Res* 2011;6(4):348-52.
34. Malaekheh-Nikouei B, **Banaee T**, Aghamohammadian J, Mosallaei N, Mohajeri SA. Quantitative LC Analysis of Cyclosporine A in Ocular Samples. *Chromatographia* 2011; 73 (7-8):817-21.
35. **Banaee T**, Sagheb S. Scleral fixation of intraocular lens in eyes with history of open globe injury. *J Pediatr Ophthalmol Strabismus* 2011; 48(5):292-7.
36. Arevalo JF, Berrocal MH, Arias JD, **Banaee T**. Minimally invasive vitreoretinal surgery: is sutureless vitrectomy the future of vitreoretinal surgery? *J Ophthalmic Vis Res* 2011; 6(2):136-44.
37. **Banaee T**, Sharepoor M. Foveal Protection with Viscoelastic Material during Removal of Posterior Segment Foreign Bodies. *J Ophthalmic Vis Res* 2010;5(1):68-70.
38. **Banaee T**, Hosseini SM, Ghooshkhaneh H, Moosavi M, Khayyat-zadeh-Kakhki S. Anatomical and visual outcomes of three different scleral buckling techniques. *J Ophthalmic Vis Res* 2009; 4(2):90-6.
39. **Banaee T**, Hosseini SM, Eslampoor A, Abrishami M, Moosavi M. Peripheral 360 degrees retinectomy in complex retinal detachment. *Retina* 2009; 29(6):811-8.
40. **Banaee T**. A simple step to preserve superior conjunctiva during encircling scleral buckling. *Retina* 2009; 29(10):1535.
41. Bakhshae M, **Banaee T**, Ghasemi MM, Nourizadeh N, Shojaee B, Shahriari S, Tayarani HR. Ophthalmic disturbances in children with sensorineural hearing loss. *Eur Arch Otorhinolaryngol* 2009; 266(6):823-5.
42. **Banaee T**, Gharaee H, Khajeh Daluee M, Shokoohi-Rad S, Abrishami M. Alterations of Tear Film after Vitrectomy and its Influencing Factors. *Iranian Journal of Ophthalmology* 2008; 20(1):32-6.
43. **Banaee T**, Ahmadi H, Abrishami M, Moosavi M. Removal of traumatic cyclitic membranes: surgical technique and results. *Graefes Arch Clin Exp Ophthalmol* 2007; 245(3):443-7.
44. Abrishami M, Heravian J, Derakhshan A, Moosavi M, **Banaee T**, Daneshvar R, Moghaddam HO. Abnormal Cambridge low-contrast grating sensitivity results associated with diabetic retinopathy as a potential screening tool. *East Mediterr Health J* 2007; 13(4):810-8.
45. Kargozar A, Saber Moghaddam AS, **Banaee T**, Khakshoor H, Eslampoor AR. Isolated traumatic laceration of the superior oblique muscle: report of 2 cases. *Asian Journal of Ophthalmology*. 2007; 9:259-262.

46. Ahmadi H, **Banaee T**, Javadi MA, Jafarinasab MR, Yazdani S, Sajjadi H. Vitreoretinal disorders in anterior megalophthalmos. *Jpn J Ophthalmol* 2006; 50 (6):515-23.
47. **Banaee T**, Afzali Sh. Silicone oil removal from aphakic eyes using a side irrigating cannula. *Iranian J Ophthalmic Res* 2006; 1(2):113-115.
48. **Banaee T**, Abrishami M, Daneshvar-Kakhki R, Zarei-Ghanavati S, Mahmoudi M. Chlamydia pneumonia and proliferative diabetic retinopathy: serologic evidences in a pilot study. *Iranian Journal of Ophthalmology* 2006; 19(2):19-26.
49. Ahmadi H, Moradian S, Faghihi H, Parvaresh MM, Ghanbari H, Mehryar M, Heidari E, Behboudi H, **Banaee T**, Golestan B. Anatomic and visual outcomes of scleral buckling versus primary vitrectomy in pseudophakic and aphakic retinal detachment: six-month follow-up results of a single operation--report no. 1. *Ophthalmology* 2005; 112 (8):1421-9.
50. Abrishami M, Zarei Ghanavati S, **Banaee T**, Ahmadian MH, Moosavi MN. Nicotinic Acid in Retinal Vein Occlusion. *Iranian Journal Of Ophthalmology* 2005; 18(3), 64-74.
51. Moosavi MN, Abrishami M, **Banaee T**, Zarei Ghanavati S. Ocular manifestations in adult leukemia. *Iranian Journal of Ophthalmology* 2004; 17(3), 92-96.
52. **Banaee T**, Ahmadi H, Ciardella AP. Crystalline retinopathy associated with retinal dialysis and chronic retinal detachment. *Retina* 2003; 23(6):887; Letter to the editor.

Persian Language Publications

Eighteen papers in Persian language published in national scientific journals – available upon request.

International Presentations

1. **Banaee t**, Kellogg C, Alwan Sh, Kornblau I, El-Annan J. PRN Cycles of Three Monthly Anti-VEGF Injections in Neovascular AMD: 12- and 24-Month Results in naïve eyes. ASRS Annual Meeting, 26-30 July 2019, Chicago, IL.
2. **Banaee T**, Kellogg C, Alwan Sh, Kornblau I, El-Annan J. One and two year results of three monthly PRN cycles of anti-VEGF injection in neovascular AMD. 2nd World Retina Congress. 21-24 March 2019, Fort Lauderdale, FL.
3. Miller MR, Noori J, **Banaee T**, Wang Y, Komatsu C, Li B, Chen W, Lathrop KL, Barnett J, Schuman JS, Zhang W, Solari MG, Eller AW, Washington KM. Retinochoroidal Blood Flow is Demonstrated in an Orthotopic Vascularized Whole Eye Transplant Model. Investigative Ophthalmology & Visual Science. 2018 Jul 13;59(9):4999- 51st.Retina Society Meeting, 12-15 September 2018, San Fransisco, CA.
4. Komatsu C, Noori J, Miller MR, Wang Y, **Banaee T**, Li B, Barnett J, Chen W, Lathrop KL, Rosner IA, Zhang W. Solari MG, Eller AW, Washington KM. Abstract QS29: Study of the Retinochoroidal Circulation with Fluorescein Angiography in a Rodent Orthotopic Whole Eye Transplantation Model. Plastic and Reconstructive Surgery Global Open. 2018 Apr;6(4 Suppl).
5. **Banaee T**, Wai K, Beven L, Champ K, Ehlers JP, Singh JP. Correlation Of Baseline Ellipsoid Zone Parameters With The Degree Of Macular Edema In Retinal Vein Occlusion. ARVO Congress, 7-11 May 2017, Baltimore, MD.

6. **Banaee T**, Pourreza H, Ghavamsaeedi H, Imani E. Early Detection of Regression of Diabetic Retinopathy Following Anti-VEGF Therapy. Video presentation. 1st Retina World Congress, 22-26 Feb 2017 Fort Lauderdale, Fl.
7. Omid Tabrizi A, **Banaee T**, Ghavami Ghanbarabadi V. Long Term Intraocular Pressure Changes after Pars Plana Vitrectomy: An 8 Year Study. 1st. International Congress on Recent Concepts in Glaucoma. 25-27th March 2015, Pardisan Hotel, Mashhad, Iran.
8. Daneshvar R, Hosseinzadeh A, **Banaee T**, Alizadeh R, Mehdizadeh AR, Esmaili A. Determination of Branching Angle of Retinal Arteries in Glaucomatous and Normal Variants. 1st. International Congress on Recent Concepts in Glaucoma. 25-27th March 2015, Pardisan Hotel, Mashhad, Iran.
9. **Banaee T**. Delayed onset endophthalmitis after trabeculectomy. 1st. International Congress on Recent Concepts in Glaucoma. 25-27th March 2015, Pardisan Hotel, Mashhad, Iran.
10. Pourreza HR, Pourreza M, **Banaee T**. Simple and efficient method to measure vessel tortuosity. Computer and Knowledge Engineering (ICCKE), 3th International eConference on: IEEE, 2013.
11. Golestani Sh, **Banaee T**, Daneshvar R, Nabavi A. Retinal bifurcation angles in severe non-proliferative diabetic retinopathy, Invest Ophthalmol Vis Sci 2013;54: E-Abstract 2422.
12. **Banaee T**. Technique and Results of Surgery for Traumatic Cyclitic Membranes, WOC (World Ophthalmology Congress) 16-20 February, Abu Dhabi, United Arab Emirates, 2012.
13. **Banaee T**. Results of Placement of Encircling Narrow Band in Retinal Detachments with Intrabasal or Unseen Retinal Breaks, WOC (World Ophthalmology Congress) 16-20 February, Abu Dhabi, United Arab Emirates, 2012.
14. Zabihi SM, Pourreza HR, **Banaee T**. Vessel Extraction of Conjunctival Images Using LBPs and ANFIS. ISRN Machine Vision 2011.
15. Ghadiri F, Pourreza H, **Banaee T**. A novel automatic method for vessel tortuosity evaluation. Systems, Signals and Image Processing (IWSSIP), 19th International Conference on: IEEE, 2012.
16. Ghadiri F, Zabihi SM, Pourreza HR, **Banaee T**. A novel method for vessel detection using Contourlet Transform. Communications (NCC), National Conference on: IEEE, 2012.
17. **Banaee T**, Pourreza HR, Khajeh dalouee M, Daneshvar Kakhki R, Basiri M and Abrishami M. Documentation of distribution of normal conjunctival vessels and their changes by mild irritation of photography using automated algorithm. Acta Ophthalmologica: the 2011 European Association for Vision and Eye Research Conference, Volume 89, Issue Supplement s248, page 0, September 2011.
18. Tavakoli M, Mehdizadeh AR, Pourreza R, Pourreza HR, **Banaee T**, Toosi MH. Radon transform technique for linear structures detection: Application to vessel detection in fluorescein angiography fundus images. Nuclear Science Symposium and Medical Imaging Conference (NSS/MIC), IEEE, 2011.
19. Tavakoli M, Toosi MHB, Pourreza R, **Banaee T**, Pourreza HR. Automated optic nerve head detection in fluorescein angiography fundus images. Nuclear Science Symposium and Medical Imaging Conference (NSS/MIC), IEEE, 2011.
20. Ghadiri F, Pourreza H, **Banaee T**, Delgir M. Retinal vessel tortuosity evaluation via Circular Hough Transform. Biomedical Engineering (ICBME), 2011 18th Iranian Conference of: IEEE, 2011.
21. Mirsharif G, Tajeripour F, Sobhanmanesh F, Pourreza H, **Banaee T**. Sch. of Electr. & Comput. Eng., Shiraz Univ., Shiraz, Iran. Computer and Knowledge Engineering (ICCKE), 1st International eConference on: IEEE, 2011.

22. H Ahmadiéh, **Banaee T**, Behboudi H, Ramezani A, Movaseghi M, Rostami P, Yaseri M. Effect of Combined 5-Fluorouracil, Low Molecular Weight Heparin, Dexamethasone and Oral Colchicine on the Retinal Reattachment Rate in Established PVR. Euretina Congress. 2-5 September 2010, Paris.
23. Pourreza R, Pourreza H, **Banaee T**. Segmentation of blood vessels in fundus color images by Radon transform and morphological reconstruction. Advanced Computational Intelligence (IWACI), Third International Workshop on: IEEE, 2010.
24. Pourreza R, **Banaee T**, Pourreza H, Kakhki RD. A Radon transform based approach for extraction of blood vessels in conjunctival images. In: MICAI 2008: Advances in Artificial Intelligence: Springer, 2008.
25. Ahmadiéh H, Tabatabaei H, Fegghi M, Papei A, Ramezani A, **Banaee T**. Triamcinolone Acetonide in silicone filled eyes as adjunctive treatment for Proliferative vitreoretinopathy; a Randomized Clinical Trial. Cannes Retina Festival. 24th Annual ASRS meeting, 6th Annual EVRS meeting. Sep 9-13 2006, Cannes France.
26. **Banaee T**. Results of 360 degrees retinotomy performed in Mashhad. . 20th APAO congress. Kuala Lumpur 2005.
27. **Banaee T**, Moosavi MN, Sharifi M. Technique and results of surgery for removal of traumatic cyclitic membranes in Imam Reza and Ghaem hospitals Mashhad. 20th APAO congress. Kuala Lumpur 2005.
28. **Banaee T**. Technique and results of surgery for removal of traumatic cyclitic membranes in Imam Reza and Ghaem hospitals Mashhad. The 11th UAE International Ophthalmic Conference and Exhibition .Dubai 2003.
29. Khakshoor H, **Banaee T**, Froozanfar E, Khakshoor A, Esmaili H. Keratorefractive surgery in keratoconus. XXI congress of the ESCRS.2003, Munich, Germany.
30. Khakshoor H, **Banaee T**. Keratorefractive surgery in keratoconus. XII Congress European Society of Ophthalmology. Stockholm-Sweden. June 1999.

Presentations in Persian

Over 130 oral and poster presentations in national Iranian congresses / meetings. (Available upon request)

International Book Chapters:

1. **Banaee T**. Vitrectomy in Open Globe Injuries. In: VITRECTOMY. Zongming Song (ed.), 2012. InTech publisher.
2. **Banaee T**. Retinotomy/Retinectomy. In: VITRECTOMY. Zongming Song (ed.), 2012. InTech publisher.
3. Imani E, Pourreza HR, **Banaee T**: Retinal Image Quality Assessment Using Shearlet Transform. In: Integral Methods in Science and Engineering ,Edited by Constanda. C, Kirsch A 2015. pp. 329-339.Springer.

Books in Persian

Banaee T, Mousavi MN, Farrokh Tehrani D. Ocular Complications of Diabetes Mellitus. 2010, Zavvar Publisher, Mashhad, Iran.