

Publikationsliste

Originalarbeiten

Erst-/Letztautorenschaften

- 1) **Hoehn R**, Zeller T, Verhoeven VJ, Grus F, Adler M, Wolfs RC, Uitterlinden AG, Castagne R, Schillert A, Klaver CC, Pfeiffer N, Mirshahi A.:
Population-based meta-analysis in Caucasians confirms association with COL5A1 and ZNF469 but not COL8A2 with central corneal thickness.
Hum Genet. 2012 Nov;131(11):1783-93. PMID: 22814818. DOI: [10.1007/s00439-012-1201-3](https://doi.org/10.1007/s00439-012-1201-3)
- 2) **Höhn R**, Mirshahi A, Zwiener I, Laubert-Reh D, Pfeiffer N:
Hängt der Intraokulardruck mit dem Blutdruck zusammen? Ergebnisse der Gutenberg Gesundheitsstudie und Übersicht über aktuelle Studienlage
Ophthalmologie. 2013 Mar;110(3):218-23. PMID: 23504094. DOI: [10.1007/s00347-013-2796-z](https://doi.org/10.1007/s00347-013-2796-z)
- 3) **Hoehn R**, Mirshahi A, Hoffmann EM, Kottler UB, Wild PS, Laubert-Reh D, Pfeiffer N:
Distribution of intraocular pressure and its association with ocular features and cardiovascular risk factors: the Gutenberg Health Study.
Ophthalmology. 2013 May;120(5):961-8. PMID: 23399374. • DOI: [10.1016/j.ophtha.2012.10.031](https://doi.org/10.1016/j.ophtha.2012.10.031)
- 4) Verhoeven VJ, Hysi PG, Wojciechowski R, Fan Q, Guggenheim JA, **Höhn R** et al:
Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia.
Nat Genet. 2013 Mar;45(3):314-8. PMID: 23396134. DOI: [10.1038/ng.2554](https://doi.org/10.1038/ng.2554)
- 5) Springelkamp H, **Höhn R** et al:
Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process.
Nat Commun. 2014 Sep 22;5:4883. PMID: 25241763. DOI: [10.1038/ncomms5883](https://doi.org/10.1038/ncomms5883)
- 6) **Höhn R**, Kottler U, Peto T, Blettner M, Münzel T, Blankenberg S, Lackner KJ, Beutel M, Wild PS, Pfeiffer N.:
The ophthalmic branch of the Gutenberg Health Study: study design, cohort profile and self-reported diseases.
PLoS One. 2015 Mar 16;10(3):e0120476. PMID: 25775251. DOI: [10.1371/journal.pone.0120476](https://doi.org/10.1371/journal.pone.0120476)

7) **Höhn R**, Mirshahi A, Nickels S, Schulz A, Wild PS, Blettner M, Pfeiffer N.: *Cardiovascular medication and intraocular pressure: results from the Gutenberg Health Study.*

Br J Ophthalmol. 2017 Dec;101(12):1633-1637. PMID: 28404666. DOI: [10.1136/bjophthalmol-2016-309993](https://doi.org/10.1136/bjophthalmol-2016-309993)

8) **Höhn R**, Nickels S, Schuster AK, Wild PS, Münzel T, Lackner KJ, Schmidtman I, Beutel M, Pfeiffer N.

Prevalence of glaucoma in Germany: results from the Gutenberg Health Study.

Graefes Arch Clin Exp Ophthalmol. 2018 Sep;256(9):1695-1702. PMID: 29774418. DOI: [10.1007/s00417-018-4011-z](https://doi.org/10.1007/s00417-018-4011-z)

9) Kucur SS, Häckel S, Stapelfeldt J, Odermatt J, Iliev ME, Abegg M, Sznitman R, **Höhn R** *Comparative Study between the SORS and Dynamic Strategy Visual Field Testing Methods on Glaucomatous and Healthy Subjects.*

Transl Vis Sci Technol. 2020 Dec 2;9(13):3. PMID: 33344047. DOI: [10.1167/tvst.9.13.3](https://doi.org/10.1167/tvst.9.13.3)

Co-Autorenschaften

10) Verhoeven VJ et al (Höhn R):

Large scale international replication and meta-analysis study confirms association of the 15q14 locus with myopia. The CREAM consortium.

Hum Genet. 2012 Sep;131(9):1467-80. PMID: 22665138

11) Lu Y et al (Hoehn R):

Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus.

Nat Genet. 2013 Feb;45(2):155-163. PMID: 23291589

12) Hoffmann EM et al (Hoehn R):

Distribution of central corneal thickness and its association with ocular parameters in a large central European cohort: the Gutenberg Health Study.

PLoS One. 2013 Aug 1;8(8):e66158. PMID: 23936291

13) Cheng CY et al (Höhn R):

Nine loci for ocular axial length identified through genome-wide association studies, including shared loci with refractive error.

Am J Hum Genet. 2013 Aug 8;93(2):264-77. PMID: 24144296

14) Elflein HM et al (Hoehn R):

Correlations between central corneal thickness and general anthropometric characteristics and cardiovascular parameters in a large European cohort from the Gutenberg Health Study. Cornea. 2014 Apr;33(4):359-65. PMID: 24556853

15) Wolfram C et al (Höhn R):

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16) Lamparter J et al (Höhn R):

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Nat Genet. 2014 Oct;46(10):1126-30. PMID: 25173106

19) Mirshahi A et al (Hoehn R):

Myopia and Level of Education: Results from the Gutenberg Health Study.

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20) Li Q et al (Höhn R):

Genome-wide association study for refractive astigmatism reveals genetic co-determination with spherical equivalent refractive error: the CREAM consortium.

Hum Genet. 2015 Feb;134(2):131-46. PMID: 25367360

21) Springelkamp H et al (Höhn R):

Meta-analysis of Genome-Wide Association Studies Identifies Novel Loci Associated With Optic Disc Morphology.

Genet Epidemiol. 2015 Mar;39(3):207-16. PMID: 25631615

22) Williams KM et al (Höhn R):

Prevalence of refractive error in Europe: the European Eye Epidemiology (E3) Consortium. Eur J Epidemiol. 2015 Apr;30(4):305-15. PMID: 25784363

23) Raum P et al (Hoehn R):

Prevalence and Cardiovascular Associations of Diabetic Retinopathy and Maculopathy: Results from the Gutenberg Health Study.

PLoS One. 2015 Jun 15;10(6):e0127188. Erratum in: PLoS One. 2015;10(9):e0139527. PMID: 26075604

24) Williams KM et al (Höhn R):

Increasing Prevalence of Myopia in Europe and the Impact of Education.

Ophthalmology. 2015 Jul;122(7):1489-97. PMID: 25983215

25) Fan Q et al (Höhn R):

Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error.

Nat Commun. 2016 Mar 29;7:11008. PMID: 27020472. doi: 10.1038/ncomms11008.

26) Schuster AK et al (Höhn R):

Distribution of Anterior Chamber Angle Width and Correlation With Age, Refraction, and Anterior Chamber Depth-The Gutenberg Health Study.

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27) Khawaja AP et al (Höhn R):

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28) Tideman JW et al (Höhn R):

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29) Springelkamp H et al (Höhn R):

New insights into the genetics of primary open-angle glaucoma based on meta-analyses of intraocular pressure and optic disc characteristics.

Hum Mol Genet. 2017 Jan 15;26(2):438-453. PMID: 28073927

30) Schuster AK et al (Höhn R):

The impact of pseudophakia on vision-related quality of life in the general population - The Gutenberg Health Study.

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31) Marx-Gross S et al (Höhn R):

The Prevalence of Glaucoma in Young People.

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32) Brazerol J, Iliev ME, Höhn R, Fränkl S, Grabe H, Abegg M.:

Retrograde Maculopathy in Patients With Glaucoma.

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33) Iglesias AI et al (Höhn R):

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34) Ponto KA et al (Höhn R):

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35) Schuster AK et al (Hoehn R):

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36) Shah RL et al (Höhn R):

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37) Iglesias AI et al (Höhn R):

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38) Lamparter J et al (Höhn R):

Association of ocular, cardiovascular, morphometric and lifestyle parameters with retinal nerve fibre layer thickness.

PLoS One. 2018 May 22;13(5):e0197682. PMID: 29787603

39) Tedja MS et al (Höhn R):

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40) Delcourt C et al (Höhn R):

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41) Bonnemaier PWM et al (Höhn R):

Multi-trait genome-wide association study identifies new loci associated with optic disc parameters.

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42) Craig JE et al (Hoehn R):

Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression.

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43) Fan Q et al (Höhn R):

Genome-wide association meta-analysis of corneal curvature identifies novel loci and shared genetic influences across axial length and refractive error.

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Publikationen als Konsortialmitglied

- 1) Chintalapudi R et al (**International Glaucoma Genetics consortium**):
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- 2) Colijn JM et al (**European Eye Epidemiology (E3) consortium**):
Prevalence of Age-Related Macular Degeneration in Europe: The Past and the Future.
Ophthalmology. 2017 Dec;124(12):1753-1763. PMID: 28712657
- 3) Delcourt C et al (**European Eye Epidemiology Consortium**):
The Decreasing Prevalence of Nonrefractive Visual Impairment in Older Europeans: A Meta-analysis of Published and Unpublished Data.
Ophthalmology. 2018 Aug;125(8):1149-1159. PMID: 29548645
- 4) Mauschitz MM et al (**European Eye Epidemiology (E3) Consortium**):
Systemic and Ocular Determinants of Peripapillary Retinal Nerve Fiber Layer Thickness Measurements in the European Eye Epidemiology (E3) Population.
Ophthalmology. 2018 Oct;125(10):1526-1536. PMID: 29716786
- 5) Colijn JM et al (**European Eye Epidemiology Consortium**):
Increased High-Density Lipoprotein Levels Associated with Age-Related Macular Degeneration: Evidence from the EYE-RISK and European Eye Epidemiology Consortia.
Ophthalmology. 2019 Mar;126(3):393-406. PMID: 30315903
- 6) Gattoussi S et al (**European Eye Epidemiology (E3) consortium**):
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Seizures following subconjunctival 5-FU therapy.

Graefes Arch Clin Exp Ophthalmol. 2011 Jan;249(1):145-6. PMID: 20352442

Buchbeiträge

Neurath M, Lohse A et al (**Höhn R.**): *Checkliste Anamnese und klinische Untersuchung.*

3.-5. Auflage. Thieme Verlag, Stuttgart 2018 (zuletzt). ISBN-13: 9783131273338