List of publications

1. Original publications => after submission of Habilitation thesis

First authorship				
#	Authors	Title	Citation	Impact Factor (IF)
1. *	Li X, Thomsen H, Sundquist K, Sundquist J, Försti A, Hemminki K.	Familial Risks between Pernicious Anemia and Other Autoimmune Diseases in the Population of Sweden	Autoimmune Diseases, Volume 2021, Article ID 8815297, https://doi.org/10.1155/2021/8815297	0.6
2. *	Thomsen H, Li X, Sundquist K, Sundquist J, Försti A, Hemminki K.	Familial risks between giant cell arteritis and Takayasu arteritis and other autoimmune diseases in the population of Sweden.	Scientific Reports, (2020) 10:20887 https://doi.org/10.1038/s41598-020-77857-7	4.3
3. *	Thomsen H, Li X, Sundquist K, Sundquist J, Försti A, Hemminki K.	Familial associations between autoimmune hepatitis and primary biliary cholangitis and other autoimmune diseases	PLoS ONE 15(10): e0240794 https://doi.org/10.1371/journal.pone.0240794	3.2
4. *	Thomsen H, Li X, Sundquist K, Sundquist J, Försti A, Hemminki K.	Familial associations for Addison disease and between Addison disease and other autoimmune diseases.	Endocrine Connections Volume 9: Issue 11 Page Range: 1114–1120, https://doi.org/10.1530/EC-20-0328	3.3
5. *	Thomsen H, Li X, Sundquist K, Sundquist J, Försti A, Hemminki K.	Familial associations for rheumatoid autoimmune diseases	Rheumatology Advances in Practice, Volume 4, Issue 2, 2020, rkaa048, https://doi.org/10.1093/rap/rkaa048	1.0
6. *	Thomsen H, Li X, Sundquist K, Sundquist J, Försti A, Hemminki K.	Familial risks between Graves disease and Hashimoto thyroiditis and other autoimmune diseases in the population of Sweden	Journal of Translational Autoimmunity, 2020, Volume 3, 100058 doi: 10.1016/j.jtauto.2020.100058	2.6
7	Thomsen H, Chattopadhyay S, Hoffmann P, Nöthen MM, Kalirai H, Coupland S, Jost J, Hemminki K, Försti A	Genome-wide study on uveal melanoma patients finds association to DNA repair gene *TDP1*	Melanoma Research: 2020 - Volume 30 - Issue 2 - Pages 166-172 doi: 10.1097/CMR.0000000000000641	2.6
Co - Authorships				

#	Authors	Title	Citation	IF
1	Clay-Gilmour A, Chattopadhyay S, Hildebrandt MAT, Thomsen H, Weinhold N, Vodicka P, Vodickova L, Hoffmann P, Nöthen MN, Jöckel KH, Schmidt B, Langer C, Hajek R, Hallmans G, Pettersson-Kymmer U, Ohlsson C, Späth F, Houlston R, Goldschmidt H, Manasanch SEE, Rajkumar V, Norman A, Shaji Kumar S, Slager S, Försti A, Vachon CM, Hemmiki K.	Genome-wide meta-analysis of monoclonal gammopathy of undetermined significance (MGUS) identifies risk loci impacting IRF-6.	Blood Cancer Journal, 02.04.2022, https://doi.org/10.1038/s41408-022-00658-w	8.0
2	Niazi Y, Thomsen H, Smolkova B, Vodickova L, Vodenkova S, Kroupa M, Vymetalkova V, Kazimirova A, Barancokova M, Volkovova K, Staruchova M, Hoffmann P, Nöthen MM, Dusinska M, Musak L, Vodicka P, Hemminki K, Försti A	DNA Repair Gene Polymorphisms and Chromosomal Aberrations in Exposed Populations	Front. Genet., 16 June 2021, https://doi.org/10.3389/fgene.2021.691947	4.2
3	Niazi Y, Thomsen H, Smolkova B, Vodickova L, Vodenkova S, Kroupa M, Vymetalkova V, Kazimirova A, Barancokova M, Volkovova K, Staruchova M, Hoffmann P, Nöthen MM, Dusinska M, Musak L, Vodicka P, Försti A., Hemminki K,	DNA repair gene polymorphisms and chromosomal aberrations in healthy, nonsmoking population	DNA Repair Volume 101, May 2021, 103079, https://doi.org/10.1016/j.dnarep.2021.103079	3.3
4	Niazi Y, Thomsen H, Smolkova B, Vodickova L, Vodenkova S, Kroupa M, Vymetalkova V, Kazimirova A, Barancokova M, Volkovova K, Staruchova M, Hoffmann P, Nöthen MM, Dusinska M, Musak L, Vodicka P, Hemminki K, Försti A	Impact of genetic polymorphisms in kinetochore and spindle assembly genes on chromosomal aberration frequency in healthy humans	Mutation Research/Genetic Toxicology and Environmental Mutagenesis Volumes 858–860, October–December 2020, 503253, https://doi.org/10.1016/j.mrgentox.2020.503253	2.8
5	Truong T, Lesueur F, Sugier P-E, Guibon J, Xhaard C, Karimi M, Kulkarni O, Lucotte EA, Bacq-Daian D, Boland-Auge	Multiethnic genome-wide association study of differentiated thyroid cancer in the EPITHYR consortium	International Journal of Cancer, Volume148, Issue12, June 15, 2021, Pages 2935-2946, https://doi.org/10.1002/ijc.33488	5.1

	A, Mulot C, Laurent-Puig P, Schvartz C, Guizard A-V, Ren Y, Adjadj E, Rachédi F, Borson-Chazot F, Ortiz RM, Lence-Anta JJ, Pereda CM, Comiskey Jr DF, He H, Liyanarachchi S, de la Chapelle A, Elisei R, Gemignani F, Thomsen H, Forsti A, Herzig AF, Leutenegger A-L, Rubino C, Ostroumova E, Kesminiene A, Boutron-Ruault M-C, Deleuze J-F, Guénel P, de Vathaire F			
6	Blunk I, Thomsen H, Reinsch N, Mayer M, Försti A, Sundquist J, Sundquist K, Hemminki, K	Genomic imprinting analyses identify maternal effects as a cause of phenotypic variability in type 1 diabetes and rheumatoid arthritis	Scientific Reports, 2020, Volume 10, Article number: 11562, Epages 1-15 doi.org/10.1038/s41598-020-68212-x	4.2
7	Stocker H, Perna L, Weigl K, Möllers T, Schöttker B, Thomsen H, Holleczek B, Rujescu D, Brenner H	Prediction of clinical diagnosis of Alzheimer's disease, vascular, mixed, and all-cause dementia by a polygenic risk score and APOE status in a community-based cohort prospectively followed over 17 years	Mol Psychiatry (2020). doi.org/10.1038/s41380-020-0764-y	11.9
8	Chattopadhyay S, Thomsen H, Weinhold N, Meziane I, Huhn S, da Silva Filho MI, Vodicka P, Vodickova L, Hoffmann P, Nöthen MM, Jöckel KH, Schmidt B, Landi S, Hajek R, Hallmans G, Pettersson-Kymmer U, Ohlsson C, Milani P, Merlini G, Rowcieno D, Hawkins P, Hegenbart U, Palladini G, Wechalekar A, Schönland SO, Houlston R, Goldschmidt H, Hemminki K, Försti A	Eight novel loci implicate shared genetic etiology in multiple myeloma, AL amyloidosis, and monoclonal gammopathy of unknown significance	Leukemia, 34, (2020), Pages 1187–1191 doi: 10.1038/s41375-019-0619-1	11.7
9	Niazi Y, Thomsen H, Smolkova B, Vodickova L, Vodenkova, S, Kroupa M, Vymetalkova V, Kazimirova A, Barancokova M, Volkovova K, Staruchova M, Hoffmann P, Nöthen	Distinct pathways associated with chromosomal aberration frequency in a cohort exposed to genotoxic compounds compared to general population	Mutagenesis, 34, Issue 4, July 2019, Pages 323-330, doi.org/10.1093/mutage/gez024	3.3

	MM, Dusinska M, Musak L, Vodicka P, Hemminki K, Försti A			
10	Sud A, Chattopadhyay S, Thomsen H, Sundquist K, Sundquist J, Houlston R, Hemminki K.	Analysis of 153 115 patients with hematological malignancies refines the spectrum of familial risk	Blood (2019) 134 (12): Pages 960–969. doi.org/10.1182/blood.2019001362	13.1
11	Teumer A, Li Y, Ghasemi S, Prins BP, Wuttke M, Hermle T, Giri A, Sieber KB, Qiu C, Kirsten H, Tin A, Audrey Y. Chu AY, Bansal N, Feitosa MF, Wang L, Chai J-F, Cocca M, Fuchsberger C, Gorski M, Hoppmann A, Horn K, Li M, Marten J, Noce D, Nutile T, Sedaghat S, Sveinbjornsson S, Tayo BO, van der Most PJ, Xu, Y, Yu, Z, Gerstner L, Ärnlöv J, Bakker SJL, Baptista D, Biggs ML, Boerwinkle E, Brenner H, Burkhardt R, Carroll RJ, Chee M-L, Chee M-L, Chen M, Cheng C-Y, Cook JP, Coresh J, Corre T, Danesh J, de Borst MH, De Grandi A, de Mutsert R, de Vries, APJ, Degenhardt F, Dittrich K, Divers J, Eckardt K-U, Ehret G, Endlich K, Felix JF, Franco OH, Franke A, Freedman BI, Freitag-Wolf S, Gansevoort RT, Giedraitis V, Gögele M, Grundner-Culemann F, Gudbjartsson DF, Gudnason V, Hamet P, Harris TB, Hicks AA, Holm H, Foo VHX, Hwang S-J, Ikram MA, Ingelsson, E, Jaddoe VWV, Jakobsdottir J, Josyula NS, Jung B, Kähönen M, Khor C-C, Kiess W, Koenig W, Körner A, Kovacs P, Kramer H, Krämer BK, Kronenberg F, Lange LA, Langefeld CD, Lee JJ-M, Lehtimäki T, Lieb W, Lim S-C, Lind L, Lindgren CM, Liu J, Loeffler M, Lyytikäinen LP, Mahajan A, Maranville	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria	Nat. Commun., 2019: Vol 10: 4130. doi: 10.1038/s41467-019-11576-0, epages 1-19	12.1

	JC, Mascalzoni D, McMullen B, Meisinger C, Meitinger T, Miliku K, Mook-Kanamori DO, Müller-Nurasyid M, Mychaleckyj JC, Nauck M, Nikus K, Ning B, Noordam R, Connell JO, Olafsson I, Palmer ND, Peters A, Podgornaia AI, Ponte B, Poulain T, Pramstaller PP, Rabelink TJ, Raffield LM, Reilly DF, Rettig R, Rheinberger M, Rice KM, Rivadeneira F, Runz H, Ryan KA, Sabanayagam C, Saum K-U, Schöttker B, Shaffer CM, Shi Y, Smith AV, Strauch K, Stumvoll M, Sun BB, Szymczak S, Tai E-S, Tan NYQ, Taylor KD, Teren A, Tham Y-C, Thiery J, Thio CHL, Thomsen H, Thorsteinsdottir U, Tönjes A, Tremblay J, Uitterlinden AG, van der Harst P, Verweij N, Vogelezang S, Völker U, Waldenberger M, Wang C, Wilson OD, Wong C, Wong T-Y, Yang Q, Yasuda M, Akilesh S, Bochud M, Böger CA, Devuyst O, Edwards TL, Ho K, Morris AP, Parsa A, Pendergrass SA, Psaty BM, Rotter JI, Stefansson K, Wilson JG, Susztak K, Snieder H, Heid IM, Scholz M, Butterworth AS, Hung AM, Pattaro C, Köttgen A			
12	**Went M, Kinnersley B, Sud A, Johnson DC, Weinhold N, Försti A, van Duin M, Orlando G, Mitchell JS, Kuiper R, Walker BA, Gregory WM, Hoffmann P, Jackson GH , Nöthen MM, da Silva Filho MI, Thomsen H, Broyl A, Davies FE, Thorsteinsdottir U, Hansson M, Kaiser M, Sonneveld P, Goldschmidt H, Stefansson K, Hemminki K, Nilsson B, Morgan GJ, Houlston R**	**Transcriptome-wide association study of multiple myeloma identifies candidate susceptibility genes**	**Human Genomics, 2019, Vol13, 37 doi: 10.1186/s40246-019-0231-5**	**2.2**

13	**Wuttke M, Li Y, Li M, Sieber KB, Feitosa MF, Gorski M, Tin A, Wang L, Chu AY, Hoppmann A, Kirsten H, Giri A, Chai J-F, Sveinbjornsson G, Tayo BO, Nutile T, Fuchsberger C, Marten J, Cocca M, Ghasemi S, Xu Y, Horn K, Noce D, van der Most PJ, Sedaghat S, Yu Z, Akiyama M, Afaq S, Ahluwalia TS, Almgren P, Amin N, Ärnlöv J, Bakker SJL, Bansal N, Baptista D, Bergmann S, Biggs ML, Biino G, Boehnke M, Boerwinkle E, Boissel M, Bottinger EP, Boutin TS, Brenner H, Brumat M, Burkhardt R, Butterworth AS, Campana E, Campbell A, Campbell H, Canouil M, Carroll RJ, Catamo E, Chambers JC, Chee M-L, Chee M-L, Chen X, Cheng C-Y, Cheng Y, Christensen K, Cifkova R, Ciullo M, Concas MP, Cook JP, Coresh J, Corre T, Sala CF, Cusi D, Danesh J, Daw EW, de Borst MH, De Grandi A, de Mutsert R, de Vries APJ, Degenhardt F, Delgado G, Demirkan A, Angelantonio ED, Dittrich K, Divers J, Dorajoo R, Eckardt K-U, Ehret G, Elliott P, Endlich K, Evans MK, Felix JF, Foo VHX, Franco OH, Franke A, Freedman BT, Freitag-Wolf S, Friedlander Y, Froguel P, Gansevoort RT, Gao H, Gasparini P, Gaziano JM, Giedraitis V, Gieger C, Girotto G, Giulianini F, Gögele M, Gordon SD, Gudbjartsson DF, Gudnason V, Haller T, Hamet P, Harris TB, Hartman CA, Hayward C, Hellwege JN, Heng C-K, Hicks AA, Hofer E, Huang W, Hutri-Kähönen N, Hwang S-J, Ikram MA, Indridason OS, Ingelsson E, Ising M, Jaddoe VWV, Jakobsdottir J, Jonas JB, Joshi PK, Josyula**	**A catalog of genetic loci associated with kidney function from analyses of a million individuals**	**Nature Genetic, 2019, Vol 51, Pages 957–972 doi: 10.1038/s41588-019-0407-x**	**27.1**

	NS, Jung B, Kähönen M, Kamatani Y, Kammerer CM, Kanai M, Kastarinen M, Kerr SM, Khor C-C, Kiess W, Kleber ME, Koenig W, Kooner JS, Körner A, Kovacs P, Kraja AT, Krajcoviechova A, Kramer H, Krämer BK, Kronenberg F, Kubo M, Kühnel B, Kuokkane M, Kuusisto J, Bianca ML, Laakso M, Lange LA, Langefeld CD, Lee JJ-M, Lehne B, Lehtimäki T, Lieb W, Lifelines Cohort Study, Lim S-C, Lind L, Lindgren CM, Liu J, Liu J, Loeffler M, Loos RJF, Lucae S, Lukas MA, Lyytikäinen L-P, Mägi R, Magnusson PKE, Mahajan A, Martin NG, Martins J, März W, Mascalzoni D, Matsuda K, Meisinger C, Meitinger T, Melander O, Metspalu A, Mikaelsdottir EK, Milaneschi Y, Miliku K, Mishra PP, Million Veteran Program VA, Mohlke KL, Mononen N, Montgomery GW, Mook-Kanamori DO, Mychaleckyj JC, Nadkarni GN, Nalls MA, Nauck M, Nikus K, Ning B, Nolte IM, Noordam R, O'Connell J, O'Donoghue ML, Olafsson I, Oldehinkel AJ, Orho-Melander M, Ouwehand WH, Padmanabhan S, Palmer ND, Palsson R, Penninx BWJH, Perls T, Perola M, Pirastu M, Pirastu N, Pistis G, Podgornaia AI, Polasek O, Ponte B, Porteous DJ, Poulain T, Pramstaller PP, Preuss MH, Prins BP, Province MA, Rabelink TJ, Raffield LM, Raitakari OT, Reilly DF, Rettig R, Rheinberger M, Rice KM, Ridker PM, Rivadeneira F, Rizzi F, Roberts DJ, Robino A, Rossing P, Rudan I, Rueedi R, Ruggiero D, Ryan KA, Saba Y, Sabanayagam C, Salomaa V, Salvi E,			

	Saum K-U, Schmidt H, Schmidt R, Schöttker B, Schulz C-A, Schupf N, Shaffer CM, Shi Y, Smith AV, Smith BH, Soranzo N, Spracklen CN, Strauch K, Stringham HM, Stumvoll M, Svensson PO, Szymczak S, Tai E-S, Tajuddin SM, Tan NYQ, Taylor KD, Teren A, Tham Y-C, Thiery J, Thio CHL, Thomsen H, Thorleifsson G, Toniolo D, Tönjes A, Tremblay J, Tzoulaki I, Uitterlinden AG, Vaccargiu S, van Dam RM, van der Harst P, van Duijn CM, Edward DRV, Verweij N, Vogelezang S, Völker U, Vollenweider P, Waeber G, Waldenberger M, Wallentin L, Wang YX, Wang C, Waterworth DM, Wei WB, White H, Whitfield JB, Wild SH, Wilson JF, Wojczynski MK, Wong C, Wong T-Y, Xu L, Yang Q, Yasuda M, Yerges-Armstrong LM, Zhang W, Zonderman AB, Rotter JI, Bochud M, Psaty BM, Vitart V, Wilson JG, Dehghan A, Parsa A, Chasman DI, Ho K, Morris AP, Devuyst O, Akilesh S, Pendergrass SA, Sim X, Böger CA, Okada Y, Edwards TL, Snieder H, Stefansson K, Hung AM, Heid IM, Scholz M, Teumer A, Köttgen A, Pattaro C			
14	Went W, Sud A, Speedy H, Sunter NJ, Försti A, Law PJ, Johnson DC, Mirabella F, Holroyd A, Li N, Orlando G, Weinhold N, van Duin M, Chen B, Mitchell JS, Mansouri L, Juliusson G, Smedby KE, Jayne S, Majid A, Dearden C, Allsup DJ, Bailey JR, Pratt G, Pepper C, Fegan C, Rosenquist R, Kuiper R, Stephens OW, Bertsch U, Broderick P, Einsele H, Gregory WM, Hillengass J, Hoffmann P,	Genetic correlation between multiple myeloma and chronic lymphocytic leukaemia provides evidence for shared aetiology	Blood Cancer Journal, 2019, Vol. 9, 1, DOI: 10.1038/s41408-018-0162-8, epages 1-9	8.0

	Jackson GH, Jöckel KH, Nickel J, Nöthen MM, da Silva Filho MI, Thomsen H, Walker BA, Broyl A, Davies FE, Hansson M, Goldschmidt H, Dyer MJS, Kaiser M, Sonneveld P, Morgan GJ, Hemminki K, Nilsson B, Catovsky D, Allan JM, Houlston RS			

2. Original publications => related to Habilitation thesis

First-authorship				
#	**Authors**	**Title**	**Citation**	**Impact Factor (IF)**
1.	**Thomsen H, Chattopadhyay S, Weinhold N, Vodicka P, Vodickova L, Hoffmann P, Nöthen MM, Jöckel KH, Langer C, Hajek R, Hallmans G, Pettersson-Kymmer U, Ohlsson C, Späth F, Houlston R, Goldschmidt H, Hemminki K, Försti A.**	**Genome-wide association study of monoclonal gammopathy of unknown significance (MGUS): comparison with multiple myeloma**	**Leukemia, 2019, Feb., 33 (2). doi.org/10.1038/s41375-019-0396-x, epages 1-5**	**11.7**
2.*	**Sud A, Thomsen H, Law PJ, Forsti A, Filho M, Holroyd A, Broderick P, Orlando G, Lenive O, Wright L, Cooke R, Easton D, Pharoah P, Dunning A, Peto J, Canzian F, Eeles R, Kote-Jarai Z, Muir K, Pashayan N, consortium P, Hoffmann P, Nothen MM, Jockel KH, Strandmann EPV, Lightfoot T, Kane E, Roman E, Lake A, Montgomery D, Jarrett RF, Swerdlow AJ, Engert A, Orr N, Hemminki K, Houlston RS.**	**Genome-wide association study of classical Hodgkin lymphoma identifies key regulators of disease susceptibility.**	**Nat. Commun. 2017; 8(1): 1892. doi: 10.1038/s41467-017-00320-1, epages 1-11**	**12.1**
3.*	**Gao X, Thomsen H, Zhang Y, Breitling LP, Brenner H.**	**The impact of methylation quantitative trait loci (mQTLs) on active smoking-related DNA methylation changes.**	**Clin Epigenetics. 2017; 9: 87-100**	**4.9**
4.	**Thomsen H, Campo C, Weinhold N, da Silva Filho MI, Pour L, Gregora E, Vodicka P, Vodickova L, Hoffmann P, Nothen**	**Genomewide association study on monoclonal gammopathy of unknown significance (MGUS). European journal of haematology.**	**European Journal of Haematology. 2017; 99(1): 70-79.**	**2.6**

	MM, Jockel KH, Langer C, Hajek R, Goldschmidt H, Hemminki K, Forsti A.			
5.	Thomsen H, Chen B, Figlioli G, Elisei R, Romei C, Cipollini M, Cristaudo A, Bambi F, Hoffmann P, Herms S, Landi S, Hemminki K, Gemignani F, Forsti A.	Runs of homozygosity and inbreeding in thyroid cancer	BMC Cancer. 2016; 16: 227-237	3.2
6.	Thomsen H, Inacio da Silva Filho M, Fuchs M, Ponader S, Pogge von Strandmann E, Eisele L, Herms S, Hoffmann P, Engert A, Hemminki K, Forsti A.	Evidence of Inbreeding in Hodgkin Lymphoma.	PloS one. 2016; 11(4): e0154259 doi: 10.1371/jounal.pone.0154259, epages 1-15	2.8
7.	Thomsen H, Filho MI, Woltmann A, Johansson R, Eyfjord JE, Hamann U, Manjer J, Enquist-Olsson K, Henriksson R, Herms S, Hoffmann P, Chen B, Huhn S, Hemminki K, Lenner P, Forsti A.	Inbreeding and homozygosity in breast cancer survival.	Sci Rep. 2015; 5: 16467. doi:10.1038/srep16467, epages 1-12	4.2
8.	Thomsen H, da Silva Filho MI, Forsti A, Fuchs M, Ponader S, von Strandmann EP, Eisele L, Herms S, Hofmann P, Sundquist J, Engert A, Hemminki K.	Heritability estimates on Hodgkin's lymphoma: a genomic- versus population-based approach.	EJHG. 2015, 23, 824-830	4.3
Co - Authorship				
#	Authors	Title	Citation	IF
1	Went M, Sud A, Forsti A, Halvarsson BM, Weinhold N, Kimber S, Duin M, Thorleifsson G,Holroyd A, Johnson D, Li N, Orlando G, Law P, Ali M, Chen B, Mitchell J, Gudbjartsson D, Kuiper R, Stephens O, Bertsch U, Broderick P, Campo C, Bandapalli O, Einsele H, Gregory W, Gullberg U, Hillengass J, Hoffmann P, Jackson G, Jöckel KH, Johnsson E, Kristinsson S, Mellqvist UH, Nahi H, Easton D, Pharoah P, Dunning A, Peto J, Canzian F, Swerdlow A, Eeles R, Kote-Jarai Z, Muir K, Pashayan N, Practical Consortium, Nickel J, Nöthen	Identification of multiple risk loci and potential regulatory mechanisms influencing susceptibility to multiple myeloma	Nat Commun. 2018 Sep 13;9(1):3707. doi: 10.1038/s41467-018-04989-w epages 1-10	12.1

	MM, Rafnar T, Ross F, da Silva Filho M, Thomsen H, Turesson I, Vangsted A, Andersen N, Waage A, Walker B, Wihlborg AK, Broyl A, Davies F, Thorsteinsdottir U, Langer C, Hansson M, Goldschmidt H, Kaiser M, Sonneveld P, Stefansson K, Morgan G, Hemminki K, Nilsson B, Houlston RS			
2. *	Niazi Y, Thomsen H, Smolkova B, Vodickova L, Vodenkova S, Kroupa M, Vymetalkova V, Kazimirova A, Barancokova M, Volkovova K, Staruchova M, Hoffman P, Nöthen MM, Dusinska M, Musak L, Vodicka P, Hemminki K, Försti A	Genetic variation associated with chromosomal aberration frequency: A genome-wide association study	Environmental and Molecular Mutagenesis, 2018, onlinelibrary.wiley.com/doi/full/10.1002/em.22236 doi.org/10.1002/em.22236, epages 1-12	3.5
3.	Sud A, Thomsen H, Orlando G, Försti A, Law PJ, Broderick P, Cooke R, Hariri F, Pastinen T, Easton DF, Pharoah PDP, Dunning AM, Peto J, Canzian F, Eeles R, Kote-Jarai Z, Muir K, Pashayan N, Campa D, Hoffmann P, Nöthen MM, Jöckel KH, von Strandmann EP, Swerdlow AJ, Engert A, Orr N, Hemminki K, Houlston RS.	Genome-wide association study implicates immune dysfunction in the development of Hodgkin lymphoma.	Blood. 2018 Sep 7. pii: blood-2018-06-855296. doi: 10.1182/blood-2018-06-855296, epages 1-35	13.1
4. *	Chattopadhyay S, Thomsen H, da Silva Filho M, Weinhold N, Hoffman P, Nöthen MM, Arendt M, Jöckel KH, Schmidt B, Pechlivanis S, Langer C, Goldschmidt H, Hemminki K, Försti A	Enrichment of B cell receptor signaling and epidermal growth factor receptor pathways in monoclonal gammopathy of undetermined significance: a genome-wide interaction study	Molecular Medicine. 2018, 24:30-43. doi.org/10.1186/s10020-018-0031-8	4.8
5.	Riihimäki M, Thomsen H, Sundquist K, Sundquist J, Hemminki K	Clinical landscape of cancer metastases	Cancer Med. 2018;00:1–9. https://doi.org/10.1002/cam4.1697	3.2
6.	Grünblatt E, Nemoda Z, Werling AM, Roth A, Angyal N, Tarnok Z, Thomsen H, Peters T, Hinney A, Hebebrand J, Lesch KP, Romanos M, Walitza S	The involvement of the canonical Wnt-signaling receptor LRP5 and LRP6 gene variants with ADHD and sexual dimorphism: association study and meta-analysis	American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2018, doi:10.1002/ajmg.b.32695, epages 1-10	3.0

7.	**Sud A, Chattopadhyay S, Thomsen H, Sundquist K, Sundquist J, Houlston RS, Hemminki K**	**Familial risks of primary myeloid leukemia, myelodysplasia and myeloproliferative neoplasms**	**Blood. 2018 Aug 30;132(9):973-976. doi: 10.1182/blood-2018-06-858597.**	**13.1**
8.	**Weigl K, Thomsen H, Balavarca Y, Hellwege JN, Shrubsole MJ, Brenner H.**	**Genetic Risk Score is Associated With Prevalence of Advanced Neoplasms in a Colorectal Cancer Screening Population.**	**Gastroenterology. 2018: 155, 88-98**	**18.3**
9.	**Sud A, Thomsen H, Sundquist K, Houlston RS, Hemminki K.**	**Risk of Second Cancer in Hodgkin Lymphoma Survivors and Influence of Family History.**	**Journal of clinical oncology: official journal of the American Society of Clinical Oncology. 2017; 35(14): 1584-1590.**	**24.8**
10.	**Went M, Sud A, Law PJ, Johnson DC, Weinhold N, Försti A, van Duin M, Mitchell JS, Chen B, Kuiper R, Stephens OW, Bertsch U, Campo C, Einsele H, Gregory WM, Henrion M, Hillengass J, Hoffmann P, Jackson GH, Lenive O, Nickel J, Nöthen MM, da Silva Filho MI, Thomsen H, Walker BA, Broyl A, Davies FE, Langer C, Hansson M, Kaiser M, Sonneveld P, Goldschmidt H, Hemminki K, Nilsson B, Morgan GJ, Houlston RS.**	**Assessing the effect of obesity-related traits on multiple myeloma using a Mendelian randomisation approach.**	**Blood Cancer J. 2017 Jun 16;7(6) doi:10.1038/bcj.2017.48, epages 1-3**	**6.1**
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*** joint First-Authorship**

3. Original-Publications => not related to Habilitation thesis

First-Authorship				
#	**Authors**	**Title**	**Citation**	**IF**
1.	**Thomsen H, Thomasen J R, Guldbrandtsen B, Lund MS.**	**QTL Explaining Variation In Production Traits And Udder Health In The Danish Holstein Population.**	**Arch Anim. Breed., 2011, 54, 4:348-359**	**0.4**
2.	**Thomsen H.**	**The choice of phenotypes for use of marker assisted selection in dairy cattle.**	**Züchtungskunde 2009, Vol. 81, (4) P. 243–249**	**0.3**
3.	**Thomsen H, Lee HK, Rothschild F, Malek M, Dekkers JCM**	**Characterization of quantitative trait loci for growth and meat quality in a cross between commercial breeds of swine**	**J. Anim. Sci. 2004 Aug. 82: 2213-2228**	**1.8**
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Co - Authorships				
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IF: Impakt Faktoren