

# Espen Molden

## List of Publications by Citations

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80  
papers

2,068  
citations

22  
h-index

43  
g-index

94  
ext. papers

3,243  
ext. citations

4.9  
avg, IF

4.94  
L-index

#	Paper	IF	Citations
80	Common schizophrenia alleles are enriched in mutation-intolerant genes and in regions under strong background selection. <i>Nature Genetics</i> , <b>2018</b> , 50, 381-389	36.3	787
79	The effect of variable cigarette consumption on the interaction with clozapine and olanzapine. <i>European Journal of Clinical Pharmacology</i> , <b>2006</b> , 62, 1049-53	2.8	116
78	Impact of CYP2C19 Genotype on Escitalopram Exposure and Therapeutic Failure: A Retrospective Study Based on 2,087 Patients. <i>American Journal of Psychiatry</i> , <b>2018</b> , 175, 463-470	11.9	75
77	Effect of CYP2D6 genotype on exposure and efficacy of risperidone and aripiprazole: a retrospective, cohort study. <i>Lancet Psychiatry</i> , <b>2019</b> , 6, 418-426	23.3	60
76	Metabolism of quetiapine by CYP3A4 and CYP3A5 in presence or absence of cytochrome B5. <i>Drug Metabolism and Disposition</i> , <b>2009</b> , 37, 254-8	4	50
75	Pharmacokinetics of diltiazem and its metabolites in relation to CYP2D6 genotype. <i>Clinical Pharmacology and Therapeutics</i> , <b>2002</b> , 72, 333-42	6.1	39
74	Mapping genomic loci implicates genes and synaptic biology in schizophrenia.. <i>Nature</i> , <b>2022</b> ,	50.4	35
73	Desacetyl-diltiazem displays severalfold higher affinity to CYP2D6 compared with CYP3A4. <i>Drug Metabolism and Disposition</i> , <b>2002</b> , 30, 1-3	4	33
72	Association of CYP2C19 and CYP2D6 Poor and Intermediate Metabolizer Status With Antidepressant and Antipsychotic Exposure: A Systematic Review and Meta-analysis. <i>JAMA Psychiatry</i> , <b>2021</b> , 78, 270-280	14.5	33
71	Pharmacokinetic variability of quetiapine and the active metabolite N-desalkylquetiapine in psychiatric patients. <i>Therapeutic Drug Monitoring</i> , <b>2011</b> , 33, 222-6	3.2	32
70	OATP1B1/1B3 activity in plated primary human hepatocytes over time in culture. <i>Biochemical Pharmacology</i> , <b>2011</b> , 82, 1219-26	6	32
69	Impact of age on serum concentrations of venlafaxine and escitalopram in different CYP2D6 and CYP2C19 genotype subgroups. <i>European Journal of Clinical Pharmacology</i> , <b>2014</b> , 70, 933-40	2.8	31
68	Risk management of simvastatin or atorvastatin interactions with CYP3A4 inhibitors. <i>Drug Safety</i> , <b>2008</b> , 31, 587-96	5.1	31
67	Serum concentrations of antidepressants in the elderly. <i>Therapeutic Drug Monitoring</i> , <b>2012</b> , 34, 25-30	3.2	28
66	Co-prescription of cytochrome P450 2D6/3A4 inhibitor-substrate pairs in clinical practice. A retrospective analysis of data from Norwegian primary pharmacies. <i>European Journal of Clinical Pharmacology</i> , <b>2005</b> , 61, 119-25	2.8	28
65	CYP2D6 is involved in O-demethylation of diltiazem. An in vitro study with transfected human liver cells. <i>European Journal of Clinical Pharmacology</i> , <b>2000</b> , 56, 575-9	2.8	28
64	Simvastatin-associated rhabdomyolysis after coadministration of macrolide antibiotics in two patients. <i>Pharmacotherapy</i> , <b>2007</b> , 27, 603-7	5.8	27

63	Combined Effect of CYP2B6 Genotype and Other Candidate Genes on a Steady-State Serum Concentration of Methadone in Opioid Maintenance Treatment. <i>Therapeutic Drug Monitoring</i> , <b>2017</b> , 39, 550-555	3.2	25
62	Risperidone and Venlafaxine Metabolic Ratios Strongly Predict a CYP2D6 Poor Metabolizing Genotype. <i>Therapeutic Drug Monitoring</i> , <b>2016</b> , 38, 127-34	3.2	24
61	Effect of Clinical Geriatric Assessments and Collaborative Medication Reviews by Geriatrician and Family Physician for Improving Health-Related Quality of Life in Home-Dwelling Older Patients Receiving Polypharmacy: A Cluster Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , <b>2020</b> , 180, 181-189	11.5	24
60	High-performance liquid chromatography-mass spectrometry analysis of diltiazem and 11 of its phase I metabolites in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2003</b> , 33, 275-83	3.5	23
59	4βHydroxycholesterol correlates with dose but not steady-state concentration of carbamazepine: indication of intestinal CYP3A in biomarker formation?. <i>British Journal of Clinical Pharmacology</i> , <b>2016</b> , 81, 269-76	3.8	23
58	Individual variability in clinical effect and tolerability of opioid analgesics - Importance of drug interactions and pharmacogenetics. <i>Scandinavian Journal of Pain</i> , <b>2017</b> , 17, 193-200	1.9	22
57	Utilisation and polypharmacy aspects of antiepileptic drugs in elderly versus younger patients with epilepsy: A pharmacoepidemiological study of CNS-active drugs in Norway, 2004-2015. <i>Epilepsy Research</i> , <b>2018</b> , 139, 35-42	3	22
56	Serum concentrations of risperidone and aripiprazole in subgroups encoding CYP2D6 intermediate metabolizer phenotype. <i>Therapeutic Drug Monitoring</i> , <b>2014</b> , 36, 80-5	3.2	21
55	Comparison of CYP3A4-Inducing Capacity of Enzyme-Inducing Antiepileptic Drugs Using 4βHydroxycholesterol as Biomarker. <i>Therapeutic Drug Monitoring</i> , <b>2018</b> , 40, 463-468	3.2	18
54	Significantly lower CYP2D6 metabolism measured as the O/N-desmethylvenlafaxine metabolic ratio in carriers of CYP2D6*41 versus CYP2D6*9 or CYP2D6*10: a study on therapeutic drug monitoring data from 1003 genotyped Scandinavian patients. <i>British Journal of Clinical Pharmacology</i> , <b>2019</b> , 85, 194-201	3.8	18
53	Impact of genetic variability in CYP2D6, CYP3A5, and ABCB1 on serum concentrations of quetiapine and N-desalkylquetiapine in psychiatric patients. <i>Therapeutic Drug Monitoring</i> , <b>2015</b> , 37, 256-61	3.2	17
52	Influence of CYP1A1/CYP1A2 and AHR polymorphisms on systemic olanzapine exposure. <i>Pharmacogenetics and Genomics</i> , <b>2013</b> , 23, 279-85	1.9	17
51	Evaluation of organic anion-transporting polypeptide 1B1 and CYP3A4 activities in primary human hepatocytes and HepaRG cells cultured in a dynamic three-dimensional bioreactor system. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2012</b> , 343, 145-56	4.7	17
50	The CYP3A biomarker 4βhydroxycholesterol does not improve tacrolimus dose predictions early after kidney transplantation. <i>British Journal of Clinical Pharmacology</i> , <b>2017</b> , 83, 1457-1465	3.8	15
49	Extensive metabolism of diltiazem and P-glycoprotein-mediated efflux of desacetyl-diltiazem (M1) by rat jejunum in vitro. <i>Drug Metabolism and Disposition</i> , <b>2000</b> , 28, 107-9	4	14
48	4βHydroxycholesterol level significantly correlates with steady-state serum concentration of the CYP3A4 substrate quetiapine in psychiatric patients. <i>British Journal of Clinical Pharmacology</i> , <b>2017</b> , 83, 2398-2405	3.8	13
47	Severity and management of drug-drug interactions in acute geriatric patients. <i>Drugs and Aging</i> , <b>2013</b> , 30, 721-7	4.7	13
46	Impairment of endoxifen formation in tamoxifen-treated premenopausal breast cancer patients carrying reduced-function CYP2D6 alleles. <i>British Journal of Clinical Pharmacology</i> , <b>2021</b> , 87, 1243-1252	3.8	13

45	The effect of ethinylestradiol-containing contraceptives on the serum concentration of olanzapine and N-desmethyl olanzapine. <i>British Journal of Clinical Pharmacology</i> , <b>2011</b> , 71, 611-5	3.8	12
44	Age Impacts Olanzapine Exposure Differently During Use of Oral Versus Long-Acting Injectable Formulations: An Observational Study Including 8,288 Patients. <i>Journal of Clinical Psychopharmacology</i> , <b>2018</b> , 38, 570-576	1.7	12
43	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. <i>Biological Psychiatry</i> , <b>2022</b> , 91, 102-117	7.9	11
42	An International Adult Guideline for Making Clozapine Titration Safer by Using Six Ancestry-Based Personalized Dosing Titrations, CRP, and Clozapine Levels.. <i>Pharmacopsychiatry</i> , <b>2021</b> , 55,	2	11
41	Prevalence and risk factors of drug-related hospitalizations in multimorbid patients admitted to an internal medicine ward. <i>PLoS ONE</i> , <b>2019</b> , 14, e0220071	3.7	10
40	Impact of Ageing on Serum Concentrations of Risperidone and Its Active Metabolite in Patients with Known CYP2D6 Genotype. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2016</b> , 119, 470-475	3.1	10
39	Identification of a novel polymorphism associated with reduced clozapine concentration in schizophrenia patients-a genome-wide association study adjusting for smoking habits. <i>Translational Psychiatry</i> , <b>2020</b> , 10, 198	8.6	9
38	Associations between Cytokine Levels and CYP3A4 Phenotype in Patients with Rheumatoid Arthritis. <i>Drug Metabolism and Disposition</i> , <b>2018</b> , 46, 1384-1389	4	9
37	Cooperation between geriatricians and general practitioners for improved pharmacotherapy in home-dwelling elderly people receiving polypharmacy - the COOP Study: study protocol for a cluster randomised controlled trial. <i>Trials</i> , <b>2017</b> , 18, 158	2.8	9
36	Therapeutic Drug Monitoring of Selective Serotonin Reuptake Inhibitors in Elderly Patients. <i>Therapeutic Drug Monitoring</i> , <b>2015</b> , 37, 546-9	3.2	9
35	Serum Concentrations and Elimination Rates of Direct-Acting Oral Anticoagulants (DOACs) in Older Hip Fracture Patients Hospitalized for Surgery: A Pilot Study. <i>Drugs and Aging</i> , <b>2019</b> , 36, 65-71	4.7	9
34	Correlation Between Serum Concentrations of N-Desmethylclozapine and Granulocyte Levels in Patients with Schizophrenia: A Retrospective Observational Study. <i>CNS Drugs</i> , <b>2017</b> , 31, 991-997	6.7	8
33	Increased frequency of CYP2C9 variant alleles and homozygous VKORC1*2B carriers in warfarin-treated patients with excessive INR response. <i>European Journal of Clinical Pharmacology</i> , <b>2010</b> , 66, 525-30	2.8	8
32	. <i>Drug Metabolism and Disposition</i> , <b>2021</b> ,	4	8
31	Reduction in N-Desmethylclozapine Level Is Determined by Daily Dose But Not Serum Concentration of Valproic Acid-Indications of a Presystemic Interaction Mechanism. <i>Therapeutic Drug Monitoring</i> , <b>2019</b> , 41, 503-508	3.2	8
30	The Influence of Combined CYP2D6 and CYP2C19 Genotypes on Venlafaxine and O-Desmethylvenlafaxine Concentrations in a Large Patient Cohort. <i>Journal of Clinical Psychopharmacology</i> , <b>2020</b> , 40, 137-144	1.7	7
29	Impact of genotype-predicted CYP2D6 metabolism on clinical effects and tolerability of metoprolol in patients after myocardial infarction - a prospective observational study. <i>European Journal of Clinical Pharmacology</i> , <b>2020</b> , 76, 673-683	2.8	6
28	Variability in Cytochrome P450-Mediated Metabolism of Cardiovascular Drugs: Clinical Implications and Practical Attempts to Avoid Potential Problems. <i>Cardiology</i> , <b>2004</b> , 4, 55-79		6

27	Impact of age and CYP2D6 genetics on exposure of aripiprazole and dehydroaripiprazole in patients using long-acting injectable versus oral formulation: relevance of poor and intermediate metabolizer status. <i>European Journal of Clinical Pharmacology</i> , <b>2020</b> , 76, 41-49	2.8	6
26	Rates of complete nonadherence among atypical antipsychotic drugs: A study using blood samples from 13,217 outpatients with psychotic disorders. <i>Schizophrenia Research</i> , <b>2021</b> , 228, 590-596	3.6	6
25	European Whites May Need Lower Minimum Therapeutic Clozapine Doses Than Those Customarily Proposed. <i>Journal of Clinical Psychopharmacology</i> , <b>2021</b> , 41, 140-147	1.7	6
24	Bodyweight-adjustments introduce significant correlations between CYP3A metrics and tacrolimus clearance. <i>British Journal of Clinical Pharmacology</i> , <b>2017</b> , 83, 1350-1352	3.8	5
23	Elevated 4βHydroxycholesterol/cholesterol ratio in anorexia nervosa patients. <i>Pharmacology Research and Perspectives</i> , <b>2018</b> , 6, e00430	3.1	5
22	Effect of teaching and checklist implementation on accuracy of medication history recording at hospital admission. <i>International Journal of Clinical Pharmacy</i> , <b>2016</b> , 38, 20-4	2.3	4
21	Use of Antidepressants in Older People during a 10-Year Period: An Observational Study on Prescribed Doses and Serum Levels. <i>Drugs and Aging</i> , <b>2020</b> , 37, 691-701	4.7	4
20	Impact of antipsychotic polypharmacy on nonadherence of oral antipsychotic drugs - A study based on blood sample analyses from 24,239 patients. <i>European Neuropsychopharmacology</i> , <b>2020</b> , 37, 64-69	1.2	4
19	Reduced Function Variants and Genotype/Phenotype Translations of CYP2D6 Intermediate Metabolizers: Implications for Personalized Drug Dosing in Psychiatry. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 650750	5.6	4
18	Evaluation of the CYP2D6 Haplotype Activity Scores Based on Metabolic Ratios of 4,700 Patients Treated With Three Different CYP2D6 Substrates. <i>Clinical Pharmacology and Therapeutics</i> , <b>2021</b> , 110, 750-758	6.1	4
17	Genetic Association Between Schizophrenia and Cortical Brain Surface Area and Thickness. <i>JAMA Psychiatry</i> , <b>2021</b> , 78, 1020-1030	14.5	4
16	Effect of Grapefruit Juice Intake on Serum Level of the Endogenous CYP3A4 Metabolite 4βHydroxycholesterol-an Interaction Study in Healthy Volunteers. <i>AAPS Journal</i> , <b>2019</b> , 21, 58	3.7	3
15	Effect of Valproic Acid on the Metabolic Spectrum of Clozapine in Patients With Schizophrenia.. <i>Journal of Clinical Psychopharmacology</i> , <b>2022</b> , 42, 43-50	1.7	3
14	Undetectable or subtherapeutic serum levels of antipsychotic drugs preceding switch to clozapine. <i>NPJ Schizophrenia</i> , <b>2020</b> , 6, 17	5.5	3
13	Therapeutic drug monitoring of clozapine in adults with schizophrenia: a review of challenges and strategies. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2021</b> , 17, 1211-1221	5.5	3
12	Gjestad et al. reply to RWas 4βHydroxycholesterol ever going to be a useful marker of CYP3A4 activity?Rby Neuhoff and Tucker. <i>British Journal of Clinical Pharmacology</i> , <b>2018</b> , 84, 1624-1625	3.8	2
11	Celecoxib is often combined with cytochrome P450 2D6 substrates in general clinical practice. <i>Clinical Pharmacology and Therapeutics</i> , <b>2005</b> , 78, 93	6.1	2
10	Impact of age and CYP2D6 genotype on exposure of zuclopenthixol in patients using long-acting injectable versus oral formulation-an observational study including 2044 patients. <i>European Journal of Clinical Pharmacology</i> , <b>2021</b> , 77, 215-221	2.8	2

9	The polymorphic nuclear factor NF1B regulates hepatic CYP2D6 expression and influences risperidone metabolism in psychiatric patients.. <i>Clinical Pharmacology and Therapeutics</i> , <b>2022</b> ,	6.1	2
8	Recovery of CYP3A Phenotype after Kidney Transplantation. <i>Drug Metabolism and Disposition</i> , <b>2017</b> , 45, 1260-1265	4	1
7	Effect of medicines management versus standard care on readmissions in multimorbid patients: a randomised controlled trial. <i>BMJ Open</i> , <b>2020</b> , 10, e041558	3	1
6	Dose-Dependent Inhibition of CYP2D6 by Bupropion in Patients With Depression. <i>Journal of Clinical Psychopharmacology</i> , <b>2021</b> , 41, 281-285	1.7	1
5	Validation of a Population Pharmacokinetic Model of Vortioxetine Using Therapeutic Drug Monitoring Data. <i>Clinical Pharmacokinetics</i> , <b>2021</b> , 60, 1475-1486	6.2	1
4	Impact of age and gender on paliperidone exposure in patients after administration of long-acting injectable formulations-an observational study using blood samples from 1223 patients. <i>European Journal of Clinical Pharmacology</i> , <b>2021</b> , 77, 1201-1208	2.8	0
3	Absolute and Dose-Adjusted Serum Concentrations of Clozapine in Patients Switching vs. Maintaining Treatment: An Observational Study of 1979 Patients. <i>CNS Drugs</i> , <b>2021</b> , 35, 999-1008	6.7	0
2	Prescribed Doses of CYP2D6-Metabolized Drugs and Hemodynamic Responses in Relation to CYP2D6 Genotype Among Older Patients Exposed to Polypharmacy. <i>Drugs and Aging</i> , <b>2020</b> , 37, 425-433 <sup>4-7</sup>		
1	Association between statin use and physical performance in home-dwelling older patients receiving polypharmacy: cross-sectional study.. <i>BMC Geriatrics</i> , <b>2022</b> , 22, 242	4.1	