

Dora Koller

List of Publications by Year in descending order

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42
papers

763
citations

566801

15
h-index

610482

24
g-index

54
all docs

54
docs citations

54
times ranked

972
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of the Most Relevant CYP3A4 and CYP3A5 Polymorphisms on the Pharmacokinetic Parameters of 10 CYP3A Substrates. <i>Biomedicines</i> , 2020, 8, 94.	1.4	57
2	Effect of ABCB1 C3435T Polymorphism on Pharmacokinetics of Antipsychotics and Antidepressants. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 123, 474-485.	1.2	51
3	Effect of Polymorphisms on the Pharmacokinetics, Pharmacodynamics and Safety of Sertraline in Healthy Volunteers. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 122, 501-511.	1.2	45
4	Differential effects of oxytocin on social sensitivity in two distinct breeds of dogs (<i>Canis familiaris</i>). <i>Psychoneuroendocrinology</i> , 2016, 74, 212-220.	1.3	44
5	Effective quantification of 11 tyrosine kinase inhibitors and caffeine in human plasma by validated LC-MS/MS method with potent phospholipids clean-up procedure. Application to therapeutic drug monitoring. <i>Talanta</i> , 2020, 208, 120450.	2.9	43
6	Simultaneous determination of six antipsychotics, two of their metabolites and caffeine in human plasma by LC-MS/MS using a phospholipid-removal microelution-solid phase extraction method for sample preparation. <i>Talanta</i> , 2019, 198, 159-168.	2.9	39
7	Polymorphisms associated with fentanyl pharmacokinetics, pharmacodynamics and adverse effects. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 124, 321-329.	1.2	39
8	Polymorphisms in <i>CYP1A2</i> , <i>CYP2C9</i> and <i>ABCB1</i> affect agomelatine pharmacokinetics. <i>Journal of Psychopharmacology</i> , 2019, 33, 522-531.	2.0	36
9	Utility of Therapeutic Drug Monitoring of Imatinib, Nilotinib, and Dasatinib in Chronic Myeloid Leukemia: A Systematic Review and Meta-analysis. <i>Clinical Therapeutics</i> , 2019, 41, 2558-2570.e7.	1.1	31
10	Genetic Polymorphisms Associated With the Pharmacokinetics, Pharmacodynamics and Adverse Effects of Olanzapine, Aripiprazole and Risperidone. <i>Frontiers in Pharmacology</i> , 2021, 12, 711940.	1.6	24
11	Dog-Owner Attachment Is Associated With Oxytocin Receptor Gene Polymorphisms in Both Parties. A Comparative Study on Austrian and Hungarian Border Collies. <i>Frontiers in Psychology</i> , 2018, 9, 435.	1.1	23
12	Influence of CYP450 Enzymes, CES1, PON1, ABCB1, and P2RY12 Polymorphisms on Clopidogrel Response in Patients Subjected to a Percutaneous Neurointervention. <i>Clinical Therapeutics</i> , 2019, 41, 1199-1212.e2.	1.1	23
13	Effective phospholipids removing microelution-solid phase extraction LC-MS/MS method for simultaneous plasma quantification of aripiprazole and dehydro-aripiprazole: Application to human pharmacokinetic studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 151, 116-125.	1.4	22
14	Using phenotype risk scores to enhance gene discovery for generalized anxiety disorder and posttraumatic stress disorder. <i>Molecular Psychiatry</i> , 2022, 27, 2206-2215.	4.1	22
15	The effects of aripiprazole and olanzapine on pupillary light reflex and its relationship with pharmacogenetics in a randomized multiple-dose trial. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 2051-2062.	1.1	19
16	Metabolic Effects of Aripiprazole and Olanzapine Multiple-Dose Treatment in a Randomised Crossover Clinical Trial in Healthy Volunteers: Association with Pharmacogenetics. <i>Advances in Therapy</i> , 2021, 38, 1035-1054.	1.3	17
17	Oxytocin and Opioid Receptor Gene Polymorphisms Associated with Greeting Behavior in Dogs. <i>Frontiers in Psychology</i> , 2017, 8, 1520.	1.1	16
18	Influence of <i>CYP2C19</i> Phenotype on the Effect of Clopidogrel in Patients Undergoing a Percutaneous Neurointervention Procedure. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 105, 661-671.	2.3	16

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19	Effect of Sex, Use of Pantoprazole and Polymorphisms in SLC22A1, ABCB1, CES1, CYP3A5 and CYP2D6 on the Pharmacokinetics and Safety of Dabigatran. <i>Advances in Therapy</i> , 2020, 37, 3537-3550.	1.3	16
20	Genetically regulated multi-omics study for symptom clusters of posttraumatic stress disorder highlights pleiotropy with hematologic and cardio-metabolic traits. <i>Molecular Psychiatry</i> , 2022, 27, 1394-1404.	4.1	15
21	Context and Individual Characteristics Modulate the Association between Oxytocin Receptor Gene Polymorphism and Social Behavior in Border Collies. <i>Frontiers in Psychology</i> , 2017, 8, 2232.	1.1	12
22	Impact of polymorphisms in transporter and metabolizing enzyme genes on olanzapine pharmacokinetics and safety in healthy volunteers. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 111087.	2.5	12
23	Evaluation of Voriconazole CYP2C19 Phenotype-Guided Dose Adjustments by Physiologically Based Pharmacokinetic Modeling. <i>Clinical Pharmacokinetics</i> , 2021, 60, 261-270.	1.6	12
24	Gaze-Following and Reaction to an Aversive Social Interaction Have Corresponding Associations with Variation in the OXTR Gene in Dogs but Not in Human Infants. <i>Frontiers in Psychology</i> , 2017, 8, 2156.	1.1	11
25	Important Pharmacogenetic Information for Drugs Prescribed During the SARS-CoV-2 Infection (COVID-19). <i>Clinical and Translational Science</i> , 2020, 13, 1023-1033.	1.5	11
26	Influence of CYP2D6 Phenotypes on the Pharmacokinetics of Aripiprazole and Dehydro-Aripiprazole Using a Physiologically Based Pharmacokinetic Approach. <i>Clinical Pharmacokinetics</i> , 2021, 60, 1569-1582.	1.6	11
27	Effects of aripiprazole on pupillometric parameters related to pharmacokinetics and pharmacogenetics after single oral administration to healthy subjects. <i>Journal of Psychopharmacology</i> , 2018, 32, 1212-1222.	2.0	10
28	Safety and cardiovascular effects of multiple-dose administration of aripiprazole and olanzapine in a randomised clinical trial. <i>Human Psychopharmacology</i> , 2021, 36, 1-12.	0.7	10
29	The second-generation antipsychotic drug aripiprazole modulates the serotonergic system in pancreatic islets and induces beta cell dysfunction in female mice. <i>Diabetologia</i> , 2022, 65, 490-505.	2.9	9
30	Involvement of CYP2D6 and CYP2B6 on tramadol pharmacokinetics. <i>Pharmacogenomics</i> , 2020, 21, 663-675.	0.6	8
31	How to make P-glycoprotein (<i>ABCB1</i> , <i>MDR1</i>) harbor mutations and measure its expression and activity in cell cultures?. <i>Pharmacogenomics</i> , 2018, 19, 1285-1297.	0.6	7
32	Effects of aripiprazole on circadian prolactin secretion related to pharmacogenetics in healthy volunteers. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020, 126, 236-246.	1.2	7
33	CYP2D6 Genetic Variation and Antipsychotic-Induced Weight Gain: A Systematic Review and Meta-Analysis. <i>Frontiers in Psychology</i> , 2021, 12, 768748.	1.1	7
34	Effect of Polymorphisms in CYP2C9 and CYP2C19 on the Disposition, Safety and Metabolism of Progesterone Administrated Orally or Vaginally. <i>Advances in Therapy</i> , 2019, 36, 2744-2755.	1.3	6
35	The pharmacogenetics of aripiprazole-induced hyperprolactinemia: what do we know?. <i>Pharmacogenomics</i> , 2020, 21, 571-574.	0.6	6
36	Biobank Scale Pharmacogenomics Informs the Genetic Underpinnings of Simvastatin Use. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 110, 777-785.	2.3	5

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37	ACE2 Netlas: In silico Functional Characterization and Drug-Gene Interactions of ACE2 Gene Network to Understand Its Potential Involvement in COVID-19 Susceptibility. <i>Frontiers in Genetics</i> , 2021, 12, 698033.	1.1	4
38	HCP5 rs2395029 is a rapid and inexpensive alternative to HLA-B*57:01 genotyping to predict abacavir hypersensitivity reaction in Spain. <i>Pharmacogenetics and Genomics</i> , 2021, 31, 53-59.	0.7	4
39	The association of obesity-related traits on COVID-19 severity and hospitalization is affected by socio-economic status: a multivariable Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2022, 51, 1371-1383.	0.9	4
40	The integration of genetically-regulated transcriptomics and electronic health records highlights a pattern of medical outcomes related to increased hepatic <i>transferrin</i> expression. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2022, 29, 110-119.	1.4	1
41	T74EFFECTS OF THE ATYPICAL ANTIPSYCHOTIC ARIPIPRAZOLE ON PLASMA PROLACTIN LEVELS RELATED TO PHARMACOGENETICS IN HEALTHY VOLUNTEERS. <i>European Neuropsychopharmacology</i> , 2019, 29, S254-S255.	0.3	0
42	The molecular effect of a polymorphic microRNA binding site of Wolfram syndrome 1 gene in dogs. <i>BMC Genetics</i> , 2020, 21, 82.	2.7	0