

## List of Publications by Year in descending order

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98  
papers

2,589  
citations

172207

29  
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233125

45  
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116  
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116  
docs citations

116  
times ranked

3795  
citing authors

#	ARTICLE	IF	CITATIONS
1	The kynurenine pathway is activated in human obesity and shifted toward kynurenine monoxygenase activation. <i>Obesity</i> , 2015, 23, 2066-2074.	1.5	196
2	Nonresponse to Clozapine and Ultrarapid CYP1A2 Activity. <i>Journal of Clinical Psychopharmacology</i> , 2004, 24, 214-219.	0.7	104
3	Tryptophan metabolism activation by indoleamine 2,3-dioxygenase in adipose tissue of obese women: an attempt to maintain immune homeostasis and vascular tone. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R135-R143.	0.9	95
4	Characterization of the <i>in vivo</i> immune network of IDO, tryptophan metabolism, PD-L1, and CTLA-4 in circulating immune cells in melanoma. <i>Oncolmmunology</i> , 2015, 4, e982382.	2.1	95
5	Chemical Evaluation of Electronic Cigarettes: Multicomponent Analysis of Liquid Refills and their Corresponding Aerosols. <i>Journal of Analytical Toxicology</i> , 2017, 41, 670-678.	1.7	77
6	Near-fatal tramadol cardiotoxicity in a CYP2D6 ultrarapid metabolizer. <i>European Journal of Clinical Pharmacology</i> , 2011, 67, 855-858.	0.8	74
7	Comparison of the chemical composition of aerosols from heated tobacco products, electronic cigarettes and tobacco cigarettes and their toxic impacts on the human bronchial epithelial BEAS-2B cells. <i>Journal of Hazardous Materials</i> , 2021, 401, 123417.	6.5	73
8	ITPA genotyping test does not improve detection of Crohn's disease patients at risk of azathioprine/6-mercaptopurine induced myelosuppression. <i>Gut</i> , 2005, 54, 565-565.	6.1	63
9	Comparison of cellular and transcriptomic effects between electronic cigarette vapor and cigarette smoke in human bronchial epithelial cells. <i>Toxicology in Vitro</i> , 2017, 45, 417-425.	1.1	59
10	In vitro characterization of four novel non-functional variants of the thiopurine S-methyltransferase. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 1005-1010.	1.0	54
11	Prevalence of new psychoactive substances and prescription drugs in the Belgian driving under the influence of drugs population. <i>Drug Testing and Analysis</i> , 2018, 10, 539-547.	1.6	54
12	Identification of a novel splice-site mutation in the CYP1A2 gene. <i>British Journal of Clinical Pharmacology</i> , 2003, 56, 341-344.	1.1	53
13	Characterisation of novel defective thiopurine S-methyltransferase allelic variants. <i>Biochemical Pharmacology</i> , 2008, 76, 404-415.	2.0	53
14	Influence of puffing conditions on the carbonyl composition of e-cigarette aerosols. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 136-146.	2.1	52
15	Tryptophan catabolism in <i>Pseudomonas aeruginosa</i> and potential for inter-kingdom relationship. <i>BMC Microbiology</i> , 2016, 16, 137.	1.3	49
16	Identification and functional analysis of two rare allelic variants of the thiopurine S-methyltransferase gene, TPMT*16 and TPMT*19. <i>Biochemical Pharmacology</i> , 2005, 69, 525-529.	2.0	47
17	Genetic polymorphism of the human cytochrome CYP2A13 in a French population: implication in lung cancer susceptibility. <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 662-669.	1.0	45
18	Effectiveness of a Closed-System Transfer Device in Reducing Surface Contamination in a New Antineoplastic Drug-Compounding Unit: A Prospective, Controlled, Parallel Study. <i>PLoS ONE</i> , 2016, 11, e0159052.	1.1	45

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19	Five novel natural allelic variants-951A>C, 1042G>A (D348N), 1156A>T (I386F), 1217G>A (C406Y) and 1291C>T (C431Y)-of the human CYP1A2 gene in a French Caucasian population. <i>Human Mutation</i> , 2001, 17, 355-6.	1.1	41
20	Ethnic differences in the distribution of CYP3A5 gene polymorphisms. <i>Xenobiotica</i> , 2006, 36, 1191-1200.	0.5	40
21	Xenobiotic metabolism and disposition in human lung: Transcript profiling in non-tumoral and tumoral tissues. <i>Biochimie</i> , 2011, 93, 1012-1027.	1.3	40
22	Detection of the designer benzodiazepine metizolam in urine and preliminary data on its metabolism. <i>Drug Testing and Analysis</i> , 2017, 9, 1026-1033.	1.6	40
23	<i>In vitro</i> characterization of potential CYP- and UGT-derived metabolites of the psychoactive drug 25-NBOMe using LC-high resolution MS. <i>Drug Testing and Analysis</i> , 2016, 8, 248-256.	1.6	39
24	Trace elements in e-liquids - Development and validation of an ICP-MS method for the analysis of electronic cigarette refills. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 79, 144-148.	1.3	39
25	Characterization of new mutations in the coding sequence and 5'-untranslated region of the human prostacyclin synthase gene (CYP8A1). <i>Human Genetics</i> , 2001, 108, 148-155.	1.8	38
26	Fatality involving oxycodone documented by identification of metabolites. <i>Drug Testing and Analysis</i> , 2018, 10, 995-1000.	1.6	34
27	Case report: relevance of metabolite identification to detect new synthetic opioid intoxications illustrated by U-47700. <i>International Journal of Legal Medicine</i> , 2019, 133, 133-142.	1.2	34
28	In vitro Characterization of NPS Metabolites Produced by Human Liver Microsomes and the HepaRG Cell Line Using Liquid Chromatography-high Resolution Mass Spectrometry (LC-HRMS) Analysis: Application to Furanyl Fentanyl. <i>Current Pharmaceutical Biotechnology</i> , 2018, 18, 806-814.	0.9	32
29	Traffic-related air pollution. A pilot exposure assessment in Beirut, Lebanon. <i>Chemosphere</i> , 2014, 96, 122-128.	4.2	31
30	Metabolites of tryptophan catabolism are elevated in sera of patients with myelodysplastic syndromes and inhibit hematopoietic progenitor amplification. <i>Leukemia Research</i> , 2013, 37, 573-579.	0.4	29
31	Assessment of tobacco, alcohol and cannabinoid metabolites in 645 meconium samples of newborns compared to maternal self-reports. <i>Journal of Psychiatric Research</i> , 2017, 90, 86-93.	1.5	29
32	Five novel natural allelic variants-951A>C, 1042G>A (D348N), 1156A>T (I386F), 1217G>A (C406Y) and 1291C>T (C431Y)-of the human CYP1A2 gene in a French Caucasian population. <i>Human Mutation</i> , 2001, 17, 355-356.	1.1	28
33	Genetic polymorphism of the human cytochrome P450 CYP4B1: evidence for a non-functional allelic variant. <i>Pharmacogenetics and Genomics</i> , 2002, 12, 367-374.	5.7	27
34	Individual exposure level following indoor and outdoor air pollution exposure in Dakar (Senegal). <i>Environmental Pollution</i> , 2019, 248, 397-407.	3.7	27
35	Fatal intoxication related to two new arylcyclohexylamine derivatives (2F-DCK and 3-MeO-PCE). <i>Forensic Science International</i> , 2021, 324, 110852.	1.3	25
36	Identification of a Variable Number of Tandem Repeats Polymorphism and Characterization of LEF-1 Response Elements in the Promoter of the IDO1 Gene. <i>PLoS ONE</i> , 2011, 6, e25470.	1.1	25

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37	Characterization of Functional Polymorphisms and Glucocorticoid-Responsive Elements in the Promoter of TDO2, a Candidate Gene for Ethanol-Induced Behavioural Disorders. <i>Alcohol and Alcoholism</i> , 2013, 48, 415-425.	0.9	24
38	Pyroglutamide-Based P2X7 Receptor Antagonists Targeting Inflammatory Bowel Disease. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2074-2094.	2.9	24
39	Genetic polymorphism of CYP2U1, a cytochrome P450 involved in fatty acids hydroxylation. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2010, 83, 105-110.	1.0	23
40	Molecular analysis of the CYP2F1 gene: Identification of a frequent non-functional allelic variant. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 617, 79-89.	0.4	21
41	Post-Bariatric Surgery Changes in Quinolinic and Xanthurenic Acid Concentrations Are Associated with Glucose Homeostasis. <i>PLoS ONE</i> , 2016, 11, e0158051.	1.1	21
42	New psychoactive substances in oral fluid of French and Belgian drivers in 2016. <i>International Journal of Drug Policy</i> , 2018, 57, 1-3.	1.6	21
43	New psychoactive substances in oral fluid of drivers around a music festival in south-west France in 2017. <i>Forensic Science International</i> , 2019, 297, 265-269.	1.3	21
44	Evidence for a functional genetic polymorphism of the human retinoic acid- $\alpha$ metabolizing enzyme CYP26A1, an enzyme that may be involved in spina bifida. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2006, 76, 491-498.	1.6	20
45	Prevention of isoniazid toxicity by NAT2 genotyping in Senegalese tuberculosis patients. <i>Toxicology Reports</i> , 2016, 3, 826-831.	1.6	20
46	Ameliorative effect of vitamin C against hepatotoxicity induced by emamectin benzoate in rats. <i>Human and Experimental Toxicology</i> , 2017, 36, 709-717.	1.1	20
47	First report of a genetic polymorphism of the cytochrome P450 3A43 (CYP3A43) gene: Identification of a loss-of-function variant. <i>Human Mutation</i> , 2004, 23, 101-101.	1.1	19
48	Pitfalls of toxicological investigations in hair, bones, and nails in extensively decomposed bodies: illustration with two cases. <i>International Journal of Legal Medicine</i> , 2020, 134, 1339-1344.	1.2	19
49	Hair analysis can support the follow-up addiction care after acute New Psychoactive Substances intoxication: Illustration by two cases. <i>Drug Testing and Analysis</i> , 2021, 13, 227-234.	1.6	18
50	Genetic polymorphisms of Glycine N-acyltransferase (GLYAT) in a French Caucasian population. <i>Xenobiotica</i> , 2010, 40, 853-861.	0.5	17
51	A case report of carfentanil-related fatality in France. <i>Toxicologie Analytique Et Clinique</i> , 2019, 31, 323-331.	0.1	17
52	Anti- $\alpha$ -fetogenic and antiepileptogenic properties of perampanel in mature and immature rats. <i>Epilepsia</i> , 2017, 58, 1985-1992.	2.6	16
53	TRAnexamic acid in hemorrhagic CESarean section (TRACES) randomized placebo controlled dose-ranging pharmacobiological ancillary trial: study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 149.	0.7	16
54	Genetic polymorphism of CYP4A11 and CYP4A22 genes and in silico insights from comparative 3D modelling in a French population. <i>Gene</i> , 2011, 487, 10-20.	1.0	15

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55	Metabolite elucidation of 2- <i>fluoro</i> -deschloroketamine (2- <i>DK</i> ) using molecular networking across three complementary <i>in vitro</i> and <i>in vivo</i> models. <i>Drug Testing and Analysis</i> , 2022, 14, 144-153.	1.6	15
56	Use of Hair Testing to Determine Methadone Exposure in Pediatric Deaths. <i>Journal of Forensic Sciences</i> , 2014, 59, 1436-1440.	0.9	14
57	CHEMSEX, NPS & risk reduction management: Preliminary results of a pilot study. <i>Toxicologie Analytique Et Clinique</i> , 2017, 29, 47-56.	0.1	14
58	Risk factors associated to tobacco and alcohol use in a large French cohort of pregnant women. <i>Archives of Women's Mental Health</i> , 2019, 22, 267-277.	1.2	14
59	Sequence analysis, frequency and ethnic distribution of VNTR polymorphism in the 5'-untranslated region of the human prostacyclin synthase gene (CYP8A1). <i>Prostaglandins and Other Lipid Mediators</i> , 2002, 70, 31-37.	1.0	13
60	Induction of TDO2 and IDO2 in Liver by High-Fat Feeding in Mice: Discrepancies with Human Obesity. <i>International Journal of Tryptophan Research</i> , 2013, 6s1, IJTR.S11717.	1.0	13
61	Systemic immune changes associated with adjuvant interferon- $\beta$ -therapy in stage III melanoma patients. <i>Melanoma Research</i> , 2015, 25, 357-361.	0.6	13
62	Therapeutic and pharmaco-biological, dose-ranging multicentre trial to determine the optimal dose of TRANexamic acid to reduce blood loss in haemorrhagic CESarean delivery (TRACES): study protocol for a randomised, double-blind, placebo-controlled trial. <i>Trials</i> , 2018, 19, 148.	0.7	13
63	Functional characterization of genetic polymorphisms identified in the human cytochrome P450 4F12 (CYP4F12) promoter region. <i>Biochemical Pharmacology</i> , 2004, 67, 2231-2238.	2.0	12
64	CYP2A13 genetic polymorphism in French Caucasian, Gabonese and Tunisian populations. <i>Xenobiotica</i> , 2005, 35, 661-669.	0.5	12
65	Identification by single-strand conformational polymorphism analysis of known and new mutations of the CYP3A5 gene in a French population. <i>Toxicology Letters</i> , 2006, 164, 177-184.	0.4	12
66	Impact of Tryptophan Metabolism on the Vulnerability to Alcohol-Related Blackouts and Violent Impulsive Behaviours. <i>Alcohol and Alcoholism</i> , 2010, 45, 79-88.	0.9	12
67	<i>IMP2</i> Genetic Polymorphism: A Promoter Single-Nucleotide Polymorphism Disrupts a Cyclic Adenosine Monophosphate Responsive Element. <i>Genetic Testing and Molecular Biomarkers</i> , 2009, 13, 841-847.	0.3	11
68	Emamectin benzoate (Proclaim <sup>®</sup> ) mediates biochemical changes and histopathological damage in the kidney of male Wistar rats ( <i>Rattus norvegicus</i> ). <i>Toxicologie Analytique Et Clinique</i> , 2015, 27, 72-80.	0.1	11
69	Prevalence of New Psychoactive Substances in Oral Fluid Specimens from French and Belgian Drivers: Comparison 2016/2017. <i>Journal of Analytical Toxicology</i> , 2019, 43, e9-e10.	1.7	11
70	Human CYP4F12 genetic polymorphism: identification and functional characterization of seven variant allozymes. <i>Biochemical Pharmacology</i> , 2004, 68, 2417-2425.	2.0	10
71	CYP2F1 genetic polymorphism: Identification of interethnic variations. <i>Xenobiotica</i> , 2007, 37, 1433-1438.	0.5	10
72	Prevalence of New Psychoactive Substances in Oral Fluid Samples from French Drivers: A Longitudinal Survey (2016-2020). <i>Journal of Analytical Toxicology</i> , 2021, 45, e20-e21.	1.7	10

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73	Study of NAT2 genetic polymorphism in West African subjects: example of a healthy non-smoker Senegalese population. <i>Molecular Biology Reports</i> , 2012, 39, 10489-10496.	1.0	9
74	Clinical Relevance of Serum Kyn/Trp Ratio and Basal and IFN $\gamma$ -Upregulated IDO1 Expression in Peripheral Monocytes in Early Stage Melanoma. <i>Frontiers in Immunology</i> , 2021, 12, 736498.	2.2	8
75	Allele frequency of inosine triphosphate pyrophosphatase (ITPA) and thiopurine-S-methyl transferase (TPMT) genes in the Tunisian population. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2012, 36, 178-184.	0.7	7
76	Case reports: Four concomitant non-fatal intoxications with AB-FUBINACA and MDMA. <i>Toxicologie Analytique Et Clinique</i> , 2017, 29, 101-110.	0.1	7
77	LSD instead of 25I-NBOMe: The revival of LSD? A case report. <i>Toxicologie Analytique Et Clinique</i> , 2017, 29, 139-143.	0.1	7
78	Retrospective identification of 25I-NBOMe metabolites in an intoxication case. <i>Toxicologie Analytique Et Clinique</i> , 2017, 29, 71-81.	0.1	7
79	A decontamination process adding a tensioactive agent and isopropanol to a closed-system drug transfer device for better control of isolator contamination. A prospective, parallel study. <i>PLoS ONE</i> , 2018, 13, e0201335.	1.1	7
80	Involuntary 5F-ADB-related intoxication following e-cigarette use. <i>International Journal of Legal Medicine</i> , 2021, 135, 1467-1470.	1.2	7
81	Inter-ethnic variability of three functional polymorphisms affecting the IMPDH2 gene. <i>Molecular Biology Reports</i> , 2011, 38, 5185-5188.	1.0	6
82	Takotsubo cardiomyopathy as a consequence of 4-fluoroamphetamine Mono-intoxication documented by toxicological analyses. <i>Clinical Toxicology</i> , 2021, 59, 73-74.	0.8	5
83	Dépression respiratoire après ingestion de méthadone et découverte d'une polyintoxication chronique, ou d'une polytoxicomanie, chez un enfant de 10 ans par une analyse segmentaire des cheveux. <i>Toxicologie Analytique Et Clinique</i> , 2010, 22, 123-128.	0.1	5
84	Pharmacokinetics of Curative Tranexamic Acid in Parturients Undergoing Cesarean Delivery. <i>Pharmaceutics</i> , 2022, 14, 578.	2.0	5
85	Putatively lethal ingestion of isopropyl alcohol-related case: interpretation of post mortem isopropyl alcohol and acetone concentrations remains challenging. <i>International Journal of Legal Medicine</i> , 2021, 135, 175-182.	1.2	4
86	The comeback of Ecstasy: New designs and increased MDMA content. <i>Toxicologie Analytique Et Clinique</i> , 2017, 29, 144-145.	0.1	3
87	New psychoactive substances in a drugged driving population: Preliminary results. <i>Toxicologie Analytique Et Clinique</i> , 2017, 29, 41-46.	0.1	3
88	Fastidious chemical decontamination after cyclophosphamide vial breakage in a compounding unit. <i>Journal of Oncology Pharmacy Practice</i> , 2020, 26, 2038-2041.	0.5	3
89	Benzoylfentanyl and parafluorobutyrfentanyl: Some analytical and metabolism data. <i>Toxicologie Analytique Et Clinique</i> , 2019, 31, 258-267.	0.1	3
90	Development and validation of a GC-MS/MS method for the determination of ethylglucuronide in human urine and serum. <i>Toxicologie Analytique Et Clinique</i> , 2011, 23, 183-191.	0.1	3

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91	Metabolomic alteration induced by psychotropic drugs: Short-term metabolite profile as a predictor of weight gain evolution. <i>Clinical and Translational Science</i> , 2021, 14, 2544-2555.	1.5	2
92	Tramadol-Related Deaths: Genetic Analysis in Relation to Metabolic Ratios. <i>Journal of Analytical Toxicology</i> , 2022, 46, 791-796.	1.7	2
93	In Heroin-Related Fatalities, Testing for 6-Acetylmorphine in Vitreous Humor Seems to Be of Higher Sensitivity than in Blood or Urine. <i>Journal of Analytical Toxicology</i> , 2021, 44, e9-e10.	1.7	1
94	Intoxication s'accompagner par cardiotropes avec suivi en temps réel des concentrations sanguines. <i>Toxicologie Analytique Et Clinique</i> , 2021, 33, 147-147.	0.1	1
95	Pharmacogenetics and Tramadol-Related Fatalities. , 0, , .		1
96	La pharmaco-toxicogénétique et ses applications médicales. <i>Revue Francophone Des Laboratoires</i> , 2016, 2016, 51-58.	0.0	0
97	Pharmacogénétique. , 2012, , 73-98.		0
98	At the Origins of Tobacco-Smoking and Tea Consumption in a Virgin Population (Yakutia, 1650-1900) <i>Tj ETQq0 0 0 rgBT /Overlock 10</i> 1271.	1.3	0