Sotiria Boukouvala

List of Publications by Citations

20 papers	551 citations	11 h-index	22 g-index
22 ext. papers	641 ext. citations	4 avg, IF	3.64 L-index

#	Paper	IF	Citations
20	Arylamine N-acetyltransferases: what we learn from genes and genomes. *Drug Metabolism Reviews*, **2005**, 37, 511-64	7	117
19	Arylamine N-acetyltransferases: from structure to function. *Drug Metabolism Reviews*, **2008**, 40, 479-510	7	106
18	PharmGKB summary: very important pharmacogene information for N-acetyltransferase 2. *Pharmacogenetics and Genomics*, **2014**, 24, 409-25	1.9	72
17	Changes in consensus arylamine N-acetyltransferase gene nomenclature. *Pharmacogenetics and Genomics*, **2008**, 18, 367-8	1.9	54
16	Arylamine N-acetyltransferases--from drug metabolism and pharmacogenetics to identification of novel targets for pharmacological intervention. *Advances in Pharmacology*, **2012**, 63, 169-205	5.7	38
15	Rapid birth-and-death evolution of the xenobiotic metabolizing NAT gene family in vertebrates with evidence of adaptive selection. *BMC Evolutionary Biology*, **2013**, 13, 62	3	27
14	Arylamine N-acetyltransferases in prokaryotic and eukaryotic genomes: a survey of public databases. *Current Drug Metabolism*, **2008**, 9, 628-60	3.5	26
13	Comparative genomic and phylogenetic investigation of the xenobiotic metabolizing arylamine N-acetyltransferase enzyme family. *FEBS Letters*, **2010**, 584, 3158-64	3.8	23
12	PharmGKB summary: isoniazid pathway, pharmacokinetics. *Pharmacogenetics and Genomics*, **2016**, 26, 436-44	1.9	22
11	Homologues of xenobiotic metabolizing N-acetyltransferases in plant-associated fungi: Novel functions for an old enzyme family. *Scientific Reports*, **2015**, 5, 12900	4.9	19
10	Functional expression of human arylamine N-acetyltransferase NAT1*10 and NAT1*11 alleles: a mini review. *Pharmacogenetics and Genomics*, **2018**, 28, 238-244	1.9	14
9	Polymorphism p.Val231Ile alters substrate selectivity of drug-metabolizing arylamine N-acetyltransferase 2 (NAT2) isoenzyme of rhesus macaque and human. *Gene*, **2014**, 536, 65-73	3.8	10
8	Comparative analysis of xenobiotic metabolising N-acetyltransferases from ten non-human primates as in vitro models of human homologues. *Scientific Reports*, **2018**, 8, 9759	4.9	6
7	The actinobacterium Tsukamurella paurometabola has a functionally divergent arylamine N-acetyltransferase (NAT) homolog. *World Journal of Microbiology and Biotechnology*, **2019**, 35, 174	4.4	3
6	Population variability of rhesus macaque (Macaca mulatta) NAT1 gene for arylamine N-acetyltransferase 1: Functional effects and comparison with human. *Scientific Reports*, **2019**, 9, 10937	4.9	2
5	Arylamine N-Acetyltransferase Nomenclature **2018**, 411-420		2
4	The Genomics and Evolution of Arylamine N-Acetyltransferases in Animals **2018**, 197-229		1

List of Publications

3	Arylamine N-Acetyltransferases in Eukaryotic Microorganisms **2018**, 255-281		1
2	Comparative Investigation of 15 Xenobiotic-Metabolizing -Acetyltransferase (NAT) Homologs from Bacteria. *Applied and Environmental Microbiology*, **2021**, 87, e0081921	4.8	0
1	Functional variability of rhesus macaque (Macaca mulatta) NAT2 gene for drug-metabolising arylamine N-acetyltransferase 2. *Biochemical Pharmacology*, **2021**, 188, 114545	6	