

Alaattin Sen

List of Publications by Year in descending order

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59
papers

752
citations

687220

13
h-index

610775

24
g-index

62
all docs

62
docs citations

62
times ranked

893
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytochrome P4501A and associated mixed-function oxidase induction in fish as a biomarker for toxic carcinogenic pollutants in the aquatic environment. <i>Pure and Applied Chemistry</i> , 2000, 72, 985-994.	0.9	63
2	Effects of metals and detergents on biotransformation and detoxification enzymes of leaping mullet (<i>Liza saliens</i>). <i>Ecotoxicology and Environmental Safety</i> , 2007, 68, 405-411.	2.9	49
3	Prophylactic and therapeutic roles of oleanolic acid its derivatives in several diseases. <i>World Journal of Clinical Cases</i> , 2020, 8, 1767-1792.	0.3	39
4	Biochemical Characterization and Distribution of Glutathione S-Transferases in Leaping Mullet (<i>Liza</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	37
5	Hepatic cytochrome P4501A and 7-ethoxyresorufin O-deethylase induction in mullet and common sole as an indicator of toxic organic pollution in Izmir Bay, Turkey. <i>Marine Environmental Research</i> , 1999, 48, 147-160.	1.1	34
6	Immunohistochemical Localization and Differential Expression of Cytochrome P450 3A27 in the Gastrointestinal Tract of Rainbow Trout. <i>Toxicology and Applied Pharmacology</i> , 2001, 177, 94-102.	1.3	34
7	cDNA-directed expression of a functional zebrafish CYP1A in yeast. <i>Aquatic Toxicology</i> , 2004, 70, 111-121.	1.9	33
8	A Comparative Study for the Evaluation of Two Doses of Ellagic Acid on Hepatic Drug Metabolizing and Antioxidant Enzymes in the Rat. <i>BioMed Research International</i> , 2013, 2013, 1-9.	0.9	33
9	Diverse action of acrylamide on cytochrome P450 and glutathione S-transferase isozyme activities, mRNA levels and protein levels in human hepatocarcinoma cells. <i>Cell Biology and Toxicology</i> , 2012, 28, 175-186.	2.4	32
10	Liquidâ€“liquid extraction of transition metal cations by nine new azo derivatives calix[n]arene. <i>Separation Science and Technology</i> , 2002, 37, 973-980.	1.3	31
11	Purification and Characterization of Cytochrome P450 Reductase from Liver Microsomes of Feral Leaping Mullet (<i>Liza saliens</i>). <i>Journal of Biochemical and Molecular Toxicology</i> , 1998, 12, 103-113.	1.4	19
12	<i>Epilobium hirsutum</i> alters xenobiotic metabolizing CYP1A1, CYP2E1, NQO1 and GPx activities, mRNA and protein levels in rats. <i>Pharmaceutical Biology</i> , 2013, 51, 650-658.	1.3	17
13	Role of cytochrome P450 polymorphisms and functions in development of ulcerative colitis. <i>World Journal of Gastroenterology</i> , 2019, 25, 2846-2862.	1.4	15
14	Preparation of highly purified cytochrome P4501A1 from leaping mullet (<i>Liza saliens</i>) liver microsomes and its biocatalytic, molecular and immunochemical properties. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1998, 121, 249-265.	0.5	14
15	In vivo effects of <i>Urtica urens</i> (dwarf nettle) on the expression of CYP1A in control and 3-methylcholanthrene-exposed rats. <i>Xenobiotica</i> , 2008, 38, 48-61.	0.5	14
16	Synthesis of novel acridine-sulfonamide hybrid compounds as acetylcholinesterase inhibitor for the treatment of alzheimerâ€™s disease. <i>Medicinal Chemistry Research</i> , 2018, 27, 634-641.	1.1	14
17	Effects of in vivo benzo(a)pyrene treatment on liver microsomal mixed-function oxidase activities of gilthead seabream (<i>Sparus aurata</i>). <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1994, 107, 405-414.	0.5	13
18	Inhibitory action of <i>Epilobium hirsutum</i> extract and its constituent ellagic acid on drug-metabolizing enzymes. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2016, 41, 109-116.	0.6	13

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19	Contribution of ellagic acid on the antioxidant potential of medicinal plant <i>Epilobium hirsutum</i> . Nutrition and Cancer, 2016, 68, 173-183.	0.9	13
20	Determination of 7-ethoxyresorufin-o-deethylase (EROD) induction in leaping mullet (<i>Liza saliens</i>) from the highly contaminated Aliaga Bay, Turkey. Environmental Monitoring and Assessment, 2010, 165, 87-96.	1.3	12
21	Association of the CYP1A1*2A, GSTT1 null, GSTM1 null, mEPHX*3, and XRCC1-399 genetic polymorphisms with ulcerative colitis. International Journal of Colorectal Disease, 2013, 28, 593-595.	1.0	12
22	Drug interaction potential of the seed extract of <i>Urtica urens</i> L. (dwarf Nettle). Phytotherapy Research, 2009, 23, 1763-1770.	2.8	11
23	Investigation of Chironomidae (Diptera) relationships using mitochondrial COI gene. Biochemical Systematics and Ecology, 2015, 59, 229-238.	0.6	11
24	Capparis ovata treatment suppresses inflammatory cytokine expression and ameliorates experimental allergic encephalomyelitis model of multiple sclerosis in C57BL/6 mice. Journal of Neuroimmunology, 2016, 298, 106-116.	1.1	11
25	The isolation of tetrangomycin from terrestrial Streptomyces sp. CAH29: evaluation of antioxidant, anticancer, and anti-MRSA activity. Medicinal Chemistry Research, 2016, 25, 2872-2881.	1.1	11
26	Cloning, sequencing, and characterization of CYP1A1 cDNA from leaping mullet (<i>Liza Saliens</i>) liver and implications for the potential functions of its conserved amino acids. Journal of Biochemical and Molecular Toxicology, 2001, 15, 243-255.	1.4	10
27	Polycyclic Aromatic Hydrocarbons in Water from the Menderes River, Turkey. Bulletin of Environmental Contamination and Toxicology, 2011, 86, 221-225.	1.3	10
28	Suppression of inflammatory cytokines expression with bitter melon (<i>Momordica charantia</i>) in TNBS-instigated ulcerative colitis. Journal of Translational Internal Medicine, 2020, 8, 177-187.	1.0	10
29	Anticarcinogenic effect and carcinogenic potential of the dietary phenolic acid: o-coumaric acid. Natural Product Communications, 2013, 8, 1269-74.	0.2	10
30	Anticarcinogenic Effect and Carcinogenic Potential of the Dietary Phenolic Acid: o-Coumaric Acid. Natural Product Communications, 2013, 8, 1934578X1300800.	0.2	8
31	Modulatory actions of o-coumaric acid on carcinogen-activating cytochrome P450 isozymes and the potential for drug interactions in human hepatocarcinoma cells. Pharmaceutical Biology, 2015, 53, 1391-1398.	1.3	8
32	Computer design, synthesis, and bioactivity analyses of drugs like fingolimod used in the treatment of multiple sclerosis. Bioorganic and Medicinal Chemistry, 2017, 25, 483-495.	1.4	8
33	Triterpenoids and steroids isolated from Anatolian Capparis ovata and their activity on the expression of inflammatory cytokines. Pharmaceutical Biology, 2020, 58, 925-931.	1.3	8
34	Effects of Cyclamen trochopteranthum on hepatic drug-metabolizing enzymes. Archives of Biological Sciences, 2011, 63, 545-555.	0.2	8
35	Potential use of the oligochaete <i>Limnodrilus profundicola</i> V., as a bioindicator of contaminant exposure. Environmental Toxicology, 2011, 26, 37-44.	2.1	7
36	Alteration of drug metabolizing enzymes in sulphite oxidase deficiency. Journal of Clinical Biochemistry and Nutrition, 2012, 51, 50-54.	0.6	7

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37	Modulatory role of <i>GSTM1</i> null genotype on the frequency of micronuclei in pesticide-exposed agricultural workers. <i>Toxicology and Industrial Health</i> , 2016, 32, 1942-1951.	0.6	7
38	Characterization of cytochrome P450 dependent mixed-function oxidase system of gilthead seabream (<i>Sparus aurata</i> ; <i>sparidae</i>) liver. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1993, 104, 133-139.	0.2	6
39	In vivo effects of the anesthetic, benzocaine, on liver microsomal cytochrome P450 and mixed-function oxidase activities of gilthead seabream (<i>Sparus aurata</i>). <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1994, 107, 399-404.	0.5	6
40	Further immunochemical and biocatalytic characterization of CYP1A1 from feral leaping mullet liver (<i>Liza saliens</i>) microsomes. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 2000, 126, 235-244.	0.5	6
41	Structural and functional alterations in salivary gland chromosomes and enzyme activity of <i>Chironomus riparius</i> Mg. (Diptera, Chironomidae) from anthropogenically polluted sites in Bulgaria and Turkey. <i>Caryologia</i> , 2012, 65, 157-169.	0.2	5
42	Investigation of aromatase inhibition by several dietary vegetables in human non-small cell lung cancer cell lines. <i>Turkish Journal of Biochemistry</i> , 2013, 38, 207-217.	0.3	5
43	Synthesis and Functional Investigations of Computer Designed Novel Cladribine-Like Compounds for the Treatment of Multiple Sclerosis. <i>Archiv Der Pharmazie</i> , 2017, 350, 1700185.	2.1	5
44	Effects of in vivo benzene treatment on cytochrome P450 and mixed-function oxidase activities of gilthead seabream (<i>Sparus aurata</i>) liver microsomes. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1993, 104, 61-65.	0.2	4
45	EROD and metallothionein in <i>Limnodrilus profundicola</i> (Oligochaeta: Tubificidae) as an indicator of pollution exposure in the Curuksu stream of Menderes river, Denizli-Turkey. <i>Desalination and Water Treatment</i> , 2011, 26, 98-103.	1.0	4
46	Cerium Oxide Nanoparticles Biosynthesized Using Fresh Green Walnut Shell in Microwave Environment and their Anticancer Effect on Breast Cancer Cells. <i>Chemistry and Biodiversity</i> , 2022, 19, .	1.0	4
47	Anti-neuroinflammatory effect of butanolic subextract of <i>Capparis ovata</i> water extract used as an alternative and complementary treatment for multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2014, 275, 172-173.	1.1	3
48	Cloning and expression of a CYP720B orthologue involved in the biosynthesis of diterpene resin acids in <i>Pinus brutia</i> . <i>Molecular Biology Reports</i> , 2015, 42, 737-744.	1.0	3
49	Cytochrome P4501A1 (CYP 1A1) and Associated MFO Activities in Fish as an Indicator of Pollution with Special Reference to Izmir Bay. , 1999, , 247-257.		3
50	In vivo examination of the effects of hydroxycinnamic acid on xenobiotic metabolizing and antioxidant enzymes. <i>Archives of Biological Sciences</i> , 2017, 69, 103-110.	0.2	3
51	Assessing of anti-inflammatory effect of Small nettle' (<i>Urtica urens</i>) increasing polarity extracts. <i>Journal of Neuroimmunology</i> , 2014, 275, 135.	1.1	2
52	Natural diterpenoid alysin A isolated from <i>Teucrium alyssifolium</i> exerts antidiabetic effect via enhanced glucose uptake and suppressed glucose absorption. <i>Turkish Journal of Chemistry</i> , 2019, 43, 1350-1364.	0.5	2
53	Erratum to "Comparative Study for the Evaluation of Two Doses of Ellagic Acid on Hepatic Drug Metabolizing and Antioxidant Enzymes in the Rat". <i>BioMed Research International</i> , 2014, 2014, 1-2.	0.9	1
54	A potential therapeutic role in multiple sclerosis for stigmast-5,22-dien-3 β -ol myristate isolated from <i>Capparis ovata</i> . <i>The EuroBiotech Journal</i> , 2017, 1, 241-246.	0.5	1

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55	CHARACTERIZATION OF HUMAN CYP450 ISOZYMES RESPONSIBLE FOR THE IN VITRO OXIDATIVE METABOLISM OF MESALAMINE USED FOR COLITIS. CBU International Conference Proceedings, 0, 7, .	0.0	1
56	Separation of three P450 isozymes from liver microsomes of gilthead seabream treated with Arochlor 1254 and partial purification of cytochrome P4501A1. IUBMB Life, 1997, 41, 131-141.	1.5	0
57	Determination of heavy metals and EROD induction in mullet from highly contaminated AliaÄya Bay, Izmir, Turkey. Toxicology Letters, 2007, 172, S163.	0.4	0
58	Cloning, expression, purification and characterization of Bacillus licheniformis catalase from Pamukkale Hot Springs. Current Opinion in Biotechnology, 2011, 22, S39.	3.3	0
59	Cloning and expression of CYP720B from Pinus brutia involved in the biosynthesis of diterpene resin acids. Current Opinion in Biotechnology, 2013, 24, S117-S118.	3.3	0