

Alaattin Sen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Triterpenoids and steroids isolated from Anatolian <i>Capparis ovata</i> and their activity on the expression of inflammatory cytokines. <i>Pharmaceutical Biology</i> , 2020, 58, 925-931.	1.3	8
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	Suppression of inflammatory cytokines expression with bitter melon (<i>Momordica charantia</i>) in TNBS-instigated ulcerative colitis. <i>Journal of Translational Internal Medicine</i> , 2020, 8, 177-187.	1.0	10
5	Natural diterpenoid alysine 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
6	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
7	Synthesis of novel acridine-sulfonamide hybrid compounds as acetylcholinesterase inhibitor for the treatment of Alzheimer's disease. <i>Medicinal Chemistry Research</i> , 2018, 27, 634-641.	1.1	14
8	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
9	Computer design, synthesis, and bioactivity analyses of drugs like fingolimod used in the treatment of multiple sclerosis. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 483-495.	1.4	8
10	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
11	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
12	<i>Capparis ovata</i> treatment suppresses inflammatory cytokine expression and ameliorates experimental allergic encephalomyelitis model of multiple sclerosis in C57BL/6 mice. <i>Journal of Neuroimmunology</i> , 2016, 298, 106-116.	1.1	11
13	The isolation of tetrangomycin from terrestrial <i>Streptomyces</i> sp. CAH29: evaluation of antioxidant, anticancer, and anti-MRSA activity. <i>Medicinal Chemistry Research</i> , 2016, 25, 2872-2881.	1.1	11
14	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
15	Contribution of ellagic acid on the antioxidant potential of medicinal plant <i>Epilobium hirsutum</i> . <i>Nutrition and Cancer</i> , 2016, 68, 173-183.	0.9	13
16	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
17	Investigation of Chironomidae (Diptera) relationships using mitochondrial COI gene. <i>Biochemical Systematics and Ecology</i> , 2015, 59, 229-238.	0.6	11
18	Modulatory actions of <i>o</i> -coumaric acid on carcinogen-activating cytochrome P450 isozymes and the potential for drug interactions in human hepatocarcinoma cells. <i>Pharmaceutical Biology</i> , 2015, 53, 1391-1398.	1.3	8

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19	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
20	Erratum to "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> , 2014, 2014, 1-2.	0.9	1
21	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
22	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
23	Association of the CYP1A1*2A, GSTT1 null, GSTM1 null, mEPHX*3, and XRCC1-399 genetic polymorphisms with ulcerative colitis. <i>International Journal of Colorectal Disease</i> , 2013, 28, 593-595.	1.0	12
24	Cloning and expression of CYP720B from <i>Pinus brutia</i> involved in the biosynthesis of diterpene resin acids. <i>Current Opinion in Biotechnology</i> , 2013, 24, S117-S118.	3.3	0
25	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
26	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
27	<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
28	Anticarcinogenic Effect and Carcinogenic Potential of the Dietary Phenolic Acid: <i>o</i> -Coumaric Acid. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.2	8
29	Anticarcinogenic effect and carcinogenic potential of the dietary phenolic acid: <i>o</i> -coumaric acid. <i>Natural Product Communications</i> , 2013, 8, 1269-74.	0.2	10
30	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
31	Alteration of drug metabolizing enzymes in sulphite oxidase deficiency. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2012, 51, 50-54.	0.6	7
32	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
33	Polycyclic Aromatic Hydrocarbons in Water from the Menderes River, Turkey. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011, 86, 221-225.	1.3	10
34	Cloning, expression, purification and characterization of <i>Bacillus licheniformis</i> catalase from Pamukkale Hot Springs. <i>Current Opinion in Biotechnology</i> , 2011, 22, S39.	3.3	0
35	Potential use of the oligochaete <i>Limnodrilus profundicola</i> V., as a bioindicator of contaminant exposure. <i>Environmental Toxicology</i> , 2011, 26, 37-44.	2.1	7
36	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

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37	Effects of <i>Cyclamen trochopteranthum</i> on hepatic drug-metabolizing enzymes. <i>Archives of Biological Sciences</i> , 2011, 63, 545-555.	0.2	8
38	Determination of 7-ethoxyresorufin-o-deethylase (EROD) induction in leaping mullet (<i>Liza saliens</i>) from the highly contaminated Aliaga Bay, Turkey. <i>Environmental Monitoring and Assessment</i> , 2010, 165, 87-96.	1.3	12
39	Drug interaction potential of the seed extract of <i>Urtica urens</i> L. (dwarf Nettle). <i>Phytotherapy Research</i> , 2009, 23, 1763-1770.	2.8	11
40	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
41	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
42	Determination of heavy metals and EROD induction in mullet from highly contaminated Aliağya Bay, Izmir, Turkey. <i>Toxicology Letters</i> , 2007, 172, S163.	0.4	0
43	Biochemical Characterization and Distribution of Glutathione S-Transferases in Leaping Mullet (<i>Liza</i>) Tj ETQq1 1 0.784314 rgBT /Overl	0.7	37
44	cDNA-directed expression of a functional zebrafish CYP1A in yeast. <i>Aquatic Toxicology</i> , 2004, 70, 111-121.	1.9	33
45	Liquid-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
46	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. <i>Journal of Biochemical and Molecular Toxicology</i> , 2001, 15, 243-255.	1.4	10
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	Separation of three P450 isozymes from liver microsomes of gilthead seabream treated with $\text{A}\ddot{\text{Y}}\text{a}\text{€NF}$ and partial purification of cytochrome P4501A1. <i>IUBMB Life</i> , 1997, 41, 131-141.	1.5	0

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55	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
56	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
57	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
58	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
59	CHARACTERIZATION OF HUMAN CYP450 ISOZYMES RESPONSIBLE FOR THE IN VITRO OXIDATIVE METABOLISM OF MESALAMINE USED FOR COLITIS. <i>CBU International Conference Proceedings</i> , 0, 7, .	0.0	1