

# Edward D Virus

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

349  
citations

932766

10  
h-index

839053

18  
g-index

35  
all docs

35  
docs citations

35  
times ranked

414  
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduction of HPLC/orbitrap mass spectrometry as screening method for doping control. <i>Journal of Mass Spectrometry</i> , 2008, 43, 949-957.	0.7	73
2	Capillary electrophoresis coupled with 1,1â€²-thiocarbonyldiimidazole derivatization for the rapid detection of total homocysteine and cysteine in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1004, 30-36.	1.2	43
3	High sensitive analysis of steroids in doping control using gas chromatography/timeâ€ofâ€flight massâ€spectrometry. <i>Drug Testing and Analysis</i> , 2011, 3, 263-267.	1.6	23
4	Capillary electrophoresis coupled with chloroformâ€acetonitrile extraction for rapid and highly selective determination of cysteine and homocysteine levels in human blood plasma and urine. <i>Electrophoresis</i> , 2017, 38, 2646-2653.	1.3	22
5	â€Wrongâ€wayâ€round ionizationâ€TM and screening for doping substances in human urine by highâ€performance liquid chromatography/orbitrap mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2012, 47, 381-391.	0.7	19
6	Application of wavelet analysis to detect dysfunction in cerebral blood flow autoregulation during experimental hyperhomocysteinaemia. <i>Lasers in Medical Science</i> , 2018, 33, 1327-1333.	1.0	16
7	Plasma low-molecular-weight thiol/disulphide homeostasis as an early indicator of global and focal cerebral ischaemia. <i>Redox Report</i> , 2017, 22, 460-466.	1.4	15
8	Detection of PPARÎ´ agonists GW1516 and GW0742 and their metabolites in human urine. <i>Drug Testing and Analysis</i> , 2012, 4, 754-760.	1.6	14
9	Disturbance of thiol/disulfide aminothiols homeostasis in patients with acute ischemic stroke stroke: Preliminary findings. <i>Clinical Neurology and Neurosurgery</i> , 2019, 183, 105393.	0.6	12
10	Determination of Blood Plasma Aminothiols Using Derivatization-enhanced Capillary Transient Isotachophoresis. <i>Analytical Sciences</i> , 2018, 34, 505-508.	0.8	11
11	Determination of S-adenosylmethionine and S-adenosylhomocysteine in blood plasma by UPLC with fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1124, 366-374.	1.2	11
12	Capillary electrophoresis and phenylboronic acid solid phase extraction for the determination of S-adenosylmethionine/S-adenosylhomocysteine ratio in human urine. <i>Electrophoresis</i> , 2016, 37, 2663-2669.	1.3	10
13	Changes in the Surface Expression of Intercellular Adhesion Molecule 3, the Induction of Apoptosis, and the Inhibition of Cell-Cycle Progression of Human Multidrug-Resistant Jurkat/A4 Cells Exposed to a Random Positioning Machine. <i>International Journal of Molecular Sciences</i> , 2020, 21, 855.	1.8	10
14	Metoprolol and Nebivolol Prevent the Decline of the Redox Status of Low-Molecular-Weight Aminothiols in Blood Plasma of Rats During Acute Cerebral Ischemia. <i>Journal of Cardiovascular Pharmacology</i> , 2018, 72, 195-203.	0.8	9
15	Magnetic separation as a new method for the extraction of small molecules from biological fluids of humans. <i>Journal of Analytical Chemistry</i> , 2011, 66, 807-814.	0.4	8
16	Determination of exemestane and 17-hydroxyexemestane by high-performance liquid chromatography coupled with tandem mass spectrometry and high-resolution mass spectrometry. <i>Journal of Analytical Chemistry</i> , 2010, 65, 498-506.	0.4	7
17	Highâ€temperature highâ€performance liquid chromatography on a porous graphitized carbon column coupled to an Orbitrap mass spectrometer with atmospheric pressure photoionization for screening exogenous anabolic steroids in human urine. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1779-1788.	0.7	6
18	Low S-adenosylmethionine/ S-adenosylhomocysteine Ratio in Urine is Associated with Chronic Kidney Disease. <i>Laboratory Medicine</i> , 2020, 51, 80-85.	0.8	6

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19	Impact of glutathione on acute ischemic stroke severity and outcome: possible role of aminothiols redox status. <i>Redox Report</i> , 2021, 26, 117-123.	1.4	6
20	Urine S-Adenosylmethionine are Related to Degree of Renal Insufficiency in Patients with Chronic Kidney Disease. <i>Laboratory Medicine</i> , 2021, 52, 47-56.	0.8	5
21	Detection of oxandrolone and its metabolite in urine by high-performance liquid chromatography-high-resolution mass spectrometry with atmospheric pressure chemical ionization and orbitrap detection after ceasing drug administration. <i>Journal of Analytical Chemistry</i> , 2009, 64, 31-35.	0.4	4
22	A new approach to determining derivatization degree and its use for the investigation of silylation of methyltestosterone in nano-/microgram amounts. <i>Journal of Analytical Chemistry</i> , 2011, 66, 1186-1189.	0.4	4
23	Detection of S-adenosylhomocysteine and methylation index in blood by capillary electrophoresis. <i>Electrophoresis</i> , 2014, 35, 2972-2977.	1.3	4
24	Determination of sulfates and glucuronides of endogenous steroids in biofluids by high-performance liquid chromatography/orbitrap mass spectrometry. <i>Russian Journal of Physical Chemistry A</i> , 2009, 83, 530-536.	0.1	3
25	Highly sensitive, specific determination of 17 $\beta$ -methyl-5 $\alpha$ -androstane-3 $\alpha$ ,17 $\beta$ -diol by gas chromatography coupled to triple mass spectrometry. <i>Russian Journal of Physical Chemistry A</i> , 2007, 81, 415-420.	0.1	2
26	Inhibition of Cell Cycle Progression, Induction of Apoptosis, and Changes in Surface Markers of MEG-01 Megakaryoblastic Cells Exposed to a Random Positioning Machine. <i>Microgravity Science and Technology</i> , 2020, 32, 35-45.	0.7	2
27	Determination of S-adenosylmethionine, S-adenosylhomocysteine, and methylthioadenosine in urine using solvent-modified micellar electrokinetic chromatography. <i>Electrophoresis</i> , 2020, 41, 209-214.	1.3	2
28	Study of the matrix effect on the determination of nonconjugated xenobiotics in human urine by high-performance liquid chromatography/tandem mass spectrometry. <i>Journal of Analytical Chemistry</i> , 2010, 65, 1333-1340.	0.4	1
29	S-Adenosylhomocysteine Assay in the Urine by Capillary Electrophoresis. <i>Bulletin of Experimental Biology and Medicine</i> , 2015, 159, 524-527.	0.3	1
30	Mass spectrometry of doping preparations of a new generation: Peroxisome proliferator-activated receptor agonists. <i>Journal of Analytical Chemistry</i> , 2010, 65, 1411-1419.	0.4	0
31	An improved approach to determining the yield of derivatization reaction and its application to the investigation of the silylation of some anabolic steroids. <i>Journal of Analytical Chemistry</i> , 2013, 68, 1195-1199.	0.4	0
32	Some aspects of experimental design in targeted proteomics based on the use of selected reaction monitoring and isotope-labeled peptides. <i>Journal of Analytical Chemistry</i> , 2015, 70, 1546-1552.	0.4	0
33	Type 2 diabetes mellitus in patients with acute ischemic stroke is associated with a decrease in plasma glutathione levels. <i>Russian Neurological Journal</i> , 2020, 25, 29-35.	0.1	0
34	Alternative and promising targets of biochemical analysis in sport (review of literature). <i>Klinicheskaya Laboratornaya Diagnostika</i> , 2021, 66, 655-660.	0.2	0
35	Plasma low molecular weight aminothiols in ischemic stroke patients with type 2 diabetes mellitus. <i>Bulletin of Russian State Medical University</i> , 2021, , .	0.3	0