

CITATION REPORT

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Quantitative determination of dopamine in human plasma by a highly sensitive LC-MS/MS assay: Application in preterm neonates

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Journal of Pharmaceutical and Biomedical Analysis, 2016, 117, 227-31.

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#	Paper	IF	Citations
29	Photoelectroanalytical Sensor Based on TiO ₂ Nanoparticles/Copper Tetrasulfonated Phthalocyanine for Detection of Dopamine Exploiting Light Emitting Diode Irradiation. <i>Electroanalysis</i> , 2016 , 28, 2087-2092	3	12
28	Translocation of Oxathiapiprolin in Bell Pepper Plants and Systemic Protection of Plants Against Phytophthora Blight. <i>Plant Disease</i> , 2016 , 100, 1931-1936	1.5	9
27	A new strategy for detecting dopamine in human serum using polymer brushes reinforced with carbon nanotubes. <i>RSC Advances</i> , 2016 , 6, 47134-47137	3.7	8
26	Microdialysis Coupled with LC-MS/MS for In Vivo Neurochemical Monitoring. <i>AAPS Journal</i> , 2017 , 19, 1284-1293	3.7	38
25	Selective fluorescence quenching of papain-Au nanoclusters by self-polymerization of dopamine. <i>Luminescence</i> , 2018 , 33, 168-173	2.5	20
24	Sample preparation for polar metabolites in bioanalysis. <i>Analyst, The</i> , 2017 , 143, 16-20	5	39
23	Label-Free Detection of Dopamine based on Photoluminescence of Boronic Acid-Functionalized Carbon Dots in Solid-State Polyethylene Glycol Thin Film. <i>Macromolecular Research</i> , 2018 , 26, 1150-1159 ^{1.9}	1.9	7
22	A sensitive method for the determination of the gender difference of neuroactive metabolites in tryptophan and dopamine pathways in mouse serum and brain by UHPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1093-1094, 91-99	3.2	6
21	New Way Forward for the Diagnosis and Management of Gastroenteropancreatic Neuroendocrine Tumors with an LC-MS/MS Panel of Indole Biomarkers. <i>Clinical Chemistry</i> , 2019 , 65, 1346-1347	5.5	0
20	Recent Trends in the Quantification of Biogenic Amines in Biofluids as Biomarkers of Various Disorders: A Review. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	13
19	Basic Sample Preparation Techniques in LC-MS Bioanalysis. 2019 , 1-30		4
18	A role for foregut tyrosine metabolism in glucose tolerance. <i>Molecular Metabolism</i> , 2019 , 23, 37-50	8.8	17
17	Monitoring of the deuterated and nondeuterated forms of levodopa and five metabolites in plasma and urine by LC-MS/MS. <i>Bioanalysis</i> , 2019 ,	2.1	1
16	Aequorin as a sensitive and selective reporter for detection of dopamine: A photoprotein inhibition assay approach. <i>International Journal of Biological Macromolecules</i> , 2019 , 122, 677-683	7.9	3
15	Bismuth vanadate/graphene quantum dot: A new nanocomposite for photoelectrochemical determination of dopamine. <i>Sensors and Actuators B: Chemical</i> , 2019 , 285, 248-253	8.5	32
14	The role of nitric oxide and neuronal nitric oxide synthase in zebrafish (<i>Danio rerio</i>) shoaling.. <i>Aquaculture and Fisheries</i> , 2020 ,	2.9	2
13	Synaptic signalling in a network of dopamine neurons: what prevents proper intercellular crosstalk?. <i>FEBS Letters</i> , 2020 , 594, 3272-3292	3.8	1

12	Broad targeted analysis of neurochemicals in rat serum using liquid chromatography tandem mass spectrometry with chemical derivatization. <i>Journal of Separation Science</i> , 2020 , 43, 4006-4017	3.4	5
11	Disposable Capacitive Biosensor for Dopamine Sensing. <i>ChemistrySelect</i> , 2020 , 5, 12470-12476	1.8	2
10	In Matrix Derivatization Combined with LC-MS/MS Results in Ultrasensitive Quantification of Plasma Free Metanephrines and Catecholamines. <i>Analytical Chemistry</i> , 2020 , 92, 9072-9078	7.8	17
9	Analytical methods to monitor dopamine metabolism in plasma: Moving forward with improved diagnosis and treatment of neurological disorders. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 187, 113323	3.5	6
8	Determination of dopamine, noradrenaline, and adrenaline in Krebs-Henseleit solution by liquid chromatography coupled with tandem mass spectrometry and measurement of their basal release from <i>Chelonoidis carbonaria</i> aortae in vitro. <i>Biomedical Chromatography</i> , 2021 , 35, e4978	1.7	4
7	Selective Determination of Dopamine in Pharmaceuticals and Human Urine Using Carbon Quantum Dots as a Fluorescent Probe. <i>Processes</i> , 2021 , 9, 170	2.9	2
6	A Rapid, Precise, and Sensitive LC-MS/MS Method for the Quantitative Determination of Urinary Dopamine Levels a Simple Liquid-liquid Extraction Technique.. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2021 , 18, 761-769	1.1	1
5	Electrochemical Dopamine Biosensor Based on Poly(3-aminobenzylamine) Layer-by-Layer Self-Assembled Multilayer Thin Film. <i>Polymers</i> , 2021 , 13,	4.5	1
4	Titanium dioxide-multiwalled carbon nanotube/polyimide composite film modified electrodes for simultaneous voltammetric detection of ascorbic acid, uric acid and dopamine as biomarker molecules. <i>Polymer Bulletin</i> , 1	2.4	0
3	Facile Fabrication of Fe-Fe ₃ c Nanoparticles-Decorated Carbon Nanotubes Composite for Sensitive Dopamine Detection. <i>SSRN Electronic Journal</i> ,	1	
2	A Novel NOX Inhibitor Treatment Attenuates Parkinson's Disease-Related Pathology in Mouse Models.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	0
1	Controllable synthesis of MoS ₂ @TiO ₂ nanocomposites for visual detection of dopamine secretion with highly-efficient enzymatic activity. 2023 , 148, 1732-1742		0