

Giancarlo La Marca

List of Publications by Year in descending order

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136
papers

5,373
citations

61984
43
h-index

106344
65
g-index

139
all docs

139
docs citations

139
times ranked

7108
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Lactate Rewires Lipid Metabolism and Sustains a Metabolicâ€“Epigenetic Axis in Prostate Cancer. Cancer Research, 2022, 82, 1267-1282. | 0.9 | 52 |
| 2 | The diagnostic challenge of mild citrulline elevation at newborn screening. Molecular Genetics and Metabolism, 2022, 135, 327-332. | 1.1 | 7 |
| 3 | Phenotypic and genetic spectrum of ATP6V1A encephalopathy: a disorder of lysosomal homeostasis. Brain, 2022, 145, 2687-2703. | 7.6 | 11 |
| 4 | Liver-Directed Adeno-Associated Virusâ€“Mediated Gene Therapy for Mucopolysaccharidosis Type VI. , 2022, 1, . | | 5 |
| 5 | Thermal inactivation of SARS COVID-2 virus: Are steam inhalations a potential treatment?. Life Sciences, 2021, 265, 118801. | 4.3 | 12 |
| 6 | Upfront Enzyme Replacement via Erythrocyte Transfusions for PNP Deficiency. Journal of Clinical Immunology, 2021, 41, 1112-1115. | 3.8 | 5 |
| 7 | Neonatal Screening in Europe Revisited: An ISNS Perspective on the Current State and Developments Since 2010. International Journal of Neonatal Screening, 2021, 7, 15. | 3.2 | 118 |
| 8 | Morquio B disease: From pathophysiology towards diagnosis. Molecular Genetics and Metabolism, 2021, 132, 180-188. | 1.1 | 7 |
| 9 | Multicenter evaluation of use of dried blood spotâ€“compared to conventional plasma in measurements of globotriaosylsphingosine (LysoGb3) concentration in 104 Fabry patients. Clinical Chemistry and Laboratory Medicine, 2021, 59, 1516-1526. | 2.3 | 7 |
| 10 | The successful inclusion of ADA SCID in Tuscany expanded newborn screening program. Clinical Chemistry and Laboratory Medicine, 2021, 59, e401-e404. | 2.3 | 7 |
| 11 | PRDX1 gene-related epi-cblC disease is a common type of inborn error of cobalamin metabolism with mono- or bi-allelic MMACHC epimutations. Clinical Epigenetics, 2021, 13, 137. | 4.1 | 6 |
| 12 | A new strategy implementing mass spectrometry in the diagnosis of congenital disorders of N-glycosylation (CDG). Clinical Chemistry and Laboratory Medicine, 2021, 59, 165-171. | 2.3 | 4 |
| 13 | Early Diagnosis and Treatment of Purine Nucleoside Phosphorylase (PNP) Deficiency through TREC-Based Newborn Screening. International Journal of Neonatal Screening, 2021, 7, 62. | 3.2 | 2 |
| 14 | Hematopoietic Stem- and Progenitor-Cell Gene Therapy for Hurler Syndrome. New England Journal of Medicine, 2021, 385, 1929-1940. | 27.0 | 75 |
| 15 | Metabolite and thymocyte development defects in ADA-SCID mice receiving enzyme replacement therapy. Scientific Reports, 2021, 11, 23221. | 3.3 | 2 |
| 16 | Incessant Automatic Atrial Tachycardia in a Neonate Successfully Treated with Nadolol and Closely Spaced Doses of Flecainide: A Case Report. Pediatric Reports, 2020, 12, 108-113. | 1.3 | 3 |
| 17 | Children with special health care needs attending emergency department in Italy: analysis of 3479 cases. Italian Journal of Pediatrics, 2020, 46, 173. | 2.6 | 2 |
| 18 | Study protocol: treatment with caffeine of the very preterm infant in the delivery room: a feasibility study. BMJ Open, 2020, 10, e040105. | 1.9 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Effect of Beta 3 Adrenoreceptor Modulation on Patency of the Ductus Arteriosus. <i>Cells</i> , 2020, 9, 2625. | 4.1 | 7 |
| 20 | Development of Strategies to Decrease False Positive Results in Newborn Screening. <i>International Journal of Neonatal Screening</i> , 2020, 6, 84. | 3.2 | 31 |
| 21 | Interlaboratory analytical improvement of succinylacetone and nitisinone quantification from dried blood spot samples. <i>JIMD Reports</i> , 2020, 53, 90-102. | 1.5 | 7 |
| 22 | Leukocyte and Dried Blood Spot Arylsulfatase A Assay by Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 6341-6348. | 6.5 | 17 |
| 23 | High frequency of biotinidase deficiency in Italian population identified by newborn screening. <i>Molecular Genetics and Metabolism Reports</i> , 2020, 25, 100689. | 1.1 | 10 |
| 24 | Propranolol 0.2% Eye Micro-Drops for Retinopathy of Prematurity: A Prospective Phase IIB Study. <i>Frontiers in Pediatrics</i> , 2019, 7, 180. | 1.9 | 31 |
| 25 | Ultrasensitive detection of cancer biomarkers by nickel-based isolation of polydisperse extracellular vesicles from blood. <i>EBioMedicine</i> , 2019, 43, 114-126. | 6.1 | 40 |
| 26 | β -Adrenoceptor as a potential immunosuppressor agent in melanoma. <i>British Journal of Pharmacology</i> , 2019, 176, 2509-2524. | 5.4 | 49 |
| 27 | Newborn screening for homocystinurias: Recent recommendations versus current practice. <i>Journal of Inherited Metabolic Disease</i> , 2019, 42, 128-139. | 3.6 | 37 |
| 28 | LC-MS/MS method for simultaneous quantification of heparan sulfate and dermatan sulfate in urine by butanolysis derivatization. <i>Clinica Chimica Acta</i> , 2019, 488, 98-103. | 1.1 | 18 |
| 29 | Development of a fast LC-MS/MS protocol for combined measurement of six LSDs on dried blood spot in a newborn screening program. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 165, 135-140. | 2.8 | 4 |
| 30 | Serum creatinine during physiological perinatal dehydration may estimate individual nephron endowment. <i>European Journal of Pediatrics</i> , 2018, 177, 1383-1388. | 2.7 | 2 |
| 31 | Safety and efficacy of topiramate in neonates with hypoxic ischemic encephalopathy treated with hypothermia (NeoNATI): a feasibility study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 973-980. | 1.5 | 50 |
| 32 | Vacuolated PAS-positive lymphocytes as an hallmark of Pompe disease and other myopathies related to impaired autophagy. <i>Journal of Cellular Physiology</i> , 2018, 233, 5829-5837. | 4.1 | 15 |
| 33 | Oleuropein, the Main Polyphenol of <i>Olea europaea</i> Leaf Extract, Has an Anti-Cancer Effect on Human BRAF Melanoma Cells and Potentiates the Cytotoxicity of Current Chemotherapies. <i>Nutrients</i> , 2018, 10, 1950. | 4.1 | 79 |
| 34 | Late-Onset N-Acetylglutamate Synthase Deficiency: Report of a Paradigmatic Adult Case Presenting with Headaches and Review of the Literature. <i>International Journal of Molecular Sciences</i> , 2018, 19, 345. | 4.1 | 7 |
| 35 | Serum Amino Acid Profiles in Normal Subjects and in Patients with or at Risk of Alzheimer Dementia. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2017, 7, 143-159. | 1.3 | 50 |
| 36 | Guidelines for diagnosis and management of the cobalamin-related remethylation disorders cblC, cblD, cblE, cblF, cblG, cblJ and MTHFR deficiency. <i>Journal of Inherited Metabolic Disease</i> , 2017, 40, 21-48. | 3.6 | 206 |

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|----|--|-----|-----------|
| 37 | Propranolol 0.1% eye micro-drops in newborns with retinopathy of prematurity: a pilot clinical trial. <i>Pediatric Research</i> , 2017, 81, 307-314. | 2.3 | 24 |
| 38 | Study protocol: safety and efficacy of propranolol 0.2% eye drops in newborns with a precocious stage of retinopathy of prematurity (DROP-ROP-0.2%): a multicenter, open-label, single arm, phase II trial. <i>BMC Pediatrics</i> , 2017, 17, 165. | 1.7 | 9 |
| 39 | Serum Levels of Acyl-Carnitines along the Continuum from Normal to Alzheimer's Dementia. <i>PLoS ONE</i> , 2016, 11, e0155694. | 2.5 | 72 |
| 40 | Successful Propranolol Treatment of a Kaposiform Hemangioendothelioma Apparently Resistant to Propranolol. <i>Pediatric Blood and Cancer</i> , 2016, 63, 1290-1292. | 1.5 | 16 |
| 41 | Expanded newborn screening by mass spectrometry: New tests, future perspectives. <i>Mass Spectrometry Reviews</i> , 2016, 35, 71-84. | 5.4 | 107 |
| 42 | Reducing the False-Positive Rate for Isovalerylcarnitine in Expanded Newborn Screening. <i>FIRE Forum for International Research in Education</i> , 2016, 4, 232640981666135. | 0.7 | 4 |
| 43 | Clinical relevance of short-chain acyl-CoA dehydrogenase (SCAD) deficiency: Exploring the role of new variants including the first SCAD-disease-causing allele carrying a synonymous mutation. <i>BBA Clinical</i> , 2016, 5, 114-119. | 4.1 | 27 |
| 44 | Adenosine kinase deficiency: expanding the clinical spectrum and evaluating therapeutic options. <i>Journal of Inherited Metabolic Disease</i> , 2016, 39, 273-283. | 3.6 | 55 |
| 45 | Development and validation of a 2nd tier test for identification of purine nucleoside phosphorylase deficiency patients during expanded newborn screening by liquid chromatography-tandem mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 627-32. | 2.3 | 4 |
| 46 | Newborn Screening: Are We Ready for It?. <i>Journal of Neuromuscular Diseases</i> , 2015, 2, S10-S10. | 2.6 | 0 |
| 47 | Lipoic-Based TRPA1/TRPV1 Antagonist to Treat Orofacial Pain. <i>ACS Chemical Neuroscience</i> , 2015, 6, 380-385. | 3.5 | 18 |
| 48 | Reticular dysgenesis-associated AK2 protects hematopoietic stem and progenitor cell development from oxidative stress. <i>Journal of Experimental Medicine</i> , 2015, 212, 1185-1202. | 8.5 | 49 |
| 49 | Biotinidase deficiency due to a de novo mutation or gonadal mosaicism in a first child. <i>Clinica Chimica Acta</i> , 2015, 445, 70-72. | 1.1 | 4 |
| 50 | A successful unrelated peripheral blood stem cell transplantation with reduced intensity conditioning regimen in a patient with late-onset purine nucleoside phosphorylase deficiency. <i>Pediatric Transplantation</i> , 2015, 19, E47-50. | 1.0 | 9 |
| 51 | Therapeutic drug monitoring of carbamazepine and its metabolite in children from dried blood spots using liquid chromatography and tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 109, 164-170. | 2.8 | 39 |
| 52 | Heptadecanoylcarnitine (C17) a novel candidate biomarker for newborn screening of propionic and methylmalonic acidemias. <i>Clinica Chimica Acta</i> , 2015, 450, 342-348. | 1.1 | 27 |
| 53 | Dried blood spot assay for the quantification of phenytoin using Liquid Chromatography-Mass Spectrometry. <i>Clinica Chimica Acta</i> , 2015, 440, 31-35. | 1.1 | 22 |
| 54 | Oleuropein aglycone protects against pyroglutamylated- β amyloid toxicity: biochemical, epigenetic and functional correlates. <i>Neurobiology of Aging</i> , 2015, 36, 648-663. | 3.1 | 91 |

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|----|---|-----|-----------|
| 55 | Reticular dysgenesis-associated AK2 protects hematopoietic stem and progenitor cell development from oxidative stress. <i>Journal of Cell Biology</i> , 2015, 210, 210201A141. | 5.2 | 0 |
| 56 | Newborn Screening: Are We Ready for It?. <i>Journal of Neuromuscular Diseases</i> , 2015, 2, S10. | 2.6 | 0 |
| 57 | Aminoacylase I deficiency due to <scp>ACY1 mRNA</scp> exon skipping. <i>Clinical Genetics</i> , 2014, 86, 367-372. | 2.0 | 18 |
| 58 | Bone status of children born from mothers with autoimmune diseases treated during pregnancy with prednisone and/or low molecular weight heparin. <i>Pediatric Rheumatology</i> , 2014, 12, 47. | 2.1 | 9 |
| 59 | Diagnosis of immunodeficiency caused by a purine nucleoside phosphorylase defect by using tandem mass spectrometry on dried blood spots. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 155-159.e3. | 2.9 | 56 |
| 60 | Mass spectrometry in clinical chemistry: the case of newborn screening. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 101, 174-182. | 2.8 | 55 |
| 61 | Pharmacokinetics and local safety profile of propranolol eye drops in rabbits. <i>Pediatric Research</i> , 2014, 76, 378-385. | 2.3 | 14 |
| 62 | A Chaperone Enhances Blood \pm -Glucosidase Activity in Pompe Disease Patients Treated With Enzyme Replacement Therapy. <i>Molecular Therapy</i> , 2014, 22, 2004-2012. | 8.2 | 75 |
| 63 | Delivery of doxorubicin across the blood-brain barrier by ondansetron pretreatment: a study in vitro and in vivo. <i>Cancer Letters</i> , 2014, 353, 242-247. | 7.2 | 22 |
| 64 | Sudden unexpected fatal encephalopathy in adults with OTC gene mutations-Clues for early diagnosis and timely treatment. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 105. | 2.7 | 28 |
| 65 | Measurement of succinyl-carnitine and methylmalonyl-carnitine on dried blood spot by liquid chromatography-tandem mass spectrometry. <i>Clinica Chimica Acta</i> , 2014, 429, 30-33. | 1.1 | 15 |
| 66 | The inclusion of ADA-SCID in expanded newborn screening by tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 88, 201-206. | 2.8 | 40 |
| 67 | The pathophysiology of retinopathy of prematurity: an update of previous and recent knowledge. <i>Acta Ophthalmologica</i> , 2014, 92, 2-20. | 1.1 | 146 |
| 68 | Lysosomals. , 2014, , 785-793. | | 2 |
| 69 | Oral Propranolol for Retinopathy of Prematurity: Risks, Safety Concerns, and Perspectives. <i>Journal of Pediatrics</i> , 2013, 163, 1570-1577.e6. | 1.8 | 80 |
| 70 | Tandem mass spectrometry, but not T-cell receptor excision circle analysis, identifies newborns with late-onset adenosine deaminase deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1604-1610. | 2.9 | 65 |
| 71 | Eye drop propranolol administration promotes the recovery of oxygen-induced retinopathy in mice. <i>Experimental Eye Research</i> , 2013, 111, 27-35. | 2.6 | 43 |
| 72 | A rapid liquid chromatography tandem mass spectrometry-based method for measuring propranolol on dried blood spots. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 78-79, 34-38. | 2.8 | 25 |

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|----|---|-----|-----------|
| 73 | A Pharmacokinetic Study and Correlation with Clinical Response of Rufinamide in Infants with Epileptic Encephalopathies. <i>Pharmacology</i> , 2013, 91, 275-280. | 2.2 | 9 |
| 74 | A TRPA1 antagonist reverts oxaliplatin-induced neuropathic pain. <i>Scientific Reports</i> , 2013, 3, 2005. | 3.3 | 58 |
| 75 | Children who develop type 1 diabetes early in life show low levels of carnitine and amino acids at birth: does this finding shed light on the etiopathogenesis of the disease?. <i>Nutrition and Diabetes</i> , 2013, 3, e94-e94. | 3.2 | 26 |
| 76 | Propranolol concentrations after oral administration in term and preterm neonates. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2013, 26, 833-840. | 1.5 | 34 |
| 77 | Proteinuria Impairs Podocyte Regeneration by Sequestering Retinoic Acid. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1756-1768. | 6.1 | 116 |
| 78 | Screening of Lysosomal Storage Disorders: Application of the Online Trapping-and-Cleanup Liquid Chromatography/Mass Spectrometry Method for Mucopolysaccharidosis I. <i>European Journal of Mass Spectrometry</i> , 2013, 19, 497-503. | 1.0 | 5 |
| 79 | Medium-Chain Acyl-CoA Deficiency: Outlines from Newborn Screening, <i>In Silico</i> Predictions, and Molecular Studies. <i>Scientific World Journal</i> , 2013, 2013, 1-8. | 2.1 | 5 |
| 80 | Pharmacological modulation of blood-brain barrier increases permeability of doxorubicin into the rat brain. <i>American Journal of Cancer Research</i> , 2013, 3, 424-432. | 1.4 | 17 |
| 81 | Strategies for reducing the incidence of skin complications in newborns treated with whole-body hypothermia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 2115-2121. | 1.5 | 18 |
| 82 | The "headache tree" via umbellulone and TRPA1 activates the trigeminovascular system. <i>Brain</i> , 2012, 135, 376-390. | 7.6 | 163 |
| 83 | Enhanced interpretation of newborn screening results without analyte cutoff values. <i>Genetics in Medicine</i> , 2012, 14, 648-655. | 2.4 | 117 |
| 84 | Hypothermia for neonatal hypoxic-ischemic encephalopathy: may an early amplitude-integrated EEG improve the selection of candidates for cooling?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 2171-2176. | 1.5 | 6 |
| 85 | LC-MS/MS Method for Simultaneous Determination on a Dried Blood Spot of Multiple Analytes Relevant for Treatment Monitoring in Patients with Tyrosinemia Type I. <i>Analytical Chemistry</i> , 2012, 84, 1184-1188. | 6.5 | 37 |
| 86 | Reference intervals for orotic acid in urine, plasma and dried blood spot using hydrophilic interaction liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 883-884, 155-160. | 2.3 | 11 |
| 87 | Rapid and sensitive LC-MS/MS method for the analysis of antibiotic linezolid on dried blood spot. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 67-68, 86-91. | 2.8 | 41 |
| 88 | Safety and Tolerability of Antiepileptic Drug Treatment in Children with Epilepsy. <i>Drug Safety</i> , 2012, 35, 519-533. | 3.2 | 41 |
| 89 | Delayed-onset adenosine deaminase deficiency: Strategies for an early diagnosis. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 991-994. | 2.9 | 44 |
| 90 | Safety and efficacy of topiramate in neonates with hypoxic ischemic encephalopathy treated with hypothermia (NeoNATI). <i>BMC Pediatrics</i> , 2012, 12, 144. | 1.7 | 28 |

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|-----|---|-----|-----------|
| 91 | Synergy between the pharmacological chaperone 1 α -deoxygalactonojirimycin and the human recombinant alpha β -galactosidase A in cultured fibroblasts from patients with Fabry disease. <i>Journal of Inherited Metabolic Disease</i> , 2012, 35, 513-520. | 3.6 | 40 |
| 92 | Fabry disease: polymorphic haplotypes and a novel missense mutation in the <i>GLA</i> gene. <i>Clinical Genetics</i> , 2012, 81, 224-233. | 2.0 | 28 |
| 93 | Development of an UPLC β -MS/MS method for the determination of antibiotic ertapenem on dried blood spots. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 61, 108-113. | 2.8 | 49 |
| 94 | Neonatal screening for severe combined immunodeficiency caused by an adenosine deaminase defect: A β reliable and inexpensive method using tandem mass spectrometry. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 1394-1399. | 2.9 | 63 |
| 95 | Are Patients with Potential Celiac Disease Really Potential? The Answer of Metabonomics. <i>Journal of Proteome Research</i> , 2011, 10, 714-721. | 3.7 | 64 |
| 96 | Conventional and long-circulating liposomes of artemisinin: preparation, characterization, and pharmacokinetic profile in mice. <i>Journal of Liposome Research</i> , 2011, 21, 237-244. | 3.3 | 87 |
| 97 | Clinical validation of cutoff target ranges in newborn screening of metabolic disorders by tandem mass spectrometry: A worldwide collaborative project. <i>Genetics in Medicine</i> , 2011, 13, 230-254. | 2.4 | 308 |
| 98 | Role of the Adrenergic System in a Mouse Model of Oxygen-Induced Retinopathy: Antiangiogenic Effects of β -Adrenoreceptor Blockade. , 2011, 52, 155. | | 141 |
| 99 | New developments in the treatment of hyperammonemia: emerging use of carglumic acid. <i>International Journal of General Medicine</i> , 2011, 4, 21. | 1.8 | 54 |
| 100 | Phenobarbital for neonatal seizures in hypoxic ischemic encephalopathy: A pharmacokinetic study during whole body hypothermia. <i>Epilepsia</i> , 2011, 52, 794-801. | 5.1 | 79 |
| 101 | Simultaneous determination of creatine and guanidinoacetate in plasma by liquid chromatography β -tandem mass spectrometry (LC β -MS/MS). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 792-798. | 2.8 | 18 |
| 102 | Detection of doxorubicin hydrochloride accumulation in the rat brain after morphine treatment by mass spectrometry. <i>Cancer Chemotherapy and Pharmacology</i> , 2011, 67, 1333-1340. | 2.3 | 20 |
| 103 | Synthesis of the essential core of the human glycosylphosphatidylinositol (GPI) anchor. <i>Bioorganic Chemistry</i> , 2011, 39, 88-93. | 4.1 | 11 |
| 104 | Rapid assay of rufinamide in dried blood spots by a new liquid chromatography β -tandem mass spectrometric method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 192-197. | 2.8 | 48 |
| 105 | Newborn Screening for Tyrosinemia Type I: Further Evidence that Succinylacetone Determination on Blood Spot Is Essential. <i>JIMD Reports</i> , 2011, 1, 107-109. | 1.5 | 11 |
| 106 | Odorant-Binding Proteins and Chemosensory Proteins in Pheromone Detection and Release in the Silkworm <i>Bombyx mori</i> . <i>Chemical Senses</i> , 2011, 36, 335-344. | 2.0 | 134 |
| 107 | Analysis of Organic Acids and Acylglycines for the Diagnosis of Related Inborn Errors of Metabolism by GC- and HPLC-MS. <i>Methods in Molecular Biology</i> , 2011, 708, 73-98. | 0.9 | 12 |
| 108 | Orange-colored diapers as first sign of Lesch-Nyhan disease in an asymptomatic infant. <i>Pediatric Nephrology</i> , 2010, 25, 2373-2374. | 1.7 | 7 |

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|-----|---|-----|-----------|
| 109 | Oral Topiramate in Neonates with Hypoxic Ischemic Encephalopathy Treated with Hypothermia: A Safety Study. <i>Journal of Pediatrics</i> , 2010, 157, 361-366. | 1.8 | 64 |
| 110 | Study protocol: safety and efficacy of propranolol in newborns with Retinopathy of Prematurity (PROP-ROP): ISRCTN18523491. <i>BMC Pediatrics</i> , 2010, 10, 83. | 1.7 | 50 |
| 111 | High-performance liquid chromatography/electrospray ionization tandem mass spectrometric investigation of stilbenoids in cell cultures of <i>Vitis vinifera</i> L., cv. Malvasia. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 2065-2073. | 1.5 | 29 |
| 112 | <i>N</i>-Carbamylglutamate in Emergency Management of Hyperammonemia in Neonatal Acute Onset Propionic and Methylmalonic Aciduria. <i>Neonatology</i> , 2010, 97, 286-290. | 2.0 | 60 |
| 113 | Estimating the integrity of aged DNA samples by CE. <i>Electrophoresis</i> , 2009, 30, 3986-3995. | 2.4 | 17 |
| 114 | Detection of honeybee venom in envenomed tissues by direct MALDI MSI. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 112-123. | 2.8 | 42 |
| 115 | The successful inclusion of succinylacetone as a marker of tyrosinemia type I in Tuscany newborn screening program. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3891-3893. | 1.5 | 15 |
| 116 | A new rapid micromethod for the assay of phenobarbital from dried blood spots by LC-tandem mass spectrometry. <i>Epilepsia</i> , 2009, 50, 2658-2662. | 5.1 | 50 |
| 117 | Topiramate concentrations in neonates treated with prolonged whole body hypothermia for hypoxic ischemic encephalopathy. <i>Epilepsia</i> , 2009, 50, 2355-2361. | 5.1 | 75 |
| 118 | Hypocitrullinemia in expanded newborn screening by LC-MS/MS is not a reliable marker for ornithine transcarbamylase deficiency. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 1292-1295. | 2.8 | 43 |
| 119 | New Strategy for the Screening of Lysosomal Storage Disorders: The Use of the Online Trapping-and-Cleanup Liquid Chromatography/Mass Spectrometry. <i>Analytical Chemistry</i> , 2009, 81, 6113-6121. | 6.5 | 65 |
| 120 | The inclusion of succinylacetone as marker for tyrosinemia type I in expanded newborn screening programs. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 812-818. | 1.5 | 57 |
| 121 | Rapid assay of topiramate in dried blood spots by a new liquid chromatography-tandem mass spectrometric method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 1392-1396. | 2.8 | 87 |
| 122 | Rapid 2nd-Tier Test for Measurement of 3-OH-Propionic and Methylmalonic Acids on Dried Blood Spots: Reducing the False-Positive Rate for Propionylcarnitine during Expanded Newborn Screening by Liquid Chromatography-Tandem Mass Spectrometry. <i>Clinical Chemistry</i> , 2007, 53, 1364-1369. | 3.2 | 104 |
| 123 | Fatal Malonyl CoA Decarboxylase Deficiency Due to Maternal Uniparental Isodisomy of the Telomeric End of Chromosome 16. <i>Annals of Human Genetics</i> , 2007, 71, 705-712. | 0.8 | 21 |
| 124 | Electrospray ionisation tandem mass spectrometric investigation of phenylpropanoids and secoiridoids from solid olive residue. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2013-2022. | 1.5 | 25 |
| 125 | Dominulin A and B: Two new antibacterial peptides identified on the cuticle and in the venom of the social paper wasp <i>Polistes dominulus</i> using MALDI-TOF, MALDI-TOF/TOF, and ESI-ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 376-383. | 2.8 | 78 |
| 126 | Barth syndrome presenting with acute metabolic decompensation in the neonatal period. <i>Journal of Inherited Metabolic Disease</i> , 2006, 29, 684-684. | 3.6 | 22 |

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|-----|---|-----|-----------|
| 127 | Pre- and post-dialysis quantitative dosage of thymidine in urine and plasma of a MNGIE patient by using HPLC-ESI-MS/MS. <i>Journal of Mass Spectrometry</i> , 2006, 41, 586-592. | 1.6 | 33 |
| 128 | Implementing tandem mass spectrometry as a routine tool for characterizing the complete purine and pyrimidine metabolic profile in urine samples. <i>Journal of Mass Spectrometry</i> , 2006, 41, 1442-1452. | 1.6 | 36 |
| 129 | Falsely elevated C4-carnitine as expression of glutamate formiminotransferase deficiency in tandem mass spectrometry newborn screening. <i>Journal of Mass Spectrometry</i> , 2006, 41, 263-265. | 1.6 | 28 |
| 130 | First prenatal molecular diagnosis in a family with holocarboxylase synthetase deficiency. <i>Prenatal Diagnosis</i> , 2005, 25, 1117-1119. | 2.3 | 6 |
| 131 | Hyperhydroxyprolinaemia: a new case diagnosed during neonatal screening with tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 863-864. | 1.5 | 9 |
| 132 | Solid Olive Residues: An Insight into Their Phenolic Composition. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 8963-8969. | 5.2 | 34 |
| 133 | Food supplements of <i>Tribulus terrestris</i> L.: An HPLC-ESI-MS method for an estimation of the saponin content. <i>Chromatographia</i> , 2003, 57, 581-592. | 1.3 | 28 |
| 134 | Rapid diagnosis of medium chain Acyl Co-A dehydrogenase (MCAD) deficiency in a newborn by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 2688-2692. | 1.5 | 13 |
| 135 | Rapid determination of orotic acid in urine by a fast liquid chromatography/tandem mass spectrometric method. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 788-793. | 1.5 | 19 |
| 136 | Rapid quantitation of globotriaosylceramide in human plasma and urine: a potential application for monitoring enzyme replacement therapy in Anderson-Fabry disease. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 1507-1514. | 1.5 | 51 |