

Maria Chiara Mimmi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4868804/publications.pdf>

Version: 2024-02-01

26
papers

824
citations

567281

15
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

1521
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Shifting the optimal pH of activity for a laccase from the fungus <i>Trametes versicolor</i> by structure-based mutagenesis. <i>Protein Engineering, Design and Selection</i> , 2006, 19, 77-84. | 2.1 | 136 |
| 2 | The Controlling Roles of Trp60 and Trp95 in β 2-Microglobulin Function, Folding and Amyloid Aggregation Properties. <i>Journal of Molecular Biology</i> , 2008, 378, 887-897. | 4.2 | 82 |
| 3 | Probing the Influence of Citrate-Capped Gold Nanoparticles on an Amyloidogenic Protein. <i>ACS Nano</i> , 2015, 9, 2600-2613. | 14.6 | 80 |
| 4 | Plasma and urinary metabolomic profiles of Down syndrome correlate with alteration of mitochondrial metabolism. <i>Scientific Reports</i> , 2018, 8, 2977. | 3.3 | 80 |
| 5 | Altered immune system in frailty: Genetics and diet may influence inflammation. <i>Ageing Research Reviews</i> , 2019, 54, 100935. | 10.9 | 58 |
| 6 | Native-unlike Long-lived Intermediates along the Folding Pathway of the Amyloidogenic Protein β 2-Microglobulin Revealed by Real-time Two-dimensional NMR. <i>Journal of Biological Chemistry</i> , 2010, 285, 5827-5835. | 3.4 | 55 |
| 7 | Models for biological trinuclear copper clusters. Characterization and enantioselective catalytic oxidation of catechols by the copper(ii) complexes of a chiral ligand derived from (S)-(α)-1,1'-binaphthyl-2,2'-diamine. <i>Dalton Transactions</i> , 2004, , 2192-2201. | 3.3 | 44 |
| 8 | Tuning the coordination mode in mononuclear manganese complexes by changing the steric bulk of the carboxylates. <i>Dalton Transactions RSC</i> , 2001, , 3507-3512. | 2.3 | 36 |
| 9 | Autophagy and Inflammasome Activation in Dilated Cardiomyopathy. <i>Journal of Clinical Medicine</i> , 2019, 8, 1519. | 2.4 | 32 |
| 10 | Functional expression of aryl hydrocarbon receptor on mast cells populating human endometriotic tissues. <i>Laboratory Investigation</i> , 2016, 96, 959-971. | 3.7 | 27 |
| 11 | Molecular signature of amniotic fluid derived stem cells in the fetal sheep model of myelomeningocele. <i>Journal of Pediatric Surgery</i> , 2015, 50, 1521-1527. | 1.6 | 24 |
| 12 | Absolute Quantification of Choline-Related Biomarkers in Breast Cancer Biopsies by Liquid Chromatography Electrospray Ionization Mass Spectrometry. <i>Analytical Cellular Pathology</i> , 2013, 36, 71-83. | 1.4 | 23 |
| 13 | Stereoselective catalytic oxidations of biomimetic copper complexes with a chiral trinucleating ligand derived from 1,1'-binaphthalene. <i>Journal of Molecular Catalysis A</i> , 2003, 204-205, 381-389. | 4.8 | 21 |
| 14 | An integrated route to identifying new pathogenesis-based therapeutic approaches for trisomy 21 (Down Syndrome) following the thought of Jérôme Lejeune. <i>Science Postprint</i> , 2013, 1, . | 0.3 | 20 |
| 15 | Variants of β 2-microglobulin cleaved at lysine-58 retain the main conformational features of the native protein but are more conformationally heterogeneous and unstable at physiological temperature. <i>FEBS Journal</i> , 2006, 273, 2461-2474. | 4.7 | 19 |
| 16 | Absolute quantification of choline-related biomarkers in breast cancer biopsies by liquid chromatography electrospray ionization mass spectrometry. <i>Analytical Cellular Pathology</i> , 2013, 36, 71-83. | 1.4 | 15 |
| 17 | High-performance metabolic marker assessment in breast cancer tissue by mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 317-24. | 2.3 | 12 |
| 18 | Plasmatic Hippuric Acid as a Hallmark of Frailty in an Italian Cohort: The Mediation Effect of Fruit & Vegetable Intake. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 2081-2089. | 3.6 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Metabolomic profile of amniotic fluid to evaluate lung maturity: the diaphragmatic hernia lamb model. <i>Multidisciplinary Respiratory Medicine</i> , 2014, 9, 54. | 1.5 | 11 |
| 20 | Synthesis and Conformational Studies of a Chiral Octadentate Ligand Derived from (R)-1,1'-Binaphthyl-2,2'-diamine and its Dinuclear Zinc(II) and Nickel(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 3934-3944. | 2.0 | 10 |
| 21 | Phospholipid Profile of Amniotic Fluid in Ovine Model of Congenital Diaphragmatic Hernia (CDH): The Effect of Fetal Tracheal Occlusion. <i>Journal of Proteome Research</i> , 2015, 14, 1465-1471. | 3.7 | 9 |
| 22 | Dinuclear iron complexes of the tridentate ligand N,N-bis(2-ethyl-5-methyl-imidazol-4-ylmethyl)aminopropane (biap). <i>Inorganica Chimica Acta</i> , 2002, 340, 197-200. | 2.4 | 8 |
| 23 | Ziegler-Natta catalytic systems. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 91, 101-106. | 3.6 | 5 |
| 24 | Altered Metabolic Profile in Congenital Lung Lesions Revealed by ¹ H Nuclear Magnetic Resonance Spectroscopy. , 2014, 2014, 1-8. | | 3 |
| 25 | Congenital pulmonary malformations: metabolomic profile of lung phenotype in infants. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 143-147. | 1.5 | 1 |
| 26 | Congenital diaphragmatic hernia: endotracheal fluid phospholipidic profile following tracheal occlusion in an experimental model. <i>Journal of Perinatal Medicine</i> , 2017, 45, 219-225. | 1.4 | 1 |