

Giuliano Ciarimboli

List of Publications by Year in descending order

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69
papers

2,999
citations

185998

28
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161609

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69
all docs

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docs citations

69
times ranked

3091
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Organic Cation Transporter 2 in Autophagy Induced by Platinum Derivatives. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1090.	1.8	2
2	Impact of Pals1 on Expression and Localization of Transporters Belonging to the Solute Carrier Family. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 792829.	1.6	2
3	IFITM3 Interacts with the HBV/HDV Receptor NTCP and Modulates Virus Entry and Infection. <i>Viruses</i> , 2022, 14, 727.	1.5	11
4	Physiology, Biochemistry and Pharmacology of Transporters for Organic Cations 2.0. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6328.	1.8	2
5	Physiology, Biochemistry, and Pharmacology of Transporters for Organic Cations. <i>International Journal of Molecular Sciences</i> , 2021, 22, 732.	1.8	0
6	Case Report and Supporting Documentation: Acute Kidney Injury Manifested as Oliguria Is Reduced by Intravenous Magnesium Before Cisplatin. <i>Frontiers in Oncology</i> , 2021, 11, 607574.	1.3	3
7	Expression and Function of Organic Cation Transporter 2 in Pancreas. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 688885.	1.8	6
8	Editorial: Mitochondria in Renal Health and Disease. <i>Frontiers in Physiology</i> , 2021, 12, 707175.	1.3	1
9	Properties of Transport Mediated by the Human Organic Cation Transporter 2 Studied in a Polarized Three-Dimensional Epithelial Cell Culture Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9658.	1.8	7
10	TrkC Is Essential for Nephron Function and Trans-Activates Igf1R Signaling. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 357-374.	3.0	4
11	Anticancer Platinum Drugs Update. <i>Biomolecules</i> , 2021, 11, 1637.	1.8	10
12	Editorial: Mitochondria in Renal Health and Disease, Volume II. <i>Frontiers in Physiology</i> , 2021, 12, 818421.	1.3	0
13	The role of cholesterol recognition (CARC/CRAC) mirror codes in the allostereism of the human organic cation transporter 2 (OCT2, SLC22A2). <i>Biochemical Pharmacology</i> , 2021, 194, 114840.	2.0	4
14	Rapid Regulation of Human Multidrug and Extrusion Transporters hMATE1 and hMATE2K. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5157.	1.8	8
15	Contribution and Expression of Organic Cation Transporters and Aquaporin Water Channels in Renal Cancer. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2020, , 1.	0.9	4
16	Tofacitinib and Baricitinib Are Taken up by Different Uptake Mechanisms Determining the Efficacy of Both Drugs in RA. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6632.	1.8	13
17	Cetirizine Reduces Gabapentin Plasma Concentrations and Effect: Role of Renal Drug Transporters for Organic Cations. <i>Journal of Clinical Pharmacology</i> , 2020, 60, 1076-1086.	1.0	8
18	Regulation Mechanisms of Expression and Function of Organic Cation Transporter 1. <i>Frontiers in Pharmacology</i> , 2020, 11, 607613.	1.6	4

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19	Fishing for protective compounds. <i>ELife</i> , 2020, 9, .	2.8	0
20	Identification of the Tetraspanin CD9 as an Interaction Partner of Organic Cation Transporters 1 and 2. <i>SLAS Discovery</i> , 2019, 24, 904-914.	1.4	9
21	Protein Abundance of Clinically Relevant Drug Transporters in The Human Kidneys. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5303.	1.8	34
22	Effects of Single Nucleotide Polymorphism Ala270Ser (rs316019) on the Function and Regulation of hOCT2. <i>Biomolecules</i> , 2019, 9, 578.	1.8	9
23	An integrative approach to cisplatin chronic toxicities in mice reveals importance of organic cation-transporter-dependent protein networks for renoprotection. <i>Archives of Toxicology</i> , 2019, 93, 2835-2848.	1.9	16
24	LA-ICP-TOF-MS for rapid, all-elemental and quantitative bioimaging, isotopic analysis and the investigation of plasma processes. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 694-701.	1.6	30
25	Notch Signaling Activity Determines Uptake and Biological Effect of Imatinib in Systemic Sclerosis Dermal Fibroblasts. <i>Journal of Investigative Dermatology</i> , 2019, 139, 439-447.	0.3	17
26	The proteome microenvironment determines the protective effect of preconditioning in cisplatin-induced acute kidney injury. <i>Kidney International</i> , 2019, 95, 333-349.	2.6	55
27	Interaction of the New Monofunctional Anticancer Agent Phenanthriplatin With Transporters for Organic Cations. <i>Frontiers in Chemistry</i> , 2018, 6, 180.	1.8	21
28	Quantitative Bioimaging of Platinum via Online Isotope Dilution-Laser Ablation-Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 7033-7039.	3.2	23
29	Organic cation transporter 3 mediates cisplatin and copper cross-resistance in hepatoma cells. <i>Oncotarget</i> , 2018, 9, 743-754.	0.8	16
30	Importance of the novel organic cation transporter 1 for tyrosine kinase inhibition by saracatinib in rheumatoid arthritis synovial fibroblasts. <i>Scientific Reports</i> , 2017, 7, 1258.	1.6	14
31	Tetraspanin CD63 controls basolateral sorting of organic cation transporter 2 in renal proximal tubules. <i>FASEB Journal</i> , 2017, 31, 1421-1433.	0.2	21
32	Pharmacogenetics of drug-induced ototoxicity caused by aminoglycosides and cisplatin. <i>Pharmacogenomics</i> , 2017, 18, 1683-1695.	0.6	43
33	In reference to <i>Immunohistochemical localization of OCT2 in the cochlea of various species</i> . <i>Laryngoscope</i> , 2016, 126, E231.	1.1	1
34	The Role of Transporters in the Toxicity of Chemotherapeutic Drugs: Focus on Transporters for Organic Cations. <i>Journal of Clinical Pharmacology</i> , 2016, 56, S157-72.	1.0	32
35	A phosphotyrosine switch regulates organic cation transporters. <i>Nature Communications</i> , 2016, 7, 10880.	5.8	100
36	Organic Cation Transport Measurements Using Fluorescence Techniques. <i>Neuromethods</i> , 2016, , 173-187.	0.2	5

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37	Introduction to the Cellular Transport of Organic Cations. , 2016, , 1-47.		6
38	Role of transporters in the distribution of platinum-based drugs. <i>Frontiers in Pharmacology</i> , 2015, 6, 85.	1.6	79
39	Mitigation of acute kidney injury by cell-cycle inhibitors that suppress both CDK4/6 and OCT2 functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5231-5236.	3.3	84
40	Human <i>OCT2</i> variant c.808G>T confers protection effect against cisplatin-induced ototoxicity. <i>Pharmacogenomics</i> , 2015, 16, 323-332.	0.6	67
41	Assessing the intracellular concentration of platinum in medulloblastoma cell lines after Cisplatin incubation. <i>Journal of Trace Elements in Medicine and Biology</i> , 2014, 28, 166-172.	1.5	9
42	The organic cation transporter 3 (OCT3) as molecular target of psychotropic drugs: transport characteristics and acute regulation of cloned murine OCT3. <i>Pflugers Archiv European Journal of Physiology</i> , 2014, 466, 517-527.	1.3	38
43	Mouse organic cation transporter 1 determines properties and regulation of basolateral organic cation transport in renal proximal tubules. <i>Pflugers Archiv European Journal of Physiology</i> , 2014, 466, 1581-1589.	1.3	16
44	Cisplatin-Induced Renal Injury Is Independently Mediated by OCT2 and p53. <i>Clinical Cancer Research</i> , 2014, 20, 4026-4035.	3.2	63
45	Membrane transporters as mediators of cisplatin side-effects. <i>Anticancer Research</i> , 2014, 34, 547-50.	0.5	85
46	Quantitative bioimaging of platinum in polymer embedded mouse organs using laser ablation ICP-MS. <i>Metallomics</i> , 2013, 5, 1440.	1.0	67
47	Substrate- and Cell Contact-Dependent Inhibitor Affinity of Human Organic Cation Transporter 2: Studies with Two Classical Organic Cation Substrates and the Novel Substrate Cd ²⁺ . <i>Molecular Pharmaceutics</i> , 2013, 10, 3045-3056.	2.3	46
48	Kidney Transplantation Down-Regulates Expression of Organic Cation Transporters, Which Translocate β -Blockers and Fluoroquinolones. <i>Molecular Pharmaceutics</i> , 2013, 10, 2370-2380.	2.3	14
49	Oxaliplatin-induced neurotoxicity is dependent on the organic cation transporter OCT2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11199-11204.	3.3	149
50	Saving ears and kidneys from cisplatin. <i>Anticancer Research</i> , 2013, 33, 4183-8.	0.5	31
51	Regulation of Organic Cation Transport in Isolated Mouse Proximal Tubules Involves Complex Changes in Protein Trafficking and Substrate Affinity. <i>Cellular Physiology and Biochemistry</i> , 2012, 30, 269-281.	1.1	17
52	Membrane Transporters as Mediators of Cisplatin Effects and Side Effects. <i>Scientifica</i> , 2012, 2012, 1-18.	0.6	62
53	The cysteines of the extracellular loop are crucial for trafficking of human organic cation transporter 2 to the plasma membrane and are involved in oligomerization. <i>FASEB Journal</i> , 2012, 26, 976-986.	0.2	54
54	Proximal Tubular Secretion of Creatinine by Organic Cation Transporter OCT2 in Cancer Patients. <i>Clinical Cancer Research</i> , 2012, 18, 1101-1108.	3.2	133

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55	Transport Mechanisms and Their Pathology-Induced Regulation Govern Tyrosine Kinase Inhibitor Delivery in Rheumatoid Arthritis. PLoS ONE, 2012, 7, e52247.	1.1	25
56	New Clues for Nephrotoxicity Induced by Ifosfamide: Preferential Renal Uptake via the Human Organic Cation Transporter 2. Molecular Pharmaceutics, 2011, 8, 270-279.	2.3	84
57	Role of organic cation transporters in drug-induced toxicity. Expert Opinion on Drug Metabolism and Toxicology, 2011, 7, 159-174.	1.5	70
58	Properties and regulation of organic cation transport in freshly isolated mouse proximal tubules analyzed with a fluorescence reader-based method. Pflugers Archiv European Journal of Physiology, 2011, 462, 359-369.	1.3	22
59	Organic Cation Transporter 2 Mediates Cisplatin-Induced Oto- and Nephrotoxicity and Is a Target for Protective Interventions. American Journal of Pathology, 2010, 176, 1169-1180.	1.9	366
60	Cimetidine as an Organic Cation Transporter Antagonist. American Journal of Pathology, 2010, 177, 1573-1574.	1.9	10
61	Organic Cation Transporters 2 as Mediators of Cisplatin Nephrotoxicity. , 2009, , 353-358.		1
62	Organic cation transporters OCT1, 2, and 3 mediate high-affinity transport of the mutagenic vital dye ethidium in the kidney proximal tubule. American Journal of Physiology - Renal Physiology, 2009, 296, F1504-F1513.	1.3	52
63	Identification of cysteines in rat organic cation transporters rOCT1 (C322, C451) and rOCT2 (C451) critical for transport activity and substrate affinity. American Journal of Physiology - Renal Physiology, 2007, 293, F767-F779.	1.3	20
64	Characterization of regulatory mechanisms and states of human organic cation transporter 2. American Journal of Physiology - Cell Physiology, 2006, 290, C1521-C1531.	2.1	61
65	Regulation of organic cation transport. Pflugers Archiv European Journal of Physiology, 2005, 449, 423-441.	1.3	91
66	Individual PKC-Phosphorylation Sites in Organic Cation Transporter 1 Determine Substrate Selectivity and Transport Regulation. Journal of the American Society of Nephrology: JASN, 2005, 16, 1562-1570.	3.0	87
67	Cisplatin Nephrotoxicity Is Critically Mediated via the Human Organic Cation Transporter 2. American Journal of Pathology, 2005, 167, 1477-1484.	1.9	392
68	Regulation of the human organic cation transporter hOCT1. Journal of Cellular Physiology, 2004, 201, 420-428.	2.0	80
69	Regulation of human organic cation transporter hOCT2 by PKA, PI3K, and calmodulin-dependent kinases. American Journal of Physiology - Renal Physiology, 2003, 284, F293-F302.	1.3	83