

Teresa Coccini

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

97
papers

2,463
citations

25
h-index

46
g-index

122
ext. papers

2,702
ext. citations

4
avg, IF

4.73
L-index

#	Paper	IF	Citations
97	Human Umbilical Cord Mesenchymal Stem Cell-Based in vitro Model for Neurotoxicity Testing.. <i>Current Protocols</i> , 2022 , 2, e423		0
96	MAM-2201, One of the Most Potent-Naphthoyl Indole Derivative-Synthetic Cannabinoids, Exerts Toxic Effects on Human Cell-Based Models of Neurons and Astrocytes. <i>Neurotoxicity Research</i> , 2021 , 39, 1251-1273	4.3	2
95	How Do Inflammatory Mediators, Immune Response and Air Pollution Contribute to COVID-19 Disease Severity? A Lesson to Learn. <i>Life</i> , 2021 , 11,	3	4
94	Biomarkers for alcohol abuse/withdrawal and their association with clinical scales and temptation to drink. A prospective pilot study during 4-week residential rehabilitation. <i>Alcohol</i> , 2021 , 94, 43-56	2.7	0
93	Developmental Neurotoxicity Screening for Nanoparticles Using Neuron-Like Cells of Human Umbilical Cord Mesenchymal Stem Cells: Example with Magnetite Nanoparticles. <i>Nanomaterials</i> , 2020 , 10,	5.4	5
92	evaluation of magnetite nanoparticles in human mesenchymal stem cells: comparison of different cytotoxicity assays. <i>Toxicology Mechanisms and Methods</i> , 2020 , 30, 48-59	3.6	8
91	In vitro toxicity screening of magnetite nanoparticles by applying mesenchymal stem cells derived from human umbilical cord lining. <i>Journal of Applied Toxicology</i> , 2019 , 39, 1320-1336	4.1	9
90	Organoids are promising tools for species-specific in vitro toxicological studies. <i>Journal of Applied Toxicology</i> , 2019 , 39, 1610-1622	4.1	37
89	Cytotoxic Effects of 3,4-Catechol-PV (One Major MDPV Metabolite) on Human Dopaminergic SH-SY5Y Cells. <i>Neurotoxicity Research</i> , 2019 , 35, 49-62	4.3	7
88	Pulmonary and hepatic effects after low dose exposure to nanosilver: Early and long-lasting histological and ultrastructural alterations in rat. <i>Toxicology Reports</i> , 2019 , 6, 1047-1060	4.8	13
87	Neuron-Like Cells Generated from Human Umbilical Cord Lining-Derived Mesenchymal Stem Cells as a New In Vitro Model for Neuronal Toxicity Screening: Using Magnetite Nanoparticles as an Example. <i>International Journal of Molecular Sciences</i> , 2019 , 21,	6.3	5
86	Human 3D Cultures as Models for Evaluating Magnetic Nanoparticle CNS Cytotoxicity after Short- and Repeated Long-Term Exposure. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	24
85	Blood MCP-1 levels are increased in chronic obstructive pulmonary disease patients with prevalent emphysema. <i>International Journal of COPD</i> , 2018 , 13, 1691-1700	3	33
84	Human neuronal cell based assay: A new in vitro model for toxicity evaluation of ciguatoxin. <i>Environmental Toxicology and Pharmacology</i> , 2017 , 52, 200-213	5.8	5
83	Toxicity Evaluation of Iron Oxide (Fe ₃ O ₄) Nanoparticles on Human Neuroblastoma-Derived SH-SY5Y Cell Line. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 203-11	1.3	11
82	Human Co-culture Model of Neurons and Astrocytes to Test Acute Cytotoxicity of Neurotoxic Compounds. <i>International Journal of Toxicology</i> , 2017 , 36, 463-477	2.4	20
81	Cytotoxicity and proliferative capacity impairment induced on human brain cell cultures after short- and long-term exposure to magnetite nanoparticles. <i>Journal of Applied Toxicology</i> , 2017 , 37, 361-373	4.1	35

80	A Review of the Mycotoxin Enniatin B. <i>Frontiers in Public Health</i> , 2017 , 5, 304	6	62
79	Single Silver Nanoparticle Instillation Induced Early and Persisting Moderate Cortical Damage in Rat Kidneys. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	15
78	IN vitro toxicology: From INtestine to brain. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2017 , 34, 439-440	4.3	2
77	Mercury Vapour Long-Lasting Exposure: Lymphocyte Muscarinic Receptors as Neurochemical Markers of Accidental Intoxication. <i>Case Reports in Medicine</i> , 2016 , 2016, 9783876	0.7	
76	Brief exposure to nanosized and bulk titanium dioxide forms induces subtle changes in human D384 astrocytes. <i>Toxicology Letters</i> , 2016 , 254, 8-21	4.4	3
75	Enhanced toxicity of silver nanoparticles in transgenic <i>Caenorhabditis elegans</i> expressing amyloidogenic proteins. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2015 , 22, 221-8	2.7	6
74	One-month persistence of inflammation and alteration of fibrotic marker and cytoskeletal proteins in rat kidney after Cd-doped silica nanoparticle instillation. <i>Toxicology Letters</i> , 2015 , 232, 449-57	4.4	9
73	Comparative cellular toxicity of titanium dioxide nanoparticles on human astrocyte and neuronal cells after acute and prolonged exposure. <i>NeuroToxicology</i> , 2015 , 48, 77-89	4.4	57
72	MAM-2201 (analytically confirmed) intoxication after "Synthacaine" consumption. <i>Annals of Emergency Medicine</i> , 2014 , 64, 629-32	2.1	27
71	Blood-brain barrier (BBB) toxicity and permeability assessment after L-(4- β -Boronophenyl)alanine, a conventional B-containing drug for boron neutron capture therapy, using an in vitro BBB model. <i>Brain Research</i> , 2014 , 1583, 34-44	3.7	6
70	Neurotoxicity of European viperids in Italy: Pavia Poison Control Centre case series 2001-2011. <i>Clinical Toxicology</i> , 2014 , 52, 269-76	2.9	16
69	Assessment of cellular responses after short- and long-term exposure to silver nanoparticles in human neuroblastoma (SH-SY5Y) and astrocytoma (D384) cells. <i>Scientific World Journal, The</i> , 2014 , 2014, 259765	2.2	25
68	Gene Expression Changes in Rat Liver and Testes after Lung Instillation of a Low Dose of Silver Nanoparticles. <i>Journal of Nanomedicine & Nanotechnology</i> , 2014 , 05,	1.9	15
67	Apoptosis induction and histological changes in rat kidney following Cd-doped silica nanoparticle exposure: evidence of persisting effects. <i>Toxicology Mechanisms and Methods</i> , 2013 , 23, 566-75	3.6	13
66	Short and long-term exposure of CNS cell lines to BPA-f a radiosensitizer for boron neutron capture therapy: safety dose evaluation by a battery of cytotoxicity tests. <i>NeuroToxicology</i> , 2013 , 35, 84-90	4.4	13
65	Safety evaluation of engineered nanomaterials for health risk assessment: an experimental tiered testing approach using pristine and functionalized carbon nanotubes. <i>ISRN Toxicology</i> , 2013 , 2013, 825427		24
64	Morphological and cytohistochemical evaluation of renal effects of cadmium-doped silica nanoparticles given intratracheally to rat. <i>Journal of Physics: Conference Series</i> , 2013 , 429, 012033	0.3	2
63	In vitro toxicity evaluation of engineered cadmium-coated silica nanoparticles on human pulmonary cells. <i>Journal of Toxicology</i> , 2013 , 2013, 931785	3.1	14

62	Pulmonary toxicity of instilled cadmium-doped silica nanoparticles during acute and subacute stages in rats. <i>Histology and Histopathology</i> , 2013 , 28, 195-209	1.4	27
61	Gene expression profiling in rat kidney after intratracheal exposure to cadmium-doped nanoparticles. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	14
60	Long-lasting oxidative pulmonary insult in rat after intratracheal instillation of silica nanoparticles doped with cadmium. <i>Toxicology</i> , 2012 , 302, 203-11	4.4	10
59	Application of Neurochemical Markers for Assessing Health Effects after Developmental Methylmercury and PCB Coexposure. <i>Journal of Toxicology</i> , 2012 , 2012, 216032	3.1	6
58	Novel tools for blood inflammatory markers detection in monitoring air pollution-induced cardio-respiratory symptoms. <i>Giornale Italiano Di Medicina Del Lavoro Ed Ergonomia</i> , 2012 , 34, 175-86	0.2	
57	Gene expression analysis in rat lungs after intratracheal exposure to nanoparticles doped with cadmium. <i>Journal of Physics: Conference Series</i> , 2011 , 304, 012025	0.3	4
56	Developmental exposure to methylmercury and 2,2,4,4,5,5-hexachlorobiphenyl (PCB153) affects cerebral dopamine D1-like and D2-like receptors of weanling and pubertal rats. <i>Archives of Toxicology</i> , 2011 , 85, 1281-94	5.8	25
55	Comparative pulmonary toxicity assessment of pristine and functionalized multi-walled carbon nanotubes intratracheally instilled in rats: morphohistochemical evaluations. <i>Histology and Histopathology</i> , 2011 , 26, 357-67	1.4	24
54	Comparative in vitro and ex-vivo myelotoxicity of aflatoxins B1 and M1 on haematopoietic progenitors (BFU-E, CFU-E, and CFU-GM): species-related susceptibility. <i>Toxicology in Vitro</i> , 2010 , 24, 217-23	3.6	17
53	Effects of water-soluble functionalized multi-walled carbon nanotubes examined by different cytotoxicity methods in human astrocyte D384 and lung A549 cells. <i>Toxicology</i> , 2010 , 269, 41-53	4.4	106
52	Single step determination of PCB 126 and 153 in rat tissues by using solid phase microextraction/gas chromatography-mass spectrometry: Comparison with solid phase extraction and liquid/liquid extraction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 773-83	3.2	18
51	Reduced platelet monoamine oxidase type B activity and lymphocyte muscarinic receptor binding in unmedicated children with attention deficit hyperactivity disorder. <i>Biomarkers</i> , 2009 , 14, 513-22	2.6	16
50	No changes in lymphocyte muscarinic receptors and platelet monoamine oxidase-B examined as surrogate central nervous system biomarkers in a Faroese children cohort prenatally exposed to methylmercury and polychlorinated biphenyls. <i>Biomarkers</i> , 2009 , 14, 67-76	2.6	102
49	Human developmental neurotoxicity of methylmercury: impact of variables and risk modifiers. <i>Regulatory Toxicology and Pharmacology</i> , 2008 , 51, 201-14	3.4	100
48	Neurodevelopmental toxicity of methylmercury: Laboratory animal data and their contribution to human risk assessment. <i>Regulatory Toxicology and Pharmacology</i> , 2008 , 51, 215-29	3.4	91
47	Human developmental neurotoxicity of methylmercury and variables. <i>Regulatory Toxicology and Pharmacology</i> , 2008 , 52, 197-198	3.4	
46	Cerebellum cholinergic muscarinic receptor (subtype-2 and -3) and cytoarchitecture after developmental exposure to methylmercury: an immunohistochemical study in rat. <i>Journal of Chemical Neuroanatomy</i> , 2008 , 35, 285-94	3.2	18
45	Comparative HPLC and ELISA studies for CDT isoform characterization in subjects with alcohol related problems. Prospective application in workplace risk-prevention policy. <i>Giornale Italiano Di Medicina Del Lavoro Ed Ergonomia</i> , 2008 , 30, 119-27	0.2	1

44	Perinatal co-exposure to methylmercury and PCB153 or PCB126 in rats alters the cerebral cholinergic muscarinic receptors at weaning and puberty. <i>Toxicology</i> , 2007 , 238, 34-48	4.4	37
43	Methylmercury interaction with lymphocyte cholinergic muscarinic receptors in developing rats. <i>Environmental Research</i> , 2007 , 103, 229-37	7.9	9
42	Brain monoaminergic neurotransmission parameters in weanling rats after perinatal exposure to methylmercury and 2,2,4,4,5,5-hexachlorobiphenyl (PCB153). <i>Brain Research</i> , 2006 , 1112, 91-8	3.7	41
41	Lymphocyte cytochrome c oxidase, cyclic GMP and cholinergic muscarinic receptors as peripheral indicators of carbon monoxide neurotoxicity after acute and repeated exposure in the rat. <i>Life Sciences</i> , 2006 , 78, 1915-24	6.8	5
40	Effects of developmental co-exposure to methylmercury and 2,2,4,4,5,5-hexachlorobiphenyl (PCB153) on cholinergic muscarinic receptors in rat brain. <i>NeuroToxicology</i> , 2006 , 27, 468-77	4.4	45
39	Lymphocyte muscarinic receptors and platelet monoamine oxidase-B as biomarkers of CNS function: effects of age and gender in healthy humans. <i>Environmental Toxicology and Pharmacology</i> , 2005 , 19, 715-20	5.8	13
38	Direct Analysis of Phenol, Catechol and Hydroquinone in Human Urine by Coupled-Column HPLC with Fluorimetric Detection. <i>Chromatographia</i> , 2005 , 62, 25-31	2.1	148
37	Determination of S-phenylmercapturic acid by GC-MS and ELISA: a comparison of the two methods. <i>Biomarkers</i> , 2005 , 10, 238-51	2.6	5
36	In vivo exposure to carbon monoxide causes delayed impairment of activation of soluble guanylate cyclase by nitric oxide in rat brain cortex and cerebellum. <i>Journal of Neurochemistry</i> , 2004 , 89, 1157-65	6	18
35	Diagnostic accuracy of urinary amanitin in suspected mushroom poisoning: a pilot study. <i>Journal of Toxicology: Clinical Toxicology</i> , 2004 , 42, 901-12		30
34	Prolonged ethanol ingestion enhances benzene myelotoxicity and lowers urinary concentrations of benzene metabolite levels in CD-1 male mice. <i>Toxicological Sciences</i> , 2003 , 75, 16-24	4.4	5
33	Neurotoxic and molecular effects of methylmercury in humans. <i>Reviews on Environmental Health</i> , 2003 , 18, 19-31	3.8	95
32	Styrene hepatotoxicity in rats treated by inhalation or intraperitoneally: a structural investigation. <i>Histology and Histopathology</i> , 2003 , 18, 49-54	1.4	2
31	Platelet monoamine oxidase B activity as a state marker for alcoholism: trend over time during withdrawal and influence of smoking and gender. <i>Alcohol and Alcoholism</i> , 2002 , 37, 566-72	3.5	18
30	Effect of sorbic acid administration on urinary trans,trans-muconic acid excretion in rats exposed to low levels of benzene. <i>Food and Chemical Toxicology</i> , 2002 , 40, 1799-806	4.7	19
29	Improved coupled column liquid chromatographic method for high-speed direct analysis of urinary trans,trans-muconic acid, as a biomarker of exposure to benzene. <i>Biomedical Applications</i> , 2001 , 751, 331-9		12
28	Direct analysis of urinary trans,trans-muconic acid by coupled column liquid chromatography and spectrophotometric ultraviolet detection: method applicability to human urine. <i>Biomedical Applications</i> , 2001 , 758, 295-303		13
27	Assessing effects of neurotoxic pollutants by biochemical markers. <i>Environmental Research</i> , 2001 , 85, 31-6	7.9	33

26	Neurotoxicity and molecular effects of methylmercury. <i>Brain Research Bulletin</i> , 2001 , 55, 197-203	3.9	272
25	Low-level exposure to methylmercury modifies muscarinic cholinergic receptor binding characteristics in rat brain and lymphocytes: physiologic implications and new opportunities in biologic monitoring. <i>Environmental Health Perspectives</i> , 2000 , 108, 29-33	8.4	127
24	Effect of styrene on monoamine oxidase B activity in rat brain. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1999 , 56, 59-68	3.2	7
23	Exposure to hydrocarbons and renal disease: an experimental animal model. <i>Renal Failure</i> , 1999 , 21, 369-385	3.5	13
22	Effect of subchronic ethanol ingestion on styrene-induced damage to the tracheal and pulmonary epithelium of the rat. <i>Journal of Applied Toxicology</i> , 1998 , 18, 349-56	4.1	4
21	Styrene-induced alterations in the respiratory tract of rats treated by inhalation or intraperitoneally. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1997 , 52, 63-77	3.2	18
20	Urinary mercapturic acid diastereoisomers in rats subchronically exposed to styrene and ethanol. <i>Archives of Toxicology</i> , 1996 , 70, 736-41	5.8	7
19	Effects of ethanol administration on cerebral non-protein sulfhydryl content in rats exposed to styrene vapour. <i>Toxicology</i> , 1996 , 106, 115-22	4.4	11
18	5-HT ₃ receptor involvement in descending reflex relaxation in the rabbit isolated distal colon. <i>European Journal of Pharmacology</i> , 1995 , 286, 205-8	5.3	5
17	Mechanisms of neurotoxicity: applications to human biomonitoring. <i>Toxicology Letters</i> , 1995 , 77, 63-72	4.4	26
16	Characterization of the 5-HT receptor potentiating neuromuscular cholinergic transmission in strips of human isolated detrusor muscle. <i>British Journal of Pharmacology</i> , 1994 , 113, 1-2	8.6	71
15	Investigation into vanadate-induced potentiation of smooth muscle contractility in the rabbit isolated ileum. <i>Life Sciences</i> , 1994 , 54, 237-44	6.8	18
14	Biomarkers in environmental medicine: alterations of cell signalling as early indicators of neurotoxicity. <i>Functional Neurology</i> , 1994 , 9, 101-9	2.2	14
13	Role of nitric oxide-dependent and -independent mechanisms in peristalsis and accommodation in the rabbit distal colon. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1994 , 270, 929-37	4.7	25
12	Interaction of the neurotoxic pesticides ivermectin and lindane with the enteric GABAA receptor-ionophore complex in the guinea-pig. <i>European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section</i> , 1993 , 248, 1-6		7
11	Peripheral markers of neurochemical function among workers exposed to styrene. <i>Occupational and Environmental Medicine</i> , 1992 , 49, 560-5	2.1	9
10	The influence of neuronal 5-hydroxytryptamine receptor antagonists on non-cholinergic ganglionic transmission in the guinea-pig enteric excitatory reflex. <i>British Journal of Pharmacology</i> , 1992 , 107, 5-7	8.6	6
9	5-hydroxytryptamine ₄ receptor agonists facilitate cholinergic transmission in the circular muscle of guinea pig ileum: antagonism by tropisetron and DAU 6285. <i>Life Sciences</i> , 1992 , 50, PL173-8	6.8	32

8	Vigabatrin does not affect the intestinal absorption of phenytoin in rat duodeno-jejunal loops in situ. <i>Pharmacological Research</i> , 1992 , 26, 201-5	10.2	6
7	Sites of action of morphine on the ascending excitatory reflex in the guinea-pig small intestine. <i>Neuroscience Letters</i> , 1992 , 144, 195-8	3.3	23
6	Calcium entry blockade as a mechanism for chlordimeform-induced inhibition of motor activity in the isolated guinea-pig ileum. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1992 , 71, 426-33		4
5	Benzimidazolone derivatives: a new class of 5-hydroxytryptamine ₄ receptor agonists with prokinetic and acetylcholine releasing properties in the guinea pig ileum. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1992 , 261, 412-9	4.7	29
4	³ H-spiperone labels sigma receptors, not dopamine D2 receptors, in rat and human lymphocytes. <i>Immunopharmacology</i> , 1991 , 22, 93-105		24
3	Two subtypes of enteric non-opioid sigma receptors in guinea-pig cholinergic motor neurons. <i>European Journal of Pharmacology</i> , 1991 , 198, 105-8	5.3	17
2	Interaction of sigma-compounds with receptor-stimulated phosphoinositide metabolism in the rat brain. <i>Journal of Neurochemistry</i> , 1990 , 55, 1741-8	6	28
1	Morphine inhibits the enteric excitatory reflex at multiple neuronal sites. <i>Pharmacological Research</i> , 1990 , 22, 479	10.2	