Teresa Coccini

List of Publications by Year
in descending order

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116 papers	2,965 citations	185998 28 h-index	182168 51 g-index
122 all docs	122 docs citations	122 times ranked	4107 citing authors

#	Article	IF	Citations
1	Threeâ€dimensional spheroid cell culture of human MSCâ€derived neuronâ€like cells: New in vitro model to assess magnetite nanoparticleâ€induced neurotoxicity effects. Journal of Applied Toxicology, 2022, , .	1.4	2
2	Human Umbilical Cord Mesenchymal Stem Cellâ€"Based in vitro Model for Neurotoxicity Testing. Current Protocols, 2022, 2, e423.	1.3	4
3	Second Virtual Summer School: Alternative methods in science: Towards model complexity. ALTEX: Alternatives To Animal Experimentation, 2021, 38, 510-512.	0.9	1
4	How Do Inflammatory Mediators, Immune Response and Air Pollution Contribute to COVID-19 Disease Severity? A Lesson to Learn. Life, 2021, 11, 182.	1.1	11
5	MAM-2201, One of the Most Potentâ€"Naphthoyl Indole Derivativeâ€"Synthetic Cannabinoids, Exerts Toxic Effects on Human Cell-Based Models of Neurons and Astrocytes. Neurotoxicity Research, 2021, 39, 1251-1273.	1.3	12
6	Biomarkers for alcohol abuse/withdrawal and their association with clinical scales and temptation to drink. A prospective pilot study during 4-week residential rehabilitation. Alcohol, 2021, 94, 43-56.	0.8	7
7	In vitroevaluation of magnetite nanoparticles in human mesenchymal stem cells: comparison of different cytotoxicity assays. Toxicology Mechanisms and Methods, 2020, 30, 48-59.	1.3	10
8	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. International Journal of Molecular Sciences, 2020, 21, 271.	1.8	15
9	Developmental Neurotoxicity Screening for Nanoparticles Using Neuron-Like Cells of Human Umbilical Cord Mesenchymal Stem Cells: Example with Magnetite Nanoparticles. Nanomaterials, 2020, 10, 1607.	1.9	12
10	Virtual Summer School: Alternative methods and models in science: A multidisciplinary in vitro approach. ALTEX: Alternatives To Animal Experimentation, 2020, 37, 500-502.	0.9	0
11	Cytotoxic Effects of 3,4-Catechol-PV (One Major MDPV Metabolite) on Human Dopaminergic SH-SY5Y Cells. Neurotoxicity Research, 2019, 35, 49-62.	1.3	12
12	Pulmonary and hepatic effects after low dose exposure to nanosilver: Early and long-lasting histological and ultrastructural alterations in rat. Toxicology Reports, 2019, 6, 1047-1060.	1.6	32
13	In vitro toxicity screening of magnetite nanoparticles by applying mesenchymal stem cells derived from human umbilical cord lining. Journal of Applied Toxicology, 2019, 39, 1320-1336.	1.4	16
14	Organoids are promising tools for speciesâ€specific in vitro toxicological studies. Journal of Applied Toxicology, 2019, 39, 1610-1622.	1.4	58
15	3D spheroid cultures from human astrocyte- and neuronal- like cells: New in vitro models to assess magnetite nanoparticle-induced adverse effects on CNS. Toxicology Letters, 2018, 295, S117.	0.4	0
16	Human 3D Cultures as Models for Evaluating Magnetic Nanoparticle CNS Cytotoxicity after Short- and Repeated Long-Term Exposure. International Journal of Molecular Sciences, 2018, 19, 1993.	1.8	35
17	Blood MCP-1 levels are increased in chronic obstructive pulmonary disease patients with prevalent emphysema. International Journal of COPD, 2018, Volume 13, 1691-1700.	0.9	43
18	Blood MCP-1 levels are increased in chronic obstructive pulmonary disease with prevalent emphysema. , 2018, , .		0

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19	Human neuronal cell based assay: A new in vitro model for toxicity evaluation of ciguatoxin. Environmental Toxicology and Pharmacology, 2017, 52, 200-213.	2.0	7
20	Toxicity Evaluation of Iron Oxide (Fe₃O₄) Nanoparticles on Human Neuroblastoma-Derived SH-SY5Y Cell Line. Journal of Nanoscience and Nanotechnology, 2017, 17, 203-211.	0.9	17
21	Human Co-culture Model of Neurons and Astrocytes to Test Acute Cytotoxicity of Neurotoxic Compounds. International Journal of Toxicology, 2017, 36, 463-477.	0.6	39
22	Cytotoxicity and proliferative capacity impairment induced on human brain cell cultures after short- and long-term exposure to magnetite nanoparticles. Journal of Applied Toxicology, 2017, 37, 361-373.	1.4	43
23	A Review of the Mycotoxin Enniatin B. Frontiers in Public Health, 2017, 5, 304.	1.3	100
24	Single Silver Nanoparticle Instillation Induced Early and Persisting Moderate Cortical Damage in Rat Kidneys. International Journal of Molecular Sciences, 2017, 18, 2115.	1.8	17
25	IN vitro toxicology: From INtestine to braIN. ALTEX: Alternatives To Animal Experimentation, 2017, 34, 439-440.	0.9	2
26	Mercury Vapour Long-Lasting Exposure: Lymphocyte Muscarinic Receptors as Neurochemical Markers of Accidental Intoxication. Case Reports in Medicine, 2016, 2016, 1-8.	0.3	0
27	Brief exposure to nanosized and bulk titanium dioxide forms induces subtle changes in human D384 astrocytes. Toxicology Letters, 2016, 254, 8-21.	0.4	5
28	Comparative cellular toxicity of titanium dioxide nanoparticles on human astrocyte and neuronal cells after acute and prolonged exposure. NeuroToxicology, 2015, 48, 77-89.	1.4	74
29	Enhanced toxicity of silver nanoparticles in transgenicCaenorhabditis elegansexpressing amyloidogenic proteins. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2015, 22, 221-228.	1.4	9
30	One-month persistence of inflammation and alteration of fibrotic marker and cytoskeletal proteins in rat kidney after Cd-doped silica nanoparticle instillation. Toxicology Letters, 2015, 232, 449-457.	0.4	15
31	Assessment of Cellular Responses after Short- and Long-Term Exposure to Silver Nanoparticles in Human Neuroblastoma (SH-SY5Y) and Astrocytoma (D384) Cells. Scientific World Journal, The, 2014, 2014, 1-13.	0.8	31
32	MAM-2201 (Analytically Confirmed) Intoxication After â€œSynthacaineâ€•Consumption. Annals of Emergency Medicine, 2014, 64, 629-632.	0.3	33
33	Bloodâ€“brain barrier (BBB) toxicity and permeability assessment after L-(4-10Boronophenyl)alanine, a conventional B-containing drug for boron neutron capture therapy, using an in vitro BBB model. Brain Research, 2014, 1583, 34-44.	1.1	7
34	Neurotoxicity of European viperids in Italy: Pavia Poison Control Centre case series 2001â€“2011. Clinical Toxicology, 2014, 52, 269-276.	0.8	25
35	Gene Expression Changes in Rat Liver and Testes after Lung Instillation of a Low Dose of Silver Nanoparticles. Journal of Nanomedicine & Nanotechnology, 2014, 05, .	1.1	19
36	Apoptosis induction and histological changes in rat kidney following Cd-doped silica nanoparticle exposure: evidence of persisting effects. Toxicology Mechanisms and Methods, 2013, 23, 566-575.	1.3	16

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37	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. NeuroToxicology, 2013, 35, 84-90.	1.4	17
38	Safety Evaluation of Engineered Nanomaterials for Health Risk Assessment: An Experimental Tiered Testing Approach Using Pristine and Functionalized Carbon Nanotubes. ISRN Toxicology, 2013, 2013, 1-13.	2.7	27
39	Morphological and cytohistochemical evaluation of renal effects of cadmium-doped silica nanoparticles given intratracheally to rat. Journal of Physics: Conference Series, 2013, 429, 012033.	0.3	2
40	In VitroToxicity Evaluation of Engineered Cadmium-Coated Silica Nanoparticles on Human Pulmonary Cells. Journal of Toxicology, 2013, 2013, 1-10.	1.4	15
41	Pulmonary toxicity of instilled cadmium-doped silica nanoparticles during acute and subacute stages in rats. Histology and Histopathology, 2013, 28, 195-209.	0.5	32
42	Gene expression profiling in rat kidney after intratracheal exposure to cadmium-doped nanoparticles. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	15
43	Long-lasting oxidative pulmonary insult in rat after intratracheal instillation of silica nanoparticles doped with cadmium. Toxicology, 2012, 302, 203-211.	2.0	12
44	Application of Neurochemical Markers for Assessing Health Effects after Developmental Methylmercury and PCB Coexposure. Journal of Toxicology, 2012, 2012, 1-10.	1.4	6
45	Novel tools for blood inflammatory markers detection in monitoring air pollution-induced cardio-respiratory symptoms. Giornale Italiano Di Medicina Del Lavoro Ed Ergonomia, 2012, 34, 175-86.	0.3	0
46	Gene expression analysis in rat lungs after intratracheal exposure to nanoparticles doped with cadmium. Journal of Physics: Conference Series, 2011, 304, 012025.	0.3	5
47	Developmental exposure to methylmercury and 2,2â€²,4,4â€²,5,5â€²-hexachlorobiphenyl (PCB153) affects cerebral dopamine D1-like and D2-like receptors of weanling and pubertal rats. Archives of Toxicology, 2011, 85, 1281-1294.	1.9	29
48	Comparative pulmonary toxicity assessment of pristine and functionalized multi-walled carbon nanotubes intratracheally instilled in rats: morphohistochemical evaluations. Histology and Histopathology, 2011, 26, 357-67.	0.5	26
49	Effects of water-soluble functionalized multi-walled carbon nanotubes examined by different cytotoxicity methods in human astrocyte D384 and lung A549 cells. Toxicology, 2010, 269, 41-53.	2.0	117
50	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. Toxicology in Vitro, 2010, 24, 217-223.	1.1	19
51	Kinetics and oxidative stress evaluation of silica nanoparticles doped with cadmium after intratracheal instillation in rat. Toxicology Letters, 2010, 196, S277-S278.	0.4	0
52	Single step determination of PCB 126 and 153 in rat tissues by using solid phase microextraction/gas chromatographyâ€"mass spectrometry: Comparison with solid phase extraction and liquid/liquid extraction. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 773-783.	1.2	20
53	An in vitro assay for assessing methylmercury and PCB153 effects on bloodâ€"brain barrier (BBB) integrity. Toxicology Letters, 2009, 189, S78-S79.	0.4	0
54	The degree of functionalization affects in vitro cytotoxicity of multi-walled carbon nanotubes (CNTs). Toxicology Letters, 2009, 189, S183-S184.	0.4	0

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55	Reduced platelet monoamine oxidase type B activity and lymphocyte muscarinic receptor binding in unmedicated children with attention deficit hyperactivity disorder. Biomarkers, 2009, 14, 513-522.	0.9	19
56	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. Biomarkers, 2009, 14, 67-76.	0.9	106
57	Human developmental neurotoxicity of methylmercury: Impact of variables and risk modifiers. Regulatory Toxicology and Pharmacology, 2008, 51, 201-214.	1.3	111
58	Neurodevelopmental toxicity of methylmercury: Laboratory animal data and their contribution to human risk assessment. Regulatory Toxicology and Pharmacology, 2008, 51, 215-229.	1.3	101
59	Human developmental neurotoxicity of methylmercury and variables. Regulatory Toxicology and Pharmacology, 2008, 52, 197-198.	1.3	0
60	Cerebellum cholinergic muscarinic receptor (subtype-2 and -3) and cytoarchitecture after developmental exposure to methylmercury: An immunohistochemical study in rat. Journal of Chemical Neuroanatomy, 2008, 35, 285-294.	1.0	21
61	Comparative HPLC and ELISA studies for CDT isoform characterization in subjects with alcohol related problems. Prospective application in workplace risk-prevention policy. Giornale Italiano Di Medicina Del Lavoro Ed Ergonomia, 2008, 30, 119-27.	0.3	2
62	Methylmercury interaction with lymphocyte cholinergic muscarinic receptors in developing rats. Environmental Research, 2007, 103, 229-237.	3.7	9
63	Diagnostic efficacy of urinary amanitin analysis in mushroom poisoning. Toxicology Letters, 2007, 172, S135.	0.4	0
64	Developmental co-exposure to methylmercury and PCB153 or PCB126 affects cerebral cholinergic muscarinic receptors at weaning and puberty in rats. Toxicology Letters, 2007, 172, S180.	0.4	0
65	Effects of gestational and lactational exposure to PCB126 and methylmercury on circulating steroid hormone levels at weaning and puberty in the rat. Toxicology Letters, 2007, 172, S192.	0.4	1
66	Perinatal co-exposure to methylmercury and PCB153 or PCB126 in rats alters the cerebral cholinergic muscarinic receptors at weaning and puberty. Toxicology, 2007, 238, 34-48.	2.0	38
67	Effects of developmental exposure to methylmercury and PCB153 on cholinergic receptors at weaning and puberty in the rat. Toxicology Letters, 2006, 164, S26.	0.4	0
68	Craving in alcoholism. Toxicology Letters, 2006, 164, S77.	0.4	0
69	Effects of in utero and lactational exposure to methylmercury and PCB153 on cerebral dopaminergic receptors in rats at weaning and puberty. Toxicology Letters, 2006, 164, S77-S78.	0.4	0
70	Developmental exposure to PCB153 and methylmercury on sex hormone levels at early and late postnatal periods in rats. Toxicology Letters, 2006, 164, S167-S168.	0.4	2
71	PCB153 and methylmercury (MeHg) assessment of target tissues doses in rats after single and combined exposures: Mothers versus pups comparisons. Toxicology Letters, 2006, 164, S177-S178.	0.4	0
72	In vitro myelotoxicity of aflatoxins B1 and M1 on murine and human hemopoietic progenitors. Toxicology Letters, 2006, 164, S206-S207.	0.4	0

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73	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. Life Sciences, 2006, 78, 1915-1924.	2.0	7
74	Effects of developmental co-exposure to methylmercury and 2,2â€²,4,4â€²,5,5â€²-hexachlorobiphenyl (PCB153) on cholinergic muscarinic receptors in rat brain. NeuroToxicology, 2006, 27, 468-477.	1.4	46
75	Urinary amanitin analysis in mushroom poisoning. European Journal of Emergency Medicine, 2006, 13, A13.	0.5	0
76	Brain monoaminergic neurotransmission parameters in weanling rats after perinatal exposure to methylmercury and 2,2â€²,4,4â€²,5,5â€²-hexachlorobiphenyl (PCB153). Brain Research, 2006, 1112, 91-98.	1.1	44
77	Direct Analysis of Phenol, Catechol and Hydroquinone in Human Urine by Coupled-Column HPLC with Fluorimetric Detection. Chromatographia, 2005, 62, 25-31.	0.7	190
78	Determination ofS-phenylmercapturic acid by GC-MS and ELISA: a comparison of the two methods. Biomarkers, 2005, 10, 238-251.	0.9	7
79	Lymphocyte muscarinic receptors and platelet monoamine oxidase-B as biomarkers of CNS function: effects of age and gender in healthy humans. Environmental Toxicology and Pharmacology, 2005, 19, 715-720.	2.0	14
80	In vivo exposure to carbon monoxide causes delayed impairment of activation of soluble guanylate cyclase by nitric oxide in rat brain cortex and cerebellum. Journal of Neurochemistry, 2004, 89, 1157-1165.	2.1	21
81	Diagnostic Accuracy of Urinary Amanitin in Suspected Mushroom Poisoning: A Pilot Study. Journal of Toxicology: Clinical Toxicology, 2004, 42, 901-912.	1.5	39
82	Prolonged Ethanol Ingestion Enhances Benzene Myelotoxicity and Lowers Urinary Concentrations of Benzene Metabolite Levels in CD-1 Male Mice. Toxicological Sciences, 2003, 75, 16-24.	1.4	6
83	Neurotoxic and Molecular Effects of Methylmercury in Humans. Reviews on Environmental Health, 2003, 18, 19-31.	1.1	119
84	Styrene hepatotoxicity in rats treated by inhalation or intraperitoneally: a structural investigation. Histology and Histopathology, 2003, 18, 49-54.	0.5	2
85	PLATELET MONOAMINE OXIDASE B ACTIVITY AS A STATE MARKER FOR ALCOHOLISM: TREND OVER TIME DURING WITHDRAWAL AND INFLUENCE OF SMOKING AND GENDER. Alcohol and Alcoholism, 2002, 37, 566-572.	0.9	21
86	Effect of sorbic acid administration on urinary trans,trans-muconic acid excretion in rats exposed to low levels of benzene. Food and Chemical Toxicology, 2002, 40, 1799-1806.	1.8	23
87	Assessing Effects of Neurotoxic Pollutants by Biochemical Markers. Environmental Research, 2001, 85, 31-36.	3.7	35
88	Neurotoxicity and molecular effects of methylmercury. Brain Research Bulletin, 2001, 55, 197-203.	1.4	290
89	Improved coupled column liquid chromatographic method for high-speed direct analysis of urinary trans,trans-muconic acid, as a biomarker of exposure to benzene. Biomedical Applications, 2001, 751, 331-339.	1.7	15
90	Direct analysis of urinary trans,trans-muconic acid by coupled column liquid chromatography and spectrophotometric ultraviolet detection: method applicability to human urine. Biomedical Applications, 2001, 758, 295-303.	1.7	14

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91	Low-level exposure to methylmercury modifies muscarinic cholinergic receptor binding characteristics in rat brain and lymphocytes: physiologic implications and new opportunities in biologic monitoring.. Environmental Health Perspectives, 2000, 108, 29-33.	2.8	131
92	EFFECT OF STYRENE ON MONOAMINE OXIDASE B ACTIVITY IN RAT BRAIN. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1999, 56, 59-68.	1.1	8
93	Exposure to Hydrocarbons and Renal Disease: An Experimental Animal Model. Renal Failure, 1999, 21, 369-385.	0.8	16
94	Effect of subchronic ethanol ingestion on styrene-induced damage to the tracheal and pulmonary epithelium of the rat. , 1998, 18, 349-356.		6
95	STYRENE-INDUCED ALTERATIONS IN THE RESPIRATORY TRACT OF RATS TREATED BY INHALATION OR INTRAPERITONEALLY. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1997, 52, 63-77.	1.1	26
96	Urinary mercapturic acid diastereoisomers in rats subchronically exposed to styrene and ethanol. Archives of Toxicology, 1996, 70, 736-741.	1.9	7
97	Effects of ethanol administration on cerebral non-protein sulfhydryl content in rats exposed to styrene vapour. Toxicology, 1996, 106, 115-122.	2.0	11
98	5-HT3 receptor involvement in descending reflex relaxation in the rabbit isolated distal colon. European Journal of Pharmacology, 1995, 286, 205-208.	1.7	7
99	Mechanisms of neurotoxicity: applications to human biomonitoring. Toxicology Letters, 1995, 77, 63-72.	0.4	26
100	Characterization of the 5â€HT receptor potentiating neuromuscular cholinergic transmission in strips of human isolated detrusor muscle. British Journal of Pharmacology, 1994, 113, 1-2.	2.7	83
101	Investigation into vanadate-induced potentiation of smooth muscle contractility in the rabbit isolated ileum. Life Sciences, 1994, 54, 237-244.	2.0	19
102	Biomarkers in environmental medicine: alterations of cell signalling as early indicators of neurotoxicity. Functional Neurology, 1994, 9, 101-9.	1.3	14
103	Role of nitric oxide-dependent and -independent mechanisms in peristalsis and accommodation in the rabbit distal colon. Journal of Pharmacology and Experimental Therapeutics, 1994, 270, 929-37.	1.3	29
104	Interaction of the neurotoxic pesticides ivermectin and lindane with the enteric GABAA receptor-ionophore complex in the guinea-pig. European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section, 1993, 248, 1-6.	0.8	7
105	Peripheral markers of neurochemical function among workers exposed to styrene.. Occupational and Environmental Medicine, 1992, 49, 560-565.	1.3	15
106	The influence of neuronal 5-hydroxytryptamine receptor antagonists on non-cholinergic ganglionic transmission in the guinea-pig enteric excitatory reflex. British Journal of Pharmacology, 1992, 107, 5-7.	2.7	9
107	5-Hydroxytryptamine4 receptor agonists facilitate cholinergic transmission in the circular muscle of guinea pig ileum: Antagonism by tropisetron and DAU 6285. Life Sciences, 1992, 50, PL173-PL178.	2.0	36
108	Styrene-induced glutathione depletion in rat brain. effects of ethanol. Pharmacological Research, 1992, 26, 311.	3.1	0

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109	Vigabatrin does not affect the intestinal absorption of phenytoin in rat duodeno-jejunal loops in situ. Pharmacological Research, 1992, 26, 201-205.	3.1	6
110	Sites of action of morphine on the ascending excitatory reflex in the guinea-pig small intestine. Neuroscience Letters, 1992, 144, 195-198.	1.0	25
111	Calcium Entry Blockade as a Mechanism for Chlordimeformâ€Induced Inhibition of Motor Activity in the Isolated Guineaâ€Pig Ileum. Basic and Clinical Pharmacology and Toxicology, 1992, 71, 426-433.	0.0	4
112	Benzimidazolone derivatives: a new class of 5-hydroxytryptamine4 receptor agonists with prokinetic and acetylcholine releasing properties in the guinea pig ileum. Journal of Pharmacology and Experimental Therapeutics, 1992, 261, 412-9.	1.3	32
113	Two subtypes of enteric non-opioid Ïƒ receptors in guinea-pig cholinergic motor neurons. European Journal of Pharmacology, 1991, 198, 105-108.	1.7	18
114	3H-spiperone labels sigma receptors, not dopamine D2 receptors, in rat and human lymphocytes. Immunopharmacology, 1991, 22, 93-105.	2.0	24
115	Interaction of ?-Compounds with Receptor-Stimulated Phosphoinositide Metabolism in the Rat Brain. Journal of Neurochemistry, 1990, 55, 1741-1748.	2.1	28
116	Morphine inhibits the enteric excitatory reflex at multiple neuronal sites. Pharmacological Research, 1990, 22, 479.	3.1	0