

Rafael Reynoso-Robles

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.

43
papers

2,245
citations

19
h-index

45
g-index

45
ext. papers

2,678
ext. citations

4.6
avg, IF

4.55
L-index

#	Paper	IF	Citations
43	Environmental Nanoparticles Reach Human Fetal Brains.. <i>Biomedicines</i> , 2022 , 10,	4.8	2
42	Environmental Fe, Ti, Al, Cu, Hg, Bi, and Si Nanoparticles in the Atrioventricular Conduction Axis and the Associated Ultrastructural Damage in Young Urbanites: Cardiac Arrhythmias Caused by Anthropogenic, Industrial, E-Waste, and Indoor Nanoparticles. <i>Environmental Science & Technology</i> , 2021 , 55, 8203-8214	10.3	1
41	Iron-rich air pollution nanoparticles: An unrecognised environmental risk factor for myocardial mitochondrial dysfunction and cardiac oxidative stress. <i>Environmental Research</i> , 2020 , 188, 109816	7.9	35
40	Reduced repressive epigenetic marks, increased DNA damage and Alzheimer's disease hallmarks in the brain of humans and mice exposed to particulate urban air pollution. <i>Environmental Research</i> , 2020 , 183, 109226	7.9	37
39	Alzheimer disease starts in childhood in polluted Metropolitan Mexico City. A major health crisis in progress. <i>Environmental Research</i> , 2020 , 183, 109137	7.9	30
38	Fetal and Postnatal Nicotine Exposure Modifies Maturation of Gonocytes to Spermatogonia in Mice. <i>Analytical Cellular Pathology</i> , 2020 , 2020, 8892217	3.4	1
37	Prenatal exposure to oxcarbazepine increases hippocampal apoptosis in rat offspring. <i>Journal of Chemical Neuroanatomy</i> , 2020 , 103, 101729	3.2	2
36	Quadruple abnormal protein aggregates in brainstem pathology and exogenous metal-rich magnetic nanoparticles (and engineered Ti-rich nanorods). The substantia nigrae is a very early target in young urbanites and the gastrointestinal tract a key brainstem portal. <i>Environmental Research</i> , 2020 , 191, 110139	7.9	20
35	Environmental Nanoparticles, SARS-CoV-2 Brain Involvement, and Potential Acceleration of Alzheimer's and Parkinson's Diseases in Young Urbanites Exposed to Air Pollution. <i>Journal of Alzheimer's Disease</i> , 2020 , 78, 479-503	4.3	15
34	On the molecular and cellular effects of omeprazole to further support its effectiveness as an anti-giardial drug. <i>Scientific Reports</i> , 2019 , 9, 8922	4.9	9
33	Antigiardiasic activity of Cu(II) coordination compounds: Redox imbalance and membrane damage after a short exposure time. <i>Journal of Inorganic Biochemistry</i> , 2019 , 195, 83-90	4.2	10
32	Air Pollution, Combustion and Friction Derived Nanoparticles, and Alzheimer's Disease in Urban Children and Young Adults. <i>Journal of Alzheimer's Disease</i> , 2019 , 70, 343-360	4.3	16
31	Combustion and friction-derived nanoparticles and industrial-sourced nanoparticles: The culprit of Alzheimer and Parkinson's diseases. <i>Environmental Research</i> , 2019 , 176, 108574	7.9	38
30	Combustion- and friction-derived magnetic air pollution nanoparticles in human hearts. <i>Environmental Research</i> , 2019 , 176, 108567	7.9	66
29	High-glucose diets induce mitochondrial dysfunction in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2019 , 14, e0226652	3.7	16
28	Hallmarks of Alzheimer disease are evolving relentlessly in Metropolitan Mexico City infants, children and young adults. APOE4 carriers have higher suicide risk and higher odds of reaching NFT stage V at 40 years of age. <i>Environmental Research</i> , 2018 , 164, 475-487	7.9	64
27	Non-Phosphorylated Tau in Cerebrospinal Fluid is a Marker of Alzheimer's Disease Continuum in Young Urbanites Exposed to Air Pollution. <i>Journal of Alzheimer's Disease</i> , 2018 , 66, 1437-1451	4.3	9

26	Alzheimer β disease and alpha-synuclein pathology in the olfactory bulbs of infants, children, teens and adults \geq 40 years in Metropolitan Mexico City. APOE4 carriers at higher risk of suicide accelerate their olfactory bulb pathology. <i>Environmental Research</i> , 2018 , 166, 348-362	7.9	47
25	Combustion-Derived Nanoparticles in Key Brain Target Cells and Organelles in Young Urbanites: Culprit Hidden in Plain Sight in Alzheimer β Disease Development. <i>Journal of Alzheimers Disease</i> , 2017 , 59, 189-208	4.3	68
24	Combustion-derived nanoparticles, the neuroenteric system, cervical vagus, hyperphosphorylated alpha synuclein and tau in young Mexico City residents. <i>Environmental Research</i> , 2017 , 159, 186-201	7.9	23
23	Prefrontal white matter pathology in air pollution exposed Mexico City young urbanites and their potential impact on neurovascular unit dysfunction and the development of Alzheimer β disease. <i>Environmental Research</i> , 2016 , 146, 404-17	7.9	105
22	The invasive potential of <i>Giardia intestinalis</i> in an in vivo model. <i>Scientific Reports</i> , 2015 , 5, 15168	4.9	19
21	Bioabsorbable implant as a tracheal wall substitute in young developing canines. <i>ASAIO Journal</i> , 2014 , 60, 466-72	3.6	2
20	Intraepithelial giardia intestinalis: a case report and literature review. <i>Medicine (United States)</i> , 2014 , 93, e277	1.8	14
19	Clinical and biological acceptance of a fibrocollagen-coated mersylene patch for tracheal repair in growing dogs. <i>Journal of Laryngology and Otology</i> , 2014 , 128, 630-40	1.8	1
18	Up-regulation of mRNA ventricular PRNP prion protein gene expression in air pollution highly exposed young urbanites: endoplasmic reticulum stress, glucose regulated protein 78, and nanosized particles. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 23471-91	6.3	11
17	Intra-city Differences in Cardiac Expression of Inflammatory Genes and Inflammasomes in Young Urbanites: A Pilot Study. <i>Journal of Toxicologic Pathology</i> , 2012 , 25, 163-73	1.4	16
16	In vitro activity of the F-6 fraction of oregano against <i>Giardia intestinalis</i> . <i>Parasitology</i> , 2012 , 139, 434-40	2.7	11
15	Neuroinflammation, hyperphosphorylated tau, diffuse amyloid plaques, and down-regulation of the cellular prion protein in air pollution exposed children and young adults. <i>Journal of Alzheimers Disease</i> , 2012 , 28, 93-107	4.3	193
14	The effect of CTLA-4Ig, a CD28/B7 antagonist, on the lung inflammation and T cell subset profile during murine hypersensitivity pneumonitis. <i>Experimental and Molecular Pathology</i> , 2011 , 91, 718-22	4.4	15
13	Fibrocollagen-covered prosthesis for a noncircumferential segmental tracheal replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 139, 32-7	1.5	4
12	Urban air pollution: influences on olfactory function and pathology in exposed children and young adults. <i>Experimental and Toxicologic Pathology</i> , 2010 , 62, 91-102		216
11	Effects of a cyclooxygenase-2 preferential inhibitor in young healthy dogs exposed to air pollution: a pilot study. <i>Toxicologic Pathology</i> , 2009 , 37, 644-60	2.1	20
10	Effect of oxcarbazepine pretreatment on convulsive activity and brain damage induced by kainic acid administration in rats. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008 , 151, 471-476	2.6	3
9	Air pollution, cognitive deficits and brain abnormalities: a pilot study with children and dogs. <i>Brain and Cognition</i> , 2008 , 68, 117-27	2.7	348

8	Long-term air pollution exposure is associated with neuroinflammation, an altered innate immune response, disruption of the blood-brain barrier, ultrafine particulate deposition, and accumulation of amyloid beta-42 and alpha-synuclein in children and young adults. <i>Toxicologic Pathology</i> , 2008 , 36, 289-310	2.1	566
7	Goblet cells: are they an unspecific barrier against <i>Giardia intestinalis</i> or a gate?. <i>Parasitology Research</i> , 2008 , 102, 509-13	2.4	14
6	Pediatric respiratory and systemic effects of chronic air pollution exposure: nose, lung, heart, and brain pathology. <i>Toxicologic Pathology</i> , 2007 , 35, 154-62	2.1	126
5	Pontine and cerebellar norepinephrine content in adult rats recovering from focal cortical injury. <i>Neurochemical Research</i> , 2006 , 31, 1443-9	4.6	8
4	Oregano (<i>Lippia</i> spp.) kills <i>Giardia intestinalis</i> trophozoites in vitro: anti-giardiasis activity and ultrastructural damage. <i>Parasitology Research</i> , 2006 , 98, 557-60	2.4	21
3	Brain thiobarbituric acid-reactive substances in rats after short periods of ozone exposure. <i>Environmental Research</i> , 2005 , 99, 68-71	7.9	8
2	Pontine norepinephrine content after motor cortical ablation in rats. <i>Proceedings of the Western Pharmacology Society</i> , 2005 , 48, 73-6		3
1	Mortality and morphological changes in <i>Giardia duodenalis</i> induced by exposure to ethanolic extracts of <i>Justicia spicigera</i> . <i>Proceedings of the Western Pharmacology Society</i> , 2001 , 44, 151-2		5