

Rafael Reynoso-Robles

List of Publications by Year in descending order

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44
papers

3,072
citations

331259

21
h-index

233125

45
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45
all docs

45
docs citations

45
times ranked

3592
citing authors

#	ARTICLE	IF	CITATIONS
1	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 β -42 and α -Synuclein in Children and Young Adults. <i>Toxicologic Pathology</i> , 2008, 36, 289-310.	0.9	718
2	Air pollution, cognitive deficits and brain abnormalities: A pilot study with children and dogs. <i>Brain and Cognition</i> , 2008, 68, 117-127.	0.8	450
3	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.	2.1	287
4	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 Alzheimer's Disease</i> , 2012, 28, 93-107.	1.2	234
5	Pediatric Respiratory and Systemic Effects of Chronic Air Pollution Exposure: Nose, Lung, Heart, and Brain Pathology. <i>Toxicologic Pathology</i> , 2007, 35, 154-162.	0.9	140
6	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's disease. <i>Environmental Research</i> , 2016, 146, 404-417.	3.7	135
7	Combustion- and friction-derived magnetic air pollution nanoparticles in human hearts. <i>Environmental Research</i> , 2019, 176, 108567.	3.7	117
8	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 \approx 40 years of age. <i>Environmental Research</i> , 2018, 164, 475-487.	3.7	99
9	Combustion-Derived Nanoparticles in Key Brain Target Cells and Organelles in Young Urbanites: Culprit Hidden in Plain Sight in Alzheimer's Disease Development. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 189-208.	1.2	91
10	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.	3.7	74
11	Alzheimer's disease and alpha-synuclein pathology in the olfactory bulbs of infants, children, teens and adults \approx 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.	3.7	71
12	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.	3.7	65
13	Alzheimer disease starts in childhood in polluted Metropolitan Mexico City. A major health crisis in progress. <i>Environmental Research</i> , 2020, 183, 109137.	3.7	58
14	Combustion and friction-derived nanoparticles and industrial-sourced nanoparticles: The culprit of Alzheimer and Parkinson's diseases.. <i>Environmental Research</i> , 2019, 176, 108574.	3.7	55
15	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.	3.7	50
16	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.	3.7	32
17	High-glucose diets induce mitochondrial dysfunction in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2019, 14, e0226652.	1.1	29
18	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.	1.2	28

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19	Effects of a Cyclooxygenase-2 Preferential Inhibitor in Young Healthy Dogs Exposed to Air Pollution: A Pilot Study. <i>Toxicologic Pathology</i> , 2009, 37, 644-660.	0.9	23
20	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.	1.2	23
21	Environmental Nanoparticles Reach Human Fetal Brains. <i>Biomedicines</i> , 2022, 10, 410.	1.4	23
22	The invasive potential of <i>Giardia intestinalis</i> in an in vivo model. <i>Scientific Reports</i> , 2015, 5, 15168.	1.6	22
23	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.	1.6	22
24	Oregano (<i>Lippia</i> spp.) kills <i>Giardia intestinalis</i> trophozoites in vitro: anti-giardiasic activity and ultrastructural damage. <i>Parasitology Research</i> , 2006, 98, 557-560.	0.6	21
25	Goblet cells: are they an unspecific barrier against <i>Giardia intestinalis</i> or a gate?. <i>Parasitology Research</i> , 2008, 102, 509-513.	0.6	18
26	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.	1.2	18
27	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, 163-173.	0.3	17
28	Intraepithelial <i>Giardia Intestinalis</i> . <i>Medicine (United States)</i> , 2014, 93, e277.	0.4	17
29	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, 718-722.	0.9	16
30	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, 23471-23491.	1.8	14
31	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.	1.5	14
32	Environmentally Toxic Solid Nanoparticles in Noradrenergic and Dopaminergic Nuclei and Cerebellum of Metropolitan Mexico City Children and Young Adults with Neural Quadruple Misfolded Protein Pathologies and High Exposures to Nano Particulate Matter. <i>Toxics</i> , 2022, 10, 164.	1.6	14
33	<i>In vitro</i> activity of the F-6 fraction of oregano against <i>Giardia intestinalis</i> . <i>Parasitology</i> , 2012, 139, 434-440.	0.7	12
34	Pontine and Cerebellar Norepinephrine Content in Adult Rats Recovering from Focal Cortical Injury. <i>Neurochemical Research</i> , 2006, 31, 1443-1449.	1.6	9
35	Brain thiobarbituric acid-reactive substances in rats after short periods of ozone exposure. <i>Environmental Research</i> , 2005, 99, 68-71.	3.7	8
36	Fibrocollagen-covered prosthesis for a noncircumferential segmental tracheal replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 139, 32-37.	0.4	7

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37	Prenatal exposure to oxcarbazepine increases hippocampal apoptosis in rat offspring. <i>Journal of Chemical Neuroanatomy</i> , 2020, 103, 101729.	1.0	7
38	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.	0.8	6
39	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.	4.6	6
40	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.	0.1	6
41	Bioabsorbable Implant as a Tracheal Wall Substitute in Young Developing Canines. <i>ASAIO Journal</i> , 2014, 60, 466-472.	0.9	3
42	Pontine norepinephrine content after motor cortical ablation in rats. <i>Proceedings of the Western Pharmacology Society</i> , 2005, 48, 73-6.	0.1	3
43	Fetal and Postnatal Nicotine Exposure Modifies Maturation of Gonocytes to Spermatogonia in Mice. <i>Analytical Cellular Pathology</i> , 2020, 2020, 1-14.	0.7	2
44	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, 630-640.	0.4	1