

# Sara Mostafalou

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8326065/sara-mostafalou-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

30  
papers

2,071  
citations

19  
h-index

32  
g-index

32  
ext. papers

2,399  
ext. citations

3.4  
avg, IF

5.64  
L-index

#	Paper	IF	Citations
30	Pesticides and human chronic diseases: evidences, mechanisms, and perspectives. <i>Toxicology and Applied Pharmacology</i> , <b>2013</b> , 268, 157-77	4.6	677
29	Pesticides: an update of human exposure and toxicity. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 549-599	5.8	305
28	Review of endocrine disorders associated with environmental toxicants and possible involved mechanisms. <i>Life Sciences</i> , <b>2016</b> , 145, 265-73	6.8	198
27	Current understandings and perspectives on non-cancer health effects of benzene: a global concern. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 276, 83-94	4.6	138
26	Oxidative stress and cholinesterase inhibition in saliva and plasma of rats following subchronic exposure to malathion. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2004</b> , 137, 29-34	3.2	115
25	Total antioxidant capacity and levels of epidermal growth factor and nitric oxide in blood and saliva of insulin-dependent diabetic patients. <i>Archives of Medical Research</i> , <b>2005</b> , 36, 376-81	6.6	106
24	Biochemical evidence on the potential role of organophosphates in hepatic glucose metabolism toward insulin resistance through inflammatory signaling and free radical pathways. <i>Toxicology and Industrial Health</i> , <b>2012</b> , 28, 840-51	1.8	60
23	The link of organophosphorus pesticides with neurodegenerative and neurodevelopmental diseases based on evidence and mechanisms. <i>Toxicology</i> , <b>2018</b> , 409, 44-52	4.4	55
22	Different biokinetics of nanomedicines linking to their toxicity; an overview. <i>DARU, Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 21, 14	3.9	51
21	Growing burden of diabetes in Pakistan and the possible role of arsenic and pesticides. <i>Journal of Diabetes and Metabolic Disorders</i> , <b>2014</b> , 13, 117	2.5	39
20	Ineffectiveness of allopurinol in reduction of oxidative stress in diabetic patients; a randomized, double-blind placebo-controlled clinical trial. <i>Biomedicine and Pharmacotherapy</i> , <b>2004</b> , 58, 546-50	7.5	38
19	Molecular mechanisms involved in lead induced disruption of hepatic and pancreatic glucose metabolism. <i>Environmental Toxicology and Pharmacology</i> , <b>2015</b> , 39, 16-26	5.8	34
18	The Role of Environmental Pollution of Pesticides in Human Diabetes. <i>International Journal of Pharmacology</i> , <b>2012</b> , 8, 139-140	0.7	26
17	Assessment of benzene induced oxidative impairment in rat isolated pancreatic islets and effect on insulin secretion. <i>Environmental Toxicology and Pharmacology</i> , <b>2015</b> , 39, 1161-9	5.8	23
16	Environmental and population studies concerning exposure to pesticides in iran: a comprehensive review. <i>Iranian Red Crescent Medical Journal</i> , <b>2013</b> , 15, e13896	1.3	23
15	Protective effect of NAC against malathion-induced oxidative stress in freshly isolated rat hepatocytes. <i>Advanced Pharmaceutical Bulletin</i> , <b>2012</b> , 2, 79-88	4.5	23
14	The molecular mechanisms of liver and islets of Langerhans toxicity by benzene and its metabolite hydroquinone in vivo and in vitro. <i>Toxicology Mechanisms and Methods</i> , <b>2015</b> , 25, 628-36	3.6	19

13	On the biochemical and molecular mechanisms by which malathion induces dysfunction in pancreatic islets in vivo and in vitro. <i>Pesticide Biochemistry and Physiology</i> , <b>2013</b> , 106, 51-60	4.9	19
12	Protective effects of methylsulfonylmethane on hemodynamics and oxidative stress in monocrotaline-induced pulmonary hypertensive rats. <i>Advances in Pharmacological Sciences</i> , <b>2012</b> , 2012, 507278	4.9	19
11	Current Concerns on Genotoxicity of Pesticides. <i>International Journal of Pharmacology</i> , <b>2012</b> , 8, 473-474	0.7	17
10	Environmental pollution by mercury and related health concerns: renote of a silent threat. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , <b>2013</b> , 64, 179-81	1.7	16
9	N-acetylcysteine a Novel Treatment for Acute Human Organophosphate Poisoning. <i>International Journal of Pharmacology</i> , <b>2011</b> , 7, 732-735	0.7	14
8	Protective Effect of Selenium-Based Medicines on Toxicity of Three Common Organophosphorus Compounds in Human Erythrocytes In Vitro. <i>Cell Journal</i> , <b>2016</b> , 17, 740-747	2.4	13
7	Persistent Organic Pollutants and Concern Over the Link with Insulin Resistance Related Metabolic Diseases. <i>Reviews of Environmental Contamination and Toxicology</i> , <b>2016</b> , 238, 69-89	3.5	9
6	Mechanistic assessment of cadmium toxicity in association with the functions of estrogen receptors in the Langerhans islets. <i>Iranian Journal of Basic Medical Sciences</i> , <b>2019</b> , 22, 445-451	1.8	4
5	Estrogens counteract tributyltin-induced toxicity in the rat islets of Langerhans. <i>Heliyon</i> , <b>2020</b> , 6, e03562	3.6	1
4	Inhibitory Effects of Methylsulfonylmethane on Ventricular Hypertrophy Related Gene Expression. <i>International Journal of Pharmacology</i> , <b>2012</b> , 8, 647-651	0.7	1
3	Neurotoxicity of pesticides in the context of CNS chronic diseases. <i>International Journal of Environmental Health Research</i> , <b>2021</b> , 1-38	3.6	0
2	Protective Effect of Capparis spinosa Hydroalcoholic Extract on the Integrity of Rat Pancreatic Islets. <i>Journal of Advances in Medical and Biomedical Research</i> , <b>2020</b> , 28, 204-211	0.4	
1	Serum asymmetric dimethylarginine (ADMA) level and cognitive dysfunction in diabetic patients. <i>International Journal of Diabetes in Developing Countries</i> , <b>2011</b> , 1	0.8	