Giovanni Pagano

List of Publications by Year
in descending order

69 papers	3,131 citations	147801 31 h-index	155660 55 g-index
71 all docs	71 docs citations	71 times ranked	3415 citing authors

#	Article	IF	Citations
1	Evaluation of Rare Earth Element-Associated Hormetic Effects in Candidate Fertilizers and Livestock Feed Additives. Biological Trace Element Research, 2023, 201, 2573-2581.	3.5	8
2	Cytogenetic and developmental toxicity of bisphenol A and bisphenol S in Arbacia lixula sea urchin embryos. Ecotoxicology, 2022, 31, 1087-1095.	2.4	3
3	Review of Rare Earth Elements as Fertilizers and Feed Additives: A Knowledge Gap Analysis. Archives of Environmental Contamination and Toxicology, 2021, 81, 531-540.	4.1	76
4	Friedreich Ataxia: current state-of-the-art, and future prospects for mitochondrial-focused therapies. Translational Research, 2021, 229, 135-141.	5.0	11
5	Identification of metabolic changes leading to cancer susceptibility in Fanconi anemia cells. Cancer Letters, 2021, 503, 185-196.	7.2	4
6	Potential roles of mitochondrial cofactors in the adjuvant mitigation of proinflammatory acute infections, as in the case of sepsis and COVID-19 pneumonia. Inflammation Research, 2021, 70, 159-170.	4.0	17
7	Re-definition and supporting evidence toward Fanconi Anemia as a mitochondrial disease: Prospects for new design in clinical management. Redox Biology, 2021, 40, 101860.	9.0	5
8	Cerium, gadolinium, lanthanum, and neodymium effects in simplified acid mine discharges to Raphidocelis subcapitata, Lepidium sativum, and Vicia faba. Science of the Total Environment, 2021, 787, 147527.	8.0	8
9	Mitigating the pro-oxidant state and melanogenesis of Retinitis pigmentosa: by counteracting mitochondrial dysfunction. Cellular and Molecular Life Sciences, 2021, 78, 7491-7503.	5.4	7
10	Aging-Related Disorders and Mitochondrial Dysfunction: A Critical Review for Prospect Mitoprotective Strategies Based on Mitochondrial Nutrient Mixtures. International Journal of Molecular Sciences, 2020, 21, 7060.	4.1	19
11	Mitoprotective Clinical Strategies in Type 2 Diabetes and Fanconi Anemia Patients: Suggestions for Clinical Management of Mitochondrial Dysfunction. Antioxidants, 2020, 9, 82.	5.1	6
12	Mild toxicity of polystyrene and polymethylmethacrylate microplastics in Paracentrotus lividus early life stages. Marine Environmental Research, 2020, 161, 105132.	2.5	21
13	Microplastic-induced damage in early embryonal development of sea urchin Sphaerechinus granularis. Environmental Research, 2019, 179, 108815.	7.5	63
14	Topsoil and urban dust pollution and toxicity in Taranto (southern Italy) industrial area and in a residential district. Environmental Monitoring and Assessment, 2019, 191, 43.	2.7	11
15	Human exposures to rare earth elements: Present knowledge and research prospects. Environmental Research, 2019, 171, 493-500.	7.5	107
16	Soil pollution and toxicity in an area affected by emissions from a bauxite processing plant and a power plant in Gardanne (southern France). Ecotoxicology and Environmental Safety, 2019, 170, 55-61.	6.0	14
17	Heavy Rare Earth Elements Affect Sphaerechinus granularis Sea Urchin Early Life Stages by Multiple Toxicity Endpoints. Bulletin of Environmental Contamination and Toxicology, 2018, 100, 641-646.	2.7	19
18	Heavy rare earth elements affect early life stages in Paracentrotus lividus and Arbacia lixula sea urchins. Environmental Research, 2017, 154, 240-246.	7.5	25

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19	Comparative toxicity of seven rare earth elements in sea urchin early life stages. Environmental Science and Pollution Research, 2017, 24, 20803-20810.	5.3	50
20	Sea Urchin Bioassays in Toxicity Testing: II. Sediment Evaluation. Expert Opinion on Environmental Biology, 2017, 06, .	0.2	12
21	Sea Urchin Bioassays in Toxicity Testing: I. Inorganics, Organics, Complex Mixtures and Natural Products. Expert Opinion on Environmental Biology, 2017, 06, .	0.2	33
22	Comparative toxicities of selected rare earth elements: Sea urchin embryogenesis and fertilization damage with redox and cytogenetic effects. Environmental Research, 2016, 147, 453-460.	7.5	70
23	Health effects and toxicity mechanisms of rare earth elementsâ€"Knowledge gaps and research prospects. Ecotoxicology and Environmental Safety, 2015, 115, 40-48.	6.0	412
24	Rare earth elements in human and animal health: State of art and research priorities. Environmental Research, 2015, 142, 215-220.	7.5	235
25	Fanconi anemia (FA) and crosslinker sensitivity: Reâ€appraising the origins of FA definition. Pediatric Blood and Cancer, 2015, 62, 1137-1143.	1.5	11
26	Oxidative Stress and Mitochondrial Dysfunction across Broad-Ranging Pathologies: Toward Mitochondria-Targeted Clinical Strategies. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-27.	4.0	108
27	Current Experience in Testing Mitochondrial Nutrients in Disorders Featuring Oxidative Stress and Mitochondrial Dysfunction: Rational Design of Chemoprevention Trials. International Journal of Molecular Sciences, 2014, 15, 20169-20208.	4.1	20
28	Toxicity evolution of alum-coagulated municipal wastewater to sea urchin embryogenesis and fertilization. Desalination and Water Treatment, 2014, 52, 3004-3011.	1.0	0
29	Damaged mitochondria in Fanconi anemia - an isolated event or a general phenomenon?. Oncoscience, 2014, 1, 287-295.	2.2	21
30	From clinical description, to in vitro and animal studies, and backward to patients: Oxidative stress and mitochondrial dysfunction in Fanconi anemia. Free Radical Biology and Medicine, 2013, 58, 118-125.	2.9	24
31	SjÃ¸gren's syndrome-associated oxidative stress and mitochondrial dysfunction: Prospects for chemoprevention trials. Free Radical Research, 2013, 47, 71-73.	3.3	51
32	Bone marrow cell transcripts from Fanconi anaemia patients reveal <i>in vivo</i> alterations in mitochondrial, redox and <scp>DNA</scp> repair pathways. European Journal of Haematology, 2013, 91, 141-151.	2.2	19
33	Oxidative stress in Fanconi anaemia: from cells and molecules towards prospects in clinical management. Biological Chemistry, 2012, 393, 11-21.	2.5	57
34	Oxidative Stress and Mitochondrial Dysfunction in Down Syndrome. Advances in Experimental Medicine and Biology, 2012, 724, 291-299.	1.6	100
35	Mitochondrial dysfunction in some oxidative stress-related genetic diseases: Ataxia-Telangiectasia, Down Syndrome, Fanconi Anaemia and Werner Syndrome. Biogerontology, 2010, 11, 401-419.	3.9	106
36	Cytogenetic and developmental toxicity of cerium and lanthanum to sea urchin embryos. Chemosphere, 2010, 81, 194-198.	8.2	94

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37	Comparative toxicities of aluminum and zinc from sacrificial anodes or from sulfate salt in sea urchin embryos and sperm. Ecotoxicology and Environmental Safety, 2010, 73, 1138-1143.	6.0	30
38	Different patterns of in vivo pro-oxidant states in a set of cancer- or aging-related genetic diseases. Free Radical Biology and Medicine, 2008, 44, 495-503.	2.9	24
39	Complex Mixture-Associated Hormesis and Toxicity: The Case of Leather Tanning Industry. Dose-Response, 2008, 6, dose-response.0.	1.6	4
40	Vegetable and synthetic tannins induce hormesis/toxicity in sea urchin early development and in algal growth. Environmental Pollution, 2007, 146, 46-54.	7.5	57
41	Multi-species toxicity evaluation of a chromium-based leather tannery wastewater. Desalination, 2007, 211, 48-57.	8.2	51
42	Glutathione levels in blood from ataxia telangiectasia patients suggest in vivo adaptive mechanisms to oxidative stress. Clinical Biochemistry, 2007, 40, 666-670.	1.9	15
43	Oxidative stress biomarkers in four Bloom syndrome (BS) patients and in their parents suggest in vivo redox abnormalities in BS phenotype. Clinical Biochemistry, 2007, 40, 1100-1103.	1.9	11
44	Multiple evidence for an early age pro-oxidant state in Down Syndrome patients. Biogerontology, 2006, 7, 211-220.	3.9	70
45	Oxidative Stress in Cancer-Prone Diseases. , 2006, , 761-788.		0
46	Fanconi Anaemia and Oxidative Stress. , 2006, , 82-91.		0
47	Oxidative stress as a multiple effector in Fanconi anaemia clinical phenotype. European Journal of Haematology, 2005, 75, 93-100.	2.2	65
48	Multiple Involvement of Oxidative Stress in Werner Syndrome Phenotype. Biogerontology, 2005, 6, 233-243.	3.9	39
49	In vivoprooxidant state in Werner syndrome (WS): Results from three WS patients and two WS heterozygotes. Free Radical Research, 2005, 39, 529-533.	3.3	44
50	Toxicity of leather tanning wastewater effluents in sea urchin early development and in marine microalgae. Chemosphere, 2005, 61, 208-217.	8.2	64
51	Gender- and age-related distinctions for the in vivo prooxidant state in Fanconi anaemia patients. Carcinogenesis, 2004, 25, 1899-1909.	2.8	44
52	Biotransformation and Mechanism of Action of Xenobiotics What Lessons from the Past 40 Years?. CRC Series in Modern Nutrition Science, 2004, , .	0.0	0
53	Fanconi anaemia proteins: Major roles in cell protection against oxidative damage. BioEssays, 2003, 25, 589-595.	2.5	66
54	Oxidative stress-related mechanisms are associated with xenobiotics exerting excess toxicity to Fanconi anemia cells.. Environmental Health Perspectives, 2003, 111, 1699-1703.	6.0	28

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55	Toxicity of Bauxite Manufacturing By-products in Sea Urchin Embryos. Ecotoxicology and Environmental Safety, 2002, 51, 28-34.	6.0	31
56	Bauxite manufacturing residues from Gardanne (France) and Portovesme (Italy) exert different patterns of pollution and toxicity to sea urchin embryos. Environmental Toxicology and Chemistry, 2002, 21, 1272-1278.	4.3	15
57	Bauxite manufacturing residues from Gardanne (France) and Portovesme (Italy) exert different patterns of pollution and toxicity to sea urchin embryos. Environmental Toxicology and Chemistry, 2002, 21, 1272-8.	4.3	2
58	The role of oxidative stress in developmental and reproductive toxicity of tamoxifen. Life Sciences, 2001, 68, 1735-1749.	4.3	50
59	Prospects for nutritional interventions in the clinical management of Fanconi anemia. Cancer Causes and Control, 2000, 11, 881-889.	1.8	15
60	Redox-dependent toxicity of diepoxybutane and mitomycin C in sea urchin embryogenesis. Carcinogenesis, 2000, 21, 213-220.	2.8	42
61	In Vitro Hypersensitivity to Oxygen of Fanconi Anemia (FA) Cells Is Linked to Ex Vivo Evidence for Oxidative Stress in FA Homozygotes and Heterozygotes. Blood, 1997, 89, 1111-1111.	1.4	19
62	Lâ€Methionine Induces Stageâ€Dependent Changes of Differentiation and Oxidative Activity in Sea Urchin Embryogenesis. Basic and Clinical Pharmacology and Toxicology, 1997, 81, 134-143.	0.0	11
63	Spermiotoxicity and embryotoxicity of heavy metals in the echinoid <i>Paracentrotus lividus</i>. Environmental Toxicology and Chemistry, 1996, 15, 1931-1936.	4.3	88
64	In vivo accumulation of 8-hydroxy-2'-deoxyguanosine in DNA correlates with release of reactive oxygen species in Fanconi's anaemia families. Carcinogenesis, 1995, 16, 735-742.	2.8	147
65	Effects on sea urchin fertilization and embryogenesis of water and sediment from two rivers in Campania, Italy. Archives of Environmental Contamination and Toxicology, 1993, 25, 20.	4.1	37
66	Sublethal pH decrease may cause genetic damage to eukaryotic cell: A study on sea urchins andSalmonella typhimurium. Teratogenesis, Carcinogenesis, and Mutagenesis, 1986, 6, 275-287.	0.8	27
67	pH-Induced changes in mitotic and developmental patterns in sea urchin embryogenesis. I. Exposure of embryos. Teratogenesis, Carcinogenesis, and Mutagenesis, 1985, 5, 101-112.	0.8	39
68	The effects of hexavalent and trivalent chromium on fertilization and development in sea urchins. Environmental Research, 1983, 30, 442-452.	7.5	66
69	Fertilization and larval development in sea urchins following exposure of gametes and embryos to cadmium. Archives of Environmental Contamination and Toxicology, 1982, 11, 47-55.	4.1	83