Edward J Calabrese

List of Publications by Year
in descending order

470	23,851	82	136
papers	citations	h-index	g-index
		5558	11288

480	480	480	16972
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hormesis: Transforming disciplines that rely on the dose response. IUBMB Life, 2022, 74, 8-23.	1.5	23
2	Disinfectant-induced hormesis: An unknown environmental threat of the application of disinfectants to prevent SARS-CoV-2 infection during the COVID-19 pandemic?. Environmental Pollution, 2022, 292, 118429.	3.7	20
3	Hormesis and bone marrow stem cells: Enhancing cell proliferation, differentiation and resilience to inflammatory stress. Chemico-Biological Interactions, 2022, 351, 109730.	1.7	18
4	Brain health promotion: Tactics within a strategic approach based upon valid, yet evolving scientific evidence. Mechanisms of Ageing and Development, 2022, 201, 111605.	2.2	0
5	Hormesis and neural stem cells. Free Radical Biology and Medicine, 2022, 178, 314-329.	1.3	13
6	Redox modulation by plant polyphenols targeting vitagenes for chemoprevention and therapy: Relevance to novel anti-cancer interventions and mini-brain organoid technology. Free Radical Biology and Medicine, 2022, 179, 59-75.	1.3	22
7	The relevance of hormesis at higher levels of biological organization: Hormesis in microorganisms. Current Opinion in Toxicology, 2022, 29, 1-9.	2.6	23
8	Human dental pulp stem cells and hormesis. Ageing Research Reviews, 2022, 73, 101540.	5.0	12
9	Hormesis and embryonic stem cells. Chemico-Biological Interactions, 2022, 352, 109783.	1.7	8
10	Potential prevention and treatment of neurodegenerative disorders by olive polyphenols and hidrox. Mechanisms of Ageing and Development, 2022, 203, 111637.	2.2	11
11	Xenohormesis underlyes the anti-aging and healthy properties of olive polyphenols. Mechanisms of Ageing and Development, 2022, 202, 111620.	2.2	10
12	Hormesis induced by silver iodide, hydrocarbons, microplastics, pesticides, and pharmaceuticals: Implications for agroforestry ecosystems health. Science of the Total Environment, 2022, 820, 153116.	3.9	33
13	Induced Pluripotent Stem Cells and Hormesis. Dose-Response, 2022, 20, 155932582210755.	0.7	5
14	Hormesis and Endothelial Progenitor Cells. Dose-Response, 2022, 20, 155932582110686.	0.7	8
15	Treatment of Early-Stage Alzheimerâ€™s Disease With CT Scans of the Brain: A Case Report. Dose-Response, 2022, 20, 155932582210783.	0.7	5
16	Editorial Overview: Hormesis and Dose-Response. Current Opinion in Toxicology, 2022, , .	2.6	4
17	Hormesis: A General Biological Principle. Chemical Research in Toxicology, 2022, 35, 547-549.	1.7	24
18	Environmental hormesis: A tribute to Anthony Stebbing. Science of the Total Environment, 2022, 832, 154996.	3.9	3

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19	Enhancing health span: muscle stem cells and hormesis. Biogerontology, 2022, 23, 151-167.	2.0	13
20	Hormesis and dental apical papilla stem cells. Chemico-Biological Interactions, 2022, 357, 109887.	1.7	12
21	Ethical challenges of the linear non-threshold (LNT) cancer risk assessment revolution: History, insights, and lessons to be learned. Science of the Total Environment, 2022, , 155054.	3.9	4
22	Key historical study findings questioned in debate over threshold versus linear non-threshold for cancer risk assessment. Chemico-Biological Interactions, 2022, 359, 109917.	1.7	7
23	Stem cells and hormesis. Current Opinion in Toxicology, 2022, 30, 100340.	2.6	3
24	Resolving an Open Science-policy question: Should the LNT still be an omnibus regulatory assumption?. Science of the Total Environment, 2022, 825, 153917.	3.9	3
25	Cover up and cancer risk assessment: Prominent US scientists suppressed evidence to promote adoption of LNT. Environmental Research, 2022, 210, 112973.	3.7	13
26	Hormesis is an evolutionary expectation: implications for aging. Biogerontology, 2022, 23, 381-384.	2.0	4
27	Redox modulation of stress resilience by Crocus sativus L. for potential neuroprotective and anti-neuroinflammatory applications in brain disorders: From molecular basis to therapy. Mechanisms of Ageing and Development, 2022, 205, 111686.	2.2	10
28	LNTgate: How LNT benefited from editorial actions. Chemico-Biological Interactions, 2022, 362, 109979.	1.7	2
29	NO, CO and H2S: A trinacrium of bioactive gases in the brain. Biochemical Pharmacology, 2022, 202, 115122.	2.0	17
30	Dose response and risk assessment: Evolutionary foundations. Environmental Pollution, 2022, 309, 119787.	3.7	9
31	Ethical Issues in the US 1956 National Academy of Sciences BEAR I Genetics Panel Report to the Public. Health Physics, 2022, 123, 387-391.	0.3	4
32	The phytoprotective agent sulforaphane prevents inflammatory degenerative diseases and age-related pathologies via Nrf2-mediated hormesis. Pharmacological Research, 2021, 163, 105283.	3.1	54
33	Chloroquine commonly induces hormetic dose responses. Science of the Total Environment, 2021, 755, 142436.	3.9	9
34	Ethical failings: The problematic history of cancer risk assessment. Environmental Research, 2021, 193, 110582.	3.7	21
35	Putative hormetic mechanisms and effects of atypical antipsychotic agents: Implications for study design and clinical psychopharmacotherapeutics. Chemico-Biological Interactions, 2021, 333, 109327.	1.7	0
36	Smoke-water commonly induces hormetic dose responses in plants. Science of the Total Environment, 2021, 765, 142776.	3.9	11

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37	Pollen biology and hormesis: Pollen germination and pollen tube elongation. Science of the Total Environment, 2021, 762, 143072.	3.9	13
38	Bruce Nathan Ames - Paradigm shifts inside the cancer research revolution. Mutation Research - Reviews in Mutation Research, 2021, 787, 108363.	2.4	7
39	The hormetic dose response: implications for risk assessment. , 2021, , 139-146.		0
40	Hormesis Mediates Acquired Resilience: Using Plant-Derived Chemicals to Enhance Health. Annual Review of Food Science and Technology, 2021, 12, 355-381.	5.1	27
41	Accumulator plants and hormesis. Environmental Pollution, 2021, 274, 116526.	3.7	39
42	Fungicide-Induced Hormesis in Phytopathogenic Fungi: A Critical Determinant of Successful Agriculture and Environmental Sustainability. Journal of Agricultural and Food Chemistry, 2021, 69, 4561-4563.	2.4	14
43	Thresholds for carcinogens. Chemico-Biological Interactions, 2021, 341, 109464.	1.7	15
44	Demonstrated hormetic mechanisms putatively subserve riluzole-induced effects in neuroprotection against amyotrophic lateral sclerosis (ALS): Implications for research and clinical practice. Ageing Research Reviews, 2021, 67, 101273.	5.0	17
45	The hormetic dose-response mechanism: Nrf2 activation. Pharmacological Research, 2021, 167, 105526.	3.1	111
46	LNT and cancer risk assessment: Its flawed foundations part 1: Radiation and leukemia: Where LNT began. Environmental Research, 2021, 197, 111025.	3.7	16
47	LNT and cancer risk assessment: Its flawed foundations part 2: How unsound LNT science became accepted. Environmental Research, 2021, 197, 111041.	3.7	9
48	Low-dose radiation therapy for osteoarthritis and enthesopathies: a review of current data. International Journal of Radiation Biology, 2021, 97, 1352-1367.	1.0	9
49	Nrf2 activation putatively mediates clinical benefits of low-dose radiotherapy in COVID-19 pneumonia and acute respiratory distress syndrome (ARDS): Novel mechanistic considerations. Radiotherapy and Oncology, 2021, 160, 125-131.	0.3	30
50	Low-dose radiation therapy (LDRT) for COVID-19 and its deadlier variants. Archives of Toxicology, 2021, 95, 3425-3432.	1.9	9
51	Formaldehyde: Another hormesis-inducing chemical. Environmental Research, 2021, 199, 111395.	3.7	15
52	Ultra low doses and biological amplification: Approaching Avogadroâ€™s number. Pharmacological Research, 2021, 170, 105738.	3.1	7
53	Ecological risks in a â€˜plasticâ€™ world: A threat to biological diversity?. Journal of Hazardous Materials, 2021, 417, 126035.	6.5	68
54	Ferulic acid and hormesis: Biomedical and environmental implications. Mechanisms of Ageing and Development, 2021, 198, 111544.	2.2	28

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55	US EPA: Is there room to open a new window for evaluating potential sub-threshold effects and ecological risks?. Environmental Pollution, 2021, 284, 117372.	3.7	11
56	Exogenous application of melatonin to plants, algae, and harvested products to sustain agricultural productivity and enhance nutritional and nutraceutical value: A meta-analysis. Environmental Research, 2021, 200, 111746.	3.7	29
57	A gift from parent to offspring: transgenerational hormesis. Trends in Plant Science, 2021, 26, 1098-1100.	4.3	28
58	Micro/nanoplastics effects on organisms: A review focusing on â€˜doseâ€™. Journal of Hazardous Materials, 2021, 417, 126084.	6.5	96
59	Luteolin and hormesis. Mechanisms of Ageing and Development, 2021, 199, 111559.	2.2	23
60	Redox modulation of vitagenes via plant polyphenols and vitamin D: Novel insights for chemoprevention and therapeutic interventions based on organoid technology. Mechanisms of Ageing and Development, 2021, 199, 111551.	2.2	18
61	Reflections on chemical risk assessment or how (not) to serve society with science. Science of the Total Environment, 2021, 792, 148511.	3.9	6
62	Hormesis and adult adipose-derived stem cells. Pharmacological Research, 2021, 172, 105803.	3.1	15
63	Tradeoffs of chemicals regulation - The science and tacit knowledge of decisions. Science of the Total Environment, 2021, 794, 148566.	3.9	2
64	Metformin-enhances resilience via hormesis. Ageing Research Reviews, 2021, 71, 101418.	5.0	15
65	Human periodontal ligament stem cells and hormesis: Enhancing cell renewal and cell differentiation. Pharmacological Research, 2021, 173, 105914.	3.1	19
66	Hormetic dose responses induced by antibiotics in bacteria: A phantom menace to be thoroughly evaluated to address the environmental risk and tackle the antibiotic resistance phenomenon. Science of the Total Environment, 2021, 798, 149255.	3.9	49
67	Food for Brain Health. Healthy Ageing and Longevity, 2021, , 239-274.	0.2	0
68	Estimating the no-observed-adverse-effect-level (NOAEL) of hormetic dose-response relationships in meta-data evaluations. MethodsX, 2021, 8, 101568.	0.7	11
69	What Would Become of Nuclear Risk if Governments Changed Their Regulations to Recognize the Evidence of Radiationâ€™s Beneficial Health Effects for Exposures That Are Below the Thresholds for Detrimental Effects?. Dose-Response, 2021, 19, 155932582110593.	0.7	8
70	Stimulating hair growth via hormesis: Experimental foundations and clinical implications. Pharmacological Research, 2020, 152, 104599.	3.1	7
71	A global environmental health perspective and optimisation of stress. Science of the Total Environment, 2020, 704, 135263.	3.9	97
72	Nano-pesticides: A great challenge for biodiversity? The need for a broader perspective. Nano Today, 2020, 30, 100808.	6.2	53

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73	Immunomodulation Through Low-Dose Radiation for Severe COVID-19: Lessons From the Past and New Developments. Dose-Response, 2020, 18, 155932582095680.	0.7	8
74	Feasibility of Treatment Planning System in Localizing the COVID-19 Pneumonia Lesions and Evaluation of Volume Indices of Lung Involvement. Dose-Response, 2020, 18, 155932582096260.	0.7	12
75	Does Green Tea Induce Hormesis?. Dose-Response, 2020, 18, 155932582093617.	0.7	34
76	The Muller-Neel dispute and the fate of cancer risk assessment. Environmental Research, 2020, 190, 109961.	3.7	19
77	Hydrogen Sulfide and Carnosine: Modulation of Oxidative Stress and Inflammation in Kidney and Brain Axis. Antioxidants, 2020, 9, 1303.	2.2	37
78	SARS-CoV-2 and mitochondrial health: implications of lifestyle and ageing. Immunity and Ageing, 2020, 17, 33.	1.8	46
79	Low dose radiation therapy as a potential life saving treatment for COVID-19-induced acute respiratory distress syndrome (ARDS). Radiotherapy and Oncology, 2020, 147, 212-216.	0.3	80
80	Environmental toxicology and ecotoxicology: How clean is clean? Rethinking dose-response analysis. Science of the Total Environment, 2020, 746, 138769.	3.9	30
81	Hormesis: Highly Generalizable and Beyond Laboratory. Trends in Plant Science, 2020, 25, 1076-1086.	4.3	128
82	Healthspan Enhancement by Olive Polyphenols in C. elegans Wild Type and Parkinsonâ€™s Models. International Journal of Molecular Sciences, 2020, 21, 3893.	1.8	78
83	Hormesis and Ginseng: Ginseng Mixtures and Individual Constituents Commonly Display Hormesis Dose Responses, Especially for Neuroprotective Effects. Molecules, 2020, 25, 2719.	1.7	21
84	Similarities between the Yin/Yang Doctrine and Hormesis in Toxicology and Pharmacology. Trends in Pharmacological Sciences, 2020, 41, 544-556.	4.0	15
85	A trigger mechanism of herbicides to phytoplankton blooms: From the standpoint of hormesis involving cytochrome b559, reactive oxygen species and nitric oxide. Water Research, 2020, 173, 115584.	5.3	32
86	Healthy Effects of Plant Polyphenols: Molecular Mechanisms. International Journal of Molecular Sciences, 2020, 21, 1250.	1.8	265
87	Hormesis and Ginkgo biloba (GB): Numerous biological effects of GB are mediated via hormesis. Ageing Research Reviews, 2020, 64, 101019.	5.0	49
88	Theodosius Dobzhansky's view on biology and evolution v.2.0: â€œNothing in biology makes sense except in light of evolution and evolution's dependence on hormesis-mediated acquired resilience that optimizes biological performance and numerous diverse short and longer term protective strategiesâ€. Environmental Research, 2020, 186, 109559.	3.7	26
89	An Environmental Perspective on Health. Healthy Ageing and Longevity, 2020, , 371-382.	0.2	1
90	Hormesis, Resilience and Mental Health: Enhancing Public Health and Therapeutic Options. Healthy Ageing and Longevity, 2020, , 497-520.	0.2	3

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91	Hormesis: A potential strategic approach to the treatment of neurodegenerative disease. International Review of Neurobiology, 2020, 155, 271-301.	0.9	30
92	Hydrocarbon-induced hormesis: 101 years of evidence at the margin?. Environmental Pollution, 2020, 265, 114846.	3.7	25
93	Shaking off the Linear Regulatory Constraints on Human Health. Healthy Ageing and Longevity, 2020, , 417-436.	0.2	0
94	Cytotoxicity models of Huntingtonâ€™s disease and relevance of hormetic mechanisms: A critical assessment of experimental approaches and strategies. Pharmacological Research, 2019, 150, 104371.	3.1	10
95	A FAILED CANCER PARADIGM: implications for cancer risk assessment and patients. Journal of Cell Communication and Signaling, 2019, 13, 271-272.	1.8	1
96	The two faces of nanomaterials: A quantification of hormesis in algae and plants. Environment International, 2019, 131, 105044.	4.8	104
97	Why toxicologists resisted and radiation geneticists supported EPAâ€™S adoption of LNT for cancer risk assessment. Chemico-Biological Interactions, 2019, 310, 108736.	1.7	3
98	Hormesis: The dose response for the 21st century: The future has arrived. Toxicology, 2019, 425, 152249.	2.0	103
99	Re-analysis of herbal extracts data reveals that inflammatory processes are mediated by hormetic mechanisms. Chemico-Biological Interactions, 2019, 314, 108844.	1.7	11
100	Curcumin, Hormesis and the Nervous System. Nutrients, 2019, 11, 2417.	1.7	89
101	Systemic Herbicide 2,4-Dichlorophenoxyacetic Acid Is Another Hormetin: What Does It Mean for Agriculture and the Environment?. Journal of Agricultural and Food Chemistry, 2019, 67, 9695-9696.	2.4	16
102	Necrotizing Fasciitis: Low-Dose Radiotherapy as a Potential Adjunct Treatment. Dose-Response, 2019, 17, 155932581987175.	0.7	20
103	EPA adopts LNT: New historical perspectives. Chemico-Biological Interactions, 2019, 308, 110-112.	1.7	13
104	A quantitative assessment of hormetic responses of plants to ozone. Environmental Research, 2019, 176, 108527.	3.7	35
105	Muller's Nobel Prize data: Getting the dose wrong and its significance. Environmental Research, 2019, 176, 108528.	3.7	10
106	Temperature-induced hormesis in plants. Journal of Forestry Research, 2019, 30, 13-20.	1.7	42
107	History of the Dose Response. , 2019, , 491-493.		0
108	Radiotherapy treatment of human inflammatory diseases and conditions: Optimal dose. Human and Experimental Toxicology, 2019, 38, 888-898.	1.1	74

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109	Adverse and hormetic effects in rats exposed for 12 months to low dose mixture of 13 chemicals: RLRS part III. Toxicology Letters, 2019, 310, 70-91.	0.4	71
110	Funding trends in hormetic research. Human and Experimental Toxicology, 2019, 38, 746-750.	1.1	2
111	Curcumin and hormesis with particular emphasis on neural cells. Food and Chemical Toxicology, 2019, 129, 399-404.	1.8	41
112	Two decades (1998â€"2018) of research Progress on Hormesis: advancing biological understanding and enabling novel applications. Journal of Cell Communication and Signaling, 2019, 13, 273-275.	1.8	14
113	Hormesis can enhance agricultural sustainability in a changing world. Global Food Security, 2019, 20, 150-155.	4.0	47
114	Hormesis: A Compelling Platform for Sophisticated Plant Science. Trends in Plant Science, 2019, 24, 318-327.	4.3	145
115	The linear No-Threshold (LNT) dose response model: A comprehensive assessment of its historical and scientific foundations. Chemico-Biological Interactions, 2019, 301, 6-25.	1.7	88
116	Predicting the effect of ozone on vegetation via linear non-threshold (LNT), threshold and hormetic dose-response models. Science of the Total Environment, 2019, 649, 61-74.	3.9	97
117	Does the root to shoot ratio show a hormetic response to stress? An ecological and environmental perspective. Journal of Forestry Research, 2019, 30, 1569-1580.	1.7	82
118	New insights into the role of melatonin in plants and animals. Chemico-Biological Interactions, 2019, 299, 163-167.	1.7	40
119	Commentary: EPA's proposed expansion of dose-response analysis is a positive step towards improving its ecological risk assessment. Environmental Pollution, 2019, 246, 566-570.	3.7	30
120	EPA transparency proposal: testimony of Edward J. Calabrese, Ph.D, October 3, 2018. Journal of Cell Communication and Signaling, 2019, 13, 145-147.	1.8	0
121	Building Biological Shields via Hormesis. Trends in Pharmacological Sciences, 2019, 40, 8-10.	4.0	27
122	Estimating the range of the maximum hormetic stimulatory response. Environmental Research, 2019, 170, 337-343.	3.7	102
123	The Doseâ€"Response Revolution: How Hormesis Became Significant. , 2019, , 3-24.		3
124	Hormetic dose responses induced by lanthanum in plants. Environmental Pollution, 2019, 244, 332-341.	3.7	81
125	How Hormesis Will Change the Risk Assessment Process. , 2019, , 541-545.		0
126	Restoring cerebral circulation and function postmortem: A multidimensional analysis. Brain Circulation, 2019, 5, 94.	0.7	0

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127	Dose-Response Revolution: How Hormesis Became Significant. , 2019, , 519-519.		3
128	Elemental mercury neurotoxicity and clinical recovery of function: A review of findings, and implications for occupational health. Environmental Research, 2018, 163, 134-148.	3.7	23
129	Emission of volatile organic compounds from plants shows a biphasic pattern within an hormetic context. Environmental Pollution, 2018, 239, 318-321.	3.7	24
130	Biphasic effects of THC in memory and cognition. European Journal of Clinical Investigation, 2018, 48, e12920.	1.7	85
131	Post-conditioning hormesis creates a â€œsubtraction to backgroundâ€•disease process: biological, aging, and environmental risk assessment implications. Journal of Cell Communication and Signaling, 2018, 12, 31-34.	1.8	5
132	Originator of the hormesis concept: Rudolf Virchow or Hugo Schulz. Human and Experimental Toxicology, 2018, 37, 889-890.	1.1	5
133	A swinging seesaw as a novel model mechanism for time-dependent hormesis under dose-dependent stimulatory and inhibitory effects: A case study on the toxicity of antibacterial chemicals to Aliivibrio fischeri. Chemosphere, 2018, 205, 15-23.	4.2	27
134	The rare earth element (REE) lanthanum (La) induces hormesis in plants. Environmental Pollution, 2018, 238, 1044-1047.	3.7	71
135	Aging and Parkinson's Disease: Inflammaging, neuroinflammation and biological remodeling as key factors in pathogenesis. Free Radical Biology and Medicine, 2018, 115, 80-91.	1.3	255
136	Hormesis as a mechanistic approach to understanding herbal treatments in traditional Chinese medicine. , 2018, 184, 42-50.		63
137	Mullerâ€™s nobel prize research and peer review. Philosophy, Ethics, and Humanities in Medicine, 2018, 13, 15.	0.7	6
138	Enhancing and Extending Biological Performance and Resilience. Dose-Response, 2018, 16, 155932581878450.	0.7	57
139	Hormesis: Path and Progression to Significance. International Journal of Molecular Sciences, 2018, 19, 2871.	1.8	147
140	Hormesis mediates dose-sensitive shifts in macrophage activation patterns. Pharmacological Research, 2018, 137, 236-249.	3.1	30
141	The EPA Cancer Risk Assessment Default Model Proposal: Moving Away From the LNT. Dose-Response, 2018, 16, 155932581878984.	0.7	8
142	From Muller to mechanism: How LNT became the default model for cancer risk assessment. Environmental Pollution, 2018, 241, 289-302.	3.7	49
143	Nanoparticle Exposure and Hormetic Doseâ€"Responses: An Update. International Journal of Molecular Sciences, 2018, 19, 805.	1.8	100
144	Biphasic effect of abscisic acid on plants: an hormetic viewpoint. Botany, 2018, 96, 637-642.	0.5	15

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145	Was Mullerâ€™s 1946 Nobel Prize research for radiation-induced gene mutations peer-reviewed?. Philosophy, Ethics, and Humanities in Medicine, 2018, 13, 6.	0.7	15
146	Neuroinflammation and neurohormesis in the pathogenesis of Alzheimerâ€™s disease and Alzheimer-linked pathologies: modulation by nutritional mushrooms. Immunity and Ageing, 2018, 15, 8.	1.8	123
147	Environmental hormesis and its fundamental biological basis: Rewriting the history of toxicology. Environmental Research, 2018, 165, 274-278.	3.7	73
148	Hormetic approaches to the treatment of Parkinson's disease: Perspectives and possibilities. Journal of Neuroscience Research, 2018, 96, 1641-1662.	1.3	75
149	Improved Approaches to Doseâ€"Response Modeling of Toxicological and Adaptive Endpoints for Risk Assessment: Hormetic Dose Response. , 2018, , 59-85.		0
150	Human and veterinary antibiotics induce hormesis in plants: Scientific and regulatory issues and an environmental perspective. Environment International, 2018, 120, 489-495.	4.8	78
151	The additive to background assumption in cancer risk assessment: A reappraisal. Environmental Research, 2018, 166, 175-204.	3.7	18
152	The threshold vs LNT showdown: Dose rate findings exposed flaws in the LNT model part 1. The Russell-Muller debate. Environmental Research, 2017, 154, 435-451.	3.7	50
153	Obituary notice: LNT dead at 89 years, a life in the spotlight. Environmental Research, 2017, 155, 276-278.	3.7	12
154	Mechanisms and Effects of Transcranial Direct Current Stimulation. Dose-Response, 2017, 15, 155932581668546.	0.7	147
155	Hormesis, cellular stress response and neuroinflammation in schizophrenia: Early onset versus late onset state. Journal of Neuroscience Research, 2017, 95, 1182-1193.	1.3	38
156	Cancer immunotherapy: how low-level ionizing radiation can play a key role. Cancer Immunology, Immunotherapy, 2017, 66, 819-832.	2.0	49
157	Hormesis commonly observed in the assessment of aneuploidy in yeast. Environmental Pollution, 2017, 225, 713-728.	3.7	27
158	The threshold vs LNT showdown: Dose rate findings exposed flaws in the LNT model partÂ2. How a mistake led BEIR I to adopt LNT. Environmental Research, 2017, 154, 452-458.	3.7	54
159	How does hormesis impact biology, toxicology, and medicine?. Npj Aging and Mechanisms of Disease, 2017, 3, 13.	4.5	333
160	Perspectives on Hormesis and Implications for Pesticides. ACS Symposium Series, 2017, , 83-100.	0.5	0
161	Flaws in the LNT single-hit model for cancer risk: An historical assessment. Environmental Research, 2017, 158, 773-788.	3.7	48
162	Hormesis and homeopathy: a step forward. Homeopathy, 2017, 106, 131-132.	0.5	9

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163	Inflammasomes, hormesis, and antioxidants in neuroinflammation: Role of NRLP3 in Alzheimer disease. Journal of Neuroscience Research, 2017, 95, 1360-1372.	1.3	120
164	The Mistaken Birth and Adoption of LNT: An Abridged Version. Dose-Response, 2017, 15, 155932581773547.	0.7	12
165	LNTgate. Toxicology Research and Application, 2017, 1, 239784731769499.	0.7	4
166	Radiotherapy for Pertussis: An Historical Assessment. Dose-Response, 2017, 15, 155932581770476.	0.7	21
167	A glance into how the cold war and governmental loyalty investigations came to affect a leading U.S. radiation geneticist: Lewis J. Stadlerâ€™s nightmare. Philosophy, Ethics, and Humanities in Medicine, 2017, 12, 8.	0.7	2
168	The role of hormesis in the functional performance and protection of neural systems. Brain Circulation, 2017, 3, 1.	0.7	34
169	The Emergence of the Doseâ€“Response Concept in Biology and Medicine. International Journal of Molecular Sciences, 2016, 17, 2034.	1.8	55
170	The Integration of LNT and Hormesis for Cancer Risk Assessment Optimizes Public Health Protection. Health Physics, 2016, 110, 256-259.	0.3	14
171	Preconditioning is hormesis part II: How the conditioning dose mediates protection: Dose optimization within temporal and mechanistic frameworks. Pharmacological Research, 2016, 110, 265-275.	3.1	174
172	HORMESIS: A Fundamental Concept with Widespread Biological and Biomedical Applications. Gerontology, 2016, 62, 530-535.	1.4	60
173	Pre- and post-conditioning hormesis in elderly mice, rats, and humans: its loss and restoration. Biogerontology, 2016, 17, 681-702.	2.0	39
174	LNTgate: How scientific misconduct by the U.S. NAS led to governments adopting LNT for cancer risk assessment. Environmental Research, 2016, 148, 535-546.	3.7	33
175	Major pathogenic mechanisms in vascular dementia: Roles of cellular stress response and hormesis in neuroprotection. Journal of Neuroscience Research, 2016, 94, 1588-1603.	1.3	101
176	Hormesis, cellular stress response, and redox homeostasis in autism spectrum disorders. Journal of Neuroscience Research, 2016, 94, 1488-1498.	1.3	39
177	Preconditioning is hormesis part I: Documentation, dose-response features and mechanistic foundations. Pharmacological Research, 2016, 110, 242-264.	3.1	178
178	Adaptive preconditioning in neurological diseases â€“ therapeutic insights from proteostatic perturbations. Brain Research, 2016, 1648, 603-616.	1.1	41
179	Heat shock proteins and hormesis in the diagnosis and treatment of neurodegenerative diseases. Immunity and Ageing, 2015, 12, 20.	1.8	111
180	Model Uncertainty via the Integration of Hormesis and LNT as the Default in Cancer Risk Assessment. Dose-Response, 2015, 13, 155932581562176.	0.7	24

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181	The Use of X Rays in the Treatment of Bronchial Asthma: A Historical Assessment. Radiation Research, 2015, 184, 180-192.	0.7	27
182	Cancer risk assessment foundation unraveling: New historical evidence reveals that the US National Academy of Sciences (US NAS), Biological Effects of Atomic Radiation (BEAR) Committee Genetics Panel falsified the research record to promote acceptance of the LNT. Archives of Toxicology, 2015, 89, 649-650.	1.9	16
183	Historical foundations of hormesis. Homeopathy, 2015, 104, 83-89.	0.5	16
184	An abuse of risk assessment: how regulatory agencies improperly adopted LNT for cancer risk assessment. Archives of Toxicology, 2015, 89, 647-648.	1.9	26
185	Hormesis within a mechanistic context. Homeopathy, 2015, 104, 90-96.	0.5	43
186	Hormesis: principles and applications. Homeopathy, 2015, 104, 69-82.	0.5	99
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