

# Edward J Calabrese

## 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.

464  
papers

18,238  
citations

70  
h-index

119  
g-index

480  
ext. papers

20,787  
ext. citations

5.7  
avg, IF

8.02  
L-index

#	Paper	IF	Citations
464	POTENTIAL PREVENTION AND TREATMENT OF NEURODEGENERATIVE DISORDERS BY OLIVE POLYPHENOLS AND HYDROX.. <i>Mechanisms of Ageing and Development</i> , <b>2022</b> , 111637	5.6	3
463	XENOHORMESIS UNDERLYES THE ANTI-AGING AND HEALTHY PROPERTIES OF OLIVE POLYPHENOLS.. <i>Mechanisms of Ageing and Development</i> , <b>2022</b> , 111620	5.6	2
462	Hormesis induced by silver iodide, hydrocarbons, microplastics, pesticides, and pharmaceuticals: Implications for agroforestry ecosystems health.. <i>Science of the Total Environment</i> , <b>2022</b> , 820, 153116	10.2	4
461	The relevance of hormesis at higher levels of biological organization: Hormesis in microorganisms. <i>Current Opinion in Toxicology</i> , <b>2022</b> , 29, 1-9	4.4	6
460	Disinfectant-induced hormesis: An unknown environmental threat of the application of disinfectants to prevent SARS-CoV-2 infection during the COVID-19 pandemic?. <i>Environmental Pollution</i> , <b>2022</b> , 292, 118429	9.3	2
459	Induced Pluripotent Stem Cells and Hormesis.. <i>Dose-Response</i> , <b>2022</b> , 20, 15593258221075504	2.3	2
458	Hormesis and Endothelial Progenitor Cells.. <i>Dose-Response</i> , <b>2022</b> , 20, 15593258211068625	2.3	4
457	Treatment of Early-Stage Alzheimer's Disease With CT Scans of the Brain: A Case Report.. <i>Dose-Response</i> , <b>2022</b> , 20, 15593258221078392	2.3	0
456	Hormesis: A General Biological Principle.. <i>Chemical Research in Toxicology</i> , <b>2022</b> ,	4	2
455	Enhancing health span: muscle stem cells and hormesis.. <i>Biogerontology</i> , <b>2022</b> , 1	4.5	3
454	Hormesis and dental apical papilla stem cells.. <i>Chemico-Biological Interactions</i> , <b>2022</b> , 109887	5	5
453	Ethical challenges of the linear non-threshold (LNT) cancer risk assessment revolution: History, insights, and lessons to be learned.. <i>Science of the Total Environment</i> , <b>2022</b> , 155054	10.2	1
452	Key historical study findings questioned in debate over threshold versus linear non-threshold for cancer risk assessment.. <i>Chemico-Biological Interactions</i> , <b>2022</b> , 109917	5	2
451	Stem cells and hormesis. <i>Current Opinion in Toxicology</i> , <b>2022</b> , 30, 100340	4.4	1
450	Resolving an Open Science-policy question: Should the LNT still be an omnibus regulatory assumption?. <i>Science of the Total Environment</i> , <b>2022</b> , 153917	10.2	0
449	Cover up and cancer risk assessment: Prominent US scientists suppressed evidence to promote adoption of LNT.. <i>Environmental Research</i> , <b>2022</b> , 112973	7.9	1
448	Hormesis is an evolutionary expectation: implications for aging.. <i>Biogerontology</i> , <b>2022</b> , 1	4.5	0

447	Redox modulation of stress resilience by <i>Crocus Sativus</i> L. for potential neuroprotective and anti-neuroinflammatory applications in brain disorders: From molecular basis to therapy. <i>Mechanisms of Ageing and Development</i> , <b>2022</b> , 111686	5.6	0
446	LNTgate: How LNT benefited from editorial actions. <i>Chemico-Biological Interactions</i> , <b>2022</b> , 362, 109979	5	1
445	What Would Become of Nuclear Risk if Governments Changed Their Regulations to Recognize the Evidence of Radiation's Beneficial Health Effects for Exposures That Are Below the Thresholds for Detrimental Effects?. <i>Dose-Response</i> , <b>2021</b> , 19, 15593258211059317	2.3	4
444	HUMAN DENTAL PULP STEM CELLS AND HORMESIS. <i>Ageing Research Reviews</i> , <b>2021</b> , 101540	12	5
443	Hormesis and embryonic stem cells.. <i>Chemico-Biological Interactions</i> , <b>2021</b> , 352, 109783	5	5
442	Brain health promotion: Tactics within a strategic approach based upon valid, yet evolving scientific evidence. <i>Mechanisms of Ageing and Development</i> , <b>2021</b> , 201, 111605	5.6	
441	Hormesis and neural stem cells. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 178, 314-314	7.8	7
440	Estimating the no-observed-adverse-effect-level (NOAEL) of hormetic dose-response relationships in meta-data evaluations.. <i>MethodsX</i> , <b>2021</b> , 8, 101568	1.9	5
439	Redox modulation by plant polyphenols targeting vitagenes for chemoprevention and therapy: Relevance to novel anti-cancer interventions and mini-brain organoid technology.. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 179, 59-75	7.8	2
438	Food for Brain Health. <i>Healthy Ageing and Longevity</i> , <b>2021</b> , 239-274	0.5	
437	Hormesis and bone marrow stem cells: Enhancing cell proliferation, differentiation and resilience to inflammatory stress. <i>Chemico-Biological Interactions</i> , <b>2021</b> , 351, 109730	5	9
436	Hormesis Mediates Acquired Resilience: Using Plant-Derived Chemicals to Enhance Health. <i>Annual Review of Food Science and Technology</i> , <b>2021</b> , 12, 355-381	14.7	9
435	Accumulator plants and hormesis. <i>Environmental Pollution</i> , <b>2021</b> , 274, 116526	9.3	14
434	Fungicide-Induced Hormesis in Phytopathogenic Fungi: A Critical Determinant of Successful Agriculture and Environmental Sustainability. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 4561-4563	5.7	8
433	Thresholds for carcinogens. <i>Chemico-Biological Interactions</i> , <b>2021</b> , 341, 109464	5	5
432	Demonstrated hormetic mechanisms putatively subserve riluzole-induced effects in neuroprotection against amyotrophic lateral sclerosis (ALS): Implications for research and clinical practice. <i>Ageing Research Reviews</i> , <b>2021</b> , 67, 101273	12	11
431	The hormetic dose-response mechanism: Nrf2 activation. <i>Pharmacological Research</i> , <b>2021</b> , 167, 105526	10.2	51
430	LNT and cancer risk assessment: Its flawed foundations part 1: Radiation and leukemia: Where LNT began. <i>Environmental Research</i> , <b>2021</b> , 197, 111025	7.9	7

429	LNT and cancer risk assessment: Its flawed foundations part 2: How unsound LNT science became accepted. <i>Environmental Research</i> , <b>2021</b> , 197, 111041	7.9	6
428	Low-dose radiation therapy for osteoarthritis and enthesopathies: a review of current data. <i>International Journal of Radiation Biology</i> , <b>2021</b> , 97, 1352-1367	2.9	1
427	Hormesis: Transforming disciplines that rely on the dose response. <i>IUBMB Life</i> , <b>2021</b> ,	4.7	10
426	Nrf2 activation putatively mediates clinical benefits of low-dose radiotherapy in COVID-19 pneumonia and acute respiratory distress syndrome (ARDS): Novel mechanistic considerations. <i>Radiotherapy and Oncology</i> , <b>2021</b> , 160, 125-131	5.3	20
425	The phytoprotective agent sulforaphane prevents inflammatory degenerative diseases and age-related pathologies via Nrf2-mediated hormesis. <i>Pharmacological Research</i> , <b>2021</b> , 163, 105283	10.2	26
424	Chloroquine commonly induces hormetic dose responses. <i>Science of the Total Environment</i> , <b>2021</b> , 755, 142436	10.2	5
423	Ethical failings: The problematic history of cancer risk assessment. <i>Environmental Research</i> , <b>2021</b> , 193, 110582	7.9	13
422	Putative hormetic mechanisms and effects of atypical antipsychotic agents: Implications for study design and clinical psychopharmacotherapeutics. <i>Chemico-Biological Interactions</i> , <b>2021</b> , 333, 109327	5	
421	Smoke-water commonly induces hormetic dose responses in plants. <i>Science of the Total Environment</i> , <b>2021</b> , 765, 142776	10.2	6
420	Pollen biology and hormesis: Pollen germination and pollen tube elongation. <i>Science of the Total Environment</i> , <b>2021</b> , 762, 143072	10.2	5
419	Bruce Nathan Ames - Paradigm shifts inside the cancer research revolution. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2021</b> , 787, 108363	7	4
418	The hormetic dose response: implications for risk assessment <b>2021</b> , 139-146		
417	Low-dose radiation therapy (LDRT) for COVID-19 and its deadlier variants. <i>Archives of Toxicology</i> , <b>2021</b> , 95, 3425-3432	5.8	6
416	Formaldehyde: Another hormesis-inducing chemical. <i>Environmental Research</i> , <b>2021</b> , 199, 111395	7.9	5
415	Ultra low doses and biological amplification: Approaching Avogadro's number. <i>Pharmacological Research</i> , <b>2021</b> , 170, 105738	10.2	2
414	Ecological risks in a 'plastic' world: A threat to biological diversity?. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 417, 126035	12.8	21
413	Ferulic acid and hormesis: Biomedical and environmental implications. <i>Mechanisms of Ageing and Development</i> , <b>2021</b> , 198, 111544	5.6	9
412	US EPA: Is there room to open a new window for evaluating potential sub-threshold effects and ecological risks?. <i>Environmental Pollution</i> , <b>2021</b> , 284, 117372	9.3	4

411	Exogenous application of melatonin to plants, algae, and harvested products to sustain agricultural productivity and enhance nutritional and nutraceutical value: A meta-analysis. <i>Environmental Research</i> , <b>2021</b> , 200, 111746	7.9	5
410	A gift from parent to offspring: transgenerational hormesis. <i>Trends in Plant Science</i> , <b>2021</b> , 26, 1098-1100	13.1	8
409	Micro/nanoplastics effects on organisms: A review focusing on 'dose'. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 417, 126084	12.8	23
408	Luteolin and hormesis. <i>Mechanisms of Ageing and Development</i> , <b>2021</b> , 199, 111559	5.6	5
407	Redox modulation of vitagenes via plant polyphenols and vitamin D: Novel insights for chemoprevention and therapeutic interventions based on organoid technology. <i>Mechanisms of Ageing and Development</i> , <b>2021</b> , 199, 111551	5.6	5
406	Reflections on chemical risk assessment or how (not) to serve society with science. <i>Science of the Total Environment</i> , <b>2021</b> , 792, 148511	10.2	3
405	Hormesis and adult adipose-derived stem cells. <i>Pharmacological Research</i> , <b>2021</b> , 172, 105803	10.2	8
404	Tradeoffs of chemicals regulation - The science and tacit knowledge of decisions. <i>Science of the Total Environment</i> , <b>2021</b> , 794, 148566	10.2	1
403	Metformin-enhances resilience via hormesis. <i>Ageing Research Reviews</i> , <b>2021</b> , 71, 101418	12	3
402	Human periodontal ligament stem cells and hormesis: Enhancing cell renewal and cell differentiation. <i>Pharmacological Research</i> , <b>2021</b> , 173, 105914	10.2	8
401	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. <i>Science of the Total Environment</i> , <b>2021</b> , 798, 149255	10.2	12
400	SARS-CoV-2 and mitochondrial health: implications of lifestyle and ageing. <i>Immunity and Ageing</i> , <b>2020</b> , 17, 33	9.7	21
399	Low dose radiation therapy as a potential life saving treatment for COVID-19-induced acute respiratory distress syndrome (ARDS). <i>Radiotherapy and Oncology</i> , <b>2020</b> , 147, 212-216	5.3	54
398	Environmental toxicology and ecotoxicology: How clean is clean? Rethinking dose-response analysis. <i>Science of the Total Environment</i> , <b>2020</b> , 746, 138769	10.2	14
397	Hormesis: Highly Generalizable and Beyond Laboratory. <i>Trends in Plant Science</i> , <b>2020</b> , 25, 1076-1086	13.1	59
396	Healthspan Enhancement by Olive Polyphenols in Wild Type and Parkinson's Models. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	56
395	Hormesis and Ginseng: Ginseng Mixtures and Individual Constituents Commonly Display Hormesis Dose Responses, Especially for Neuroprotective Effects. <i>Molecules</i> , <b>2020</b> , 25,	4.8	14
394	Similarities between the Yin/Yang Doctrine and Hormesis in Toxicology and Pharmacology. <i>Trends in Pharmacological Sciences</i> , <b>2020</b> , 41, 544-556	13.2	8

393	A trigger mechanism of herbicides to phytoplankton blooms: From the standpoint of hormesis involving cytochrome b, reactive oxygen species and nitric oxide. <i>Water Research</i> , <b>2020</b> , 173, 115584	12.5	16
392	Healthy Effects of Plant Polyphenols: Molecular Mechanisms. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	167
391	Hormesis and Ginkgo biloba (GB): Numerous biological effects of GB are mediated via hormesis. <i>Ageing Research Reviews</i> , <b>2020</b> , 64, 101019	12	37
390	Theodosius Dobzhansky's view on biology and evolution v.2.0: "Nothing 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 strategies". <i>Environmental Research</i> , <b>2020</b> , 186, 109559	7.9	15
389	Shaking off the Linear Regulatory Constraints on Human Health. <i>Healthy Ageing and Longevity</i> , <b>2020</b> , 417-436	0.5	
388	An Environmental Perspective on Health. <i>Healthy Ageing and Longevity</i> , <b>2020</b> , 371-382	0.5	1
387	Hormesis, Resilience and Mental Health: Enhancing Public Health and Therapeutic Options. <i>Healthy Ageing and Longevity</i> , <b>2020</b> , 497-520	0.5	2
386	Hormesis: A potential strategic approach to the treatment of neurodegenerative disease. <i>International Review of Neurobiology</i> , <b>2020</b> , 155, 271-301	4.4	17
385	Hydrocarbon-induced hormesis: 101 years of evidence at the margin?. <i>Environmental Pollution</i> , <b>2020</b> , 265, 114846	9.3	17
384	Stimulating hair growth via hormesis: Experimental foundations and clinical implications. <i>Pharmacological Research</i> , <b>2020</b> , 152, 104599	10.2	3
383	A global environmental health perspective and optimisation of stress. <i>Science of the Total Environment</i> , <b>2020</b> , 704, 135263	10.2	67
382	Nano-pesticides: A great challenge for biodiversity? The need for a broader perspective. <i>Nano Today</i> , <b>2020</b> , 30, 100808	17.9	32
381	Immunomodulation Through Low-Dose Radiation for Severe COVID-19: Lessons From the Past and New Developments. <i>Dose-Response</i> , <b>2020</b> , 18, 1559325820956800	2.3	5
380	Feasibility of Treatment Planning System in Localizing the COVID-19 Pneumonia Lesions and Evaluation of Volume Indices of Lung Involvement. <i>Dose-Response</i> , <b>2020</b> , 18, 1559325820962600	2.3	8
379	Does Green Tea Induce Hormesis?. <i>Dose-Response</i> , <b>2020</b> , 18, 1559325820936170	2.3	20
378	The Muller-Neel dispute and the fate of cancer risk assessment. <i>Environmental Research</i> , <b>2020</b> , 190, 109961		12
377	Hydrogen Sulfide and Carnosine: Modulation of Oxidative Stress and Inflammation in Kidney and Brain Axis. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	15
376	Systemic Herbicide 2,4-Dichlorophenoxyacetic Acid Is Another Hormetin: What Does It Mean for Agriculture and the Environment?. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 9695-9696	5.7	11

375	Necrotizing Fasciitis: Low-Dose Radiotherapy as a Potential Adjunct Treatment. <i>Dose-Response</i> , <b>2019</b> , 17, 1559325819871757	2.3	16
374	EPA adopts LNT: New historical perspectives. <i>Chemico-Biological Interactions</i> , <b>2019</b> , 308, 110-112	5	9
373	A quantitative assessment of hormetic responses of plants to ozone. <i>Environmental Research</i> , <b>2019</b> , 176, 108527	7.9	23
372	Muller's Nobel Prize data: Getting the dose wrong and its significance. <i>Environmental Research</i> , <b>2019</b> , 176, 108528	7.9	5
371	Temperature-induced hormesis in plants. <i>Journal of Forestry Research</i> , <b>2019</b> , 30, 13-20	2	28
370	History of the Dose Response <b>2019</b> , 491-493		
369	Radiotherapy treatment of human inflammatory diseases and conditions: Optimal dose. <i>Human and Experimental Toxicology</i> , <b>2019</b> , 38, 888-898	3.4	58
368	Adverse and hormetic effects in rats exposed for 12 months to low dose mixture of 13 chemicals: RLRS part III. <i>Toxicology Letters</i> , <b>2019</b> , 310, 70-91	4.4	55
367	Funding trends in hormetic research. <i>Human and Experimental Toxicology</i> , <b>2019</b> , 38, 746-750	3.4	2
366	Curcumin and hormesis with particular emphasis on neural cells. <i>Food and Chemical Toxicology</i> , <b>2019</b> , 129, 399-404	4.7	28
365	Two decades (1998-2018) of research Progress on Hormesis: advancing biological understanding and enabling novel applications. <i>Journal of Cell Communication and Signaling</i> , <b>2019</b> , 13, 273-275	5.2	6
364	Hormesis can enhance agricultural sustainability in a changing world. <i>Global Food Security</i> , <b>2019</b> , 20, 1508-155	8.55	34
363	Hormesis: A Compelling Platform for Sophisticated Plant Science. <i>Trends in Plant Science</i> , <b>2019</b> , 24, 318-327	13.71	84
362	Cytotoxicity models of Huntington's disease and relevance of hormetic mechanisms: A critical assessment of experimental approaches and strategies. <i>Pharmacological Research</i> , <b>2019</b> , 150, 104371	10.2	8
361	A FAILED CANCER PARADIGM: implications for cancer risk assessment and patients. <i>Journal of Cell Communication and Signaling</i> , <b>2019</b> , 13, 271-272	5.2	1
360	The two faces of nanomaterials: A quantification of hormesis in algae and plants. <i>Environment International</i> , <b>2019</b> , 131, 105044	12.9	67
359	Why toxicologists resisted and radiation geneticists supported EPA'S adoption of LNT for cancer risk assessment. <i>Chemico-Biological Interactions</i> , <b>2019</b> , 310, 108736	5	2
358	Hormesis: The dose response for the 21st century: The future has arrived. <i>Toxicology</i> , <b>2019</b> , 425, 152249-44	4.4	56

357	Re-analysis of herbal extracts data reveals that inflammatory processes are mediated by hormetic mechanisms. <i>Chemico-Biological Interactions</i> , <b>2019</b> , 314, 108844	5	6
356	Curcumin, Hormesis and the Nervous System. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	55
355	How Hormesis Will Change the Risk Assessment Process <b>2019</b> , 541-545		
354	Restoring cerebral circulation and function postmortem: A multidimensional analysis. <i>Brain Circulation</i> , <b>2019</b> , 5, 94-96	2.7	
353	Dose-Response Revolution: How Hormesis Became Significant <b>2019</b> , 519-519		3
352	The linear No-Threshold (LNT) dose response model: A comprehensive assessment of its historical and scientific foundations. <i>Chemico-Biological Interactions</i> , <b>2019</b> , 301, 6-25	5	54
351	Predicting the effect of ozone on vegetation via linear non-threshold (LNT), threshold and hormetic dose-response models. <i>Science of the Total Environment</i> , <b>2019</b> , 649, 61-74	10.2	64
350	Does the root to shoot ratio show a hormetic response to stress? An ecological and environmental perspective. <i>Journal of Forestry Research</i> , <b>2019</b> , 30, 1569-1580	2	47
349	New insights into the role of melatonin in plants and animals. <i>Chemico-Biological Interactions</i> , <b>2019</b> , 299, 163-167	5	25
348	Commentary: EPA's proposed expansion of dose-response analysis is a positive step towards improving its ecological risk assessment. <i>Environmental Pollution</i> , <b>2019</b> , 246, 566-570	9.3	25
347	EPA transparency proposal: testimony of Edward J. Calabrese, Ph.D, October 3, 2018. <i>Journal of Cell Communication and Signaling</i> , <b>2019</b> , 13, 145-147	5.2	
346	Building Biological Shields via Hormesis. <i>Trends in Pharmacological Sciences</i> , <b>2019</b> , 40, 8-10	13.2	21
345	Estimating the range of the maximum hormetic stimulatory response. <i>Environmental Research</i> , <b>2019</b> , 170, 337-343	7.9	65
344	The DoseResponse Revolution: How Hormesis Became Significant <b>2019</b> , 3-24		2
343	Hormetic dose responses induced by lanthanum in plants. <i>Environmental Pollution</i> , <b>2019</b> , 244, 332-341	9.3	55
342	Elemental mercury neurotoxicity and clinical recovery of function: A review of findings, and implications for occupational health. <i>Environmental Research</i> , <b>2018</b> , 163, 134-148	7.9	16
341	Emission of volatile organic compounds from plants shows a biphasic pattern within an hormetic context. <i>Environmental Pollution</i> , <b>2018</b> , 239, 318-321	9.3	19
340	Biphasic effects of THC in memory and cognition. <i>European Journal of Clinical Investigation</i> , <b>2018</b> , 48, e12920	4.6	51



339	Post-conditioning hormesis creates a "subtraction to background" disease process: biological, aging, and environmental risk assessment implications. <i>Journal of Cell Communication and Signaling</i> , <b>2018</b> , 12, 31-34	5.2	5
338	Originator of the hormesis concept: Rudolf Virchow or Hugo Schulz. <i>Human and Experimental Toxicology</i> , <b>2018</b> , 37, 889-890	3.4	4
337	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 <i>Aliivibrio fischeri</i> . <i>Chemosphere</i> , <b>2018</b> , 205, 15-23	8.4	18
336	The rare earth element (REE) lanthanum (La) induces hormesis in plants. <i>Environmental Pollution</i> , <b>2018</b> , 238, 1044-1047	9.3	52
335	Nanoparticle Exposure and Hormetic Dose-Responses: An Update. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	75
334	Biphasic effect of abscisic acid on plants: an hormetic viewpoint. <i>Botany</i> , <b>2018</b> , 96, 637-642	1.3	12
333	Was Muller's 1946 Nobel Prize research for radiation-induced gene mutations peer-reviewed?. <i>Philosophy, Ethics, and Humanities in Medicine</i> , <b>2018</b> , 13, 6	2.2	11
332	Neuroinflammation and neurohormesis in the pathogenesis of Alzheimer's disease and Alzheimer-linked pathologies: modulation by nutritional mushrooms. <i>Immunity and Ageing</i> , <b>2018</b> , 15, 8	9.7	86
331	Environmental hormesis and its fundamental biological basis: Rewriting the history of toxicology. <i>Environmental Research</i> , <b>2018</b> , 165, 274-278	7.9	57
330	Hormetic approaches to the treatment of Parkinson's disease: Perspectives and possibilities. <i>Journal of Neuroscience Research</i> , <b>2018</b> , 96, 1641-1662	4.4	60
329	Improved Approaches to Dose-Response Modeling of Toxicological and Adaptive Endpoints for Risk Assessment: Hormetic Dose Response <b>2018</b> , 59-85		
328	Human and veterinary antibiotics induce hormesis in plants: Scientific and regulatory issues and an environmental perspective. <i>Environment International</i> , <b>2018</b> , 120, 489-495	12.9	49
327	The additive to background assumption in cancer risk assessment: A reappraisal. <i>Environmental Research</i> , <b>2018</b> , 166, 175-204	7.9	16
326	Aging and Parkinson's Disease: Inflammaging, neuroinflammation and biological remodeling as key factors in pathogenesis. <i>Free Radical Biology and Medicine</i> , <b>2018</b> , 115, 80-91	7.8	173
325	Hormesis as a mechanistic approach to understanding herbal treatments in traditional Chinese medicine. <i>Pharmacology &amp; Therapeutics</i> , <b>2018</b> , 184, 42-50	13.9	55
324	Muller's nobel prize research and peer review. <i>Philosophy, Ethics, and Humanities in Medicine</i> , <b>2018</b> , 13, 15	2.2	4
323	Enhancing and Extending Biological Performance and Resilience. <i>Dose-Response</i> , <b>2018</b> , 16, 155932581878450140		
322	Hormesis: Path and Progression to Significance. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	78

321	Hormesis mediates dose-sensitive shifts in macrophage activation patterns. <i>Pharmacological Research</i> , <b>2018</b> , 137, 236-249	10.2	24
320	The EPA Cancer Risk Assessment Default Model Proposal: Moving Away From the LNT. <i>Dose-Response</i> , <b>2018</b> , 16, 1559325818789840	2.3	5
319	From Muller to mechanism: How LNT became the default model for cancer risk assessment. <i>Environmental Pollution</i> , <b>2018</b> , 241, 289-302	9.3	33
318	The threshold vs LNT showdown: Dose rate findings exposed flaws in the LNT model part 1. The Russell-Muller debate. <i>Environmental Research</i> , <b>2017</b> , 154, 435-451	7.9	44
317	Obituary notice: LNT dead at 89 years, a life in the spotlight. <i>Environmental Research</i> , <b>2017</b> , 155, 276-278	7.9	9
316	Mechanisms and Effects of Transcranial Direct Current Stimulation. <i>Dose-Response</i> , <b>2017</b> , 15, 15593258166854670	16.6	70
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