

# Norman J Kleiman

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

2,247  
citations

346980

22  
h-index

340414

39  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1982  
citing authors

#	ARTICLE	IF	CITATIONS
1	No Evidence of Induced Skin Cancer or Other Skin Abnormalities after Long-Term (66-week) Chronic Exposure to 222 <sup>m</sup> Fr <sup>UVC</sup> Radiation. <i>Photochemistry and Photobiology</i> , 2023, 99, 168-175.	1.3	19
2	Identification of newly formed toxic chemicals in E-cigarette aerosols with Orbitrap mass spectrometry and implications on E-cigarette control. <i>European Journal of Mass Spectrometry</i> , 2021, 27, 141-148.	0.5	7
3	Exposure to e-cigarette aerosol over two months induces accumulation of neurotoxic metals and alteration of essential metals in mouse brain. <i>Environmental Research</i> , 2021, 202, 111557.	3.7	11
4	Effects of e-liquid flavor, nicotine content, and puff duration on metal emissions from electronic cigarettes. <i>Environmental Research</i> , 2021, 204, 112270.	3.7	15
5	Metal concentrations in electronic cigarette aerosol: Effect of open-system and closed-system devices and power settings. <i>Environmental Research</i> , 2019, 174, 125-134.	3.7	70
6	Transcriptomic responses in mouse blood during the first week after in vivo gamma irradiation. <i>Scientific Reports</i> , 2019, 9, 18364.	1.6	12
7	A custom-built low-cost chamber for exposing rodents to e-cigarette aerosol: practical considerations. <i>Inhalation Toxicology</i> , 2019, 31, 399-408.	0.8	10
8	15 years of <sup>106</sup> Ru eye plaque dosimetry at Memorial Sloan-Kettering Cancer Center and Weill Cornell Medical Center using radiochromic film in a Solid Water phantom. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 045017.	0.6	7
9	At Arm's Length. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2538-2541.	1.2	1
10	Modifiers of radiation effects in the eye. <i>Life Sciences in Space Research</i> , 2017, 15, 43-54.	1.2	14
11	Arsenite accumulation in the mouse eye. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 339-341.	1.1	16
12	Formation of Persistent Hyperplastic Primary Vitreous in Ephrin-A5 <sup>-/-</sup> Mice. , 2014, 55, 1594.		20
13	Radiation-associated Lens Opacities in Catheterization Personnel: Results of a Survey and Direct Assessments. <i>Journal of Vascular and Interventional Radiology</i> , 2013, 24, 197-204.	0.2	206
14	Potential Reduction of Contralateral Second Breast-Cancer Risks by Prophylactic Mammary Irradiation: Validation in a Breast-Cancer-Prone Mouse Model. <i>PLoS ONE</i> , 2013, 8, e85795.	1.1	13
15	Further analysis of the lens of ephrin-A5 <sup>-/-</sup> mice: development of postnatal defects. <i>Molecular Vision</i> , 2013, 19, 254-66.	1.1	20
16	GluA2 AMPA glutamate receptor subunit exhibits codon 607 Q/R RNA editing in the lens. <i>Biochemical and Biophysical Research Communications</i> , 2012, 418, 273-277.	1.0	13
17	Parallels between neuron and lens fiber cell structure and molecular regulatory networks. <i>Developmental Biology</i> , 2012, 368, 255-260.	0.9	31
18	Significant reduction in dental cone beam computed tomography (CBCT) eye dose through the use of leaded glasses. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011, 112, 502-507.	1.6	32

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19	Radiation and cataract. Radiation Protection Dosimetry, 2011, 147, 300-304.	0.4	111
20	Risk for radiation-induced cataract for staff in interventional cardiology: Is there reason for concern?. Catheterization and Cardiovascular Interventions, 2010, 76, 826-834.	0.7	270
21	Radiation Cataract Risk in Interventional Cardiology Personnel. Radiation Research, 2010, 174, 490-495.	0.7	289
22	Loss of ephrin-A5 function disrupts lens fiber cell packing and leads to cataract. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16620-16625.	3.3	107
23	Mrad9 and Atm Haploinsufficiency Enhance Spontaneous and X-Ray-Induced Cataractogenesis in Mice. Radiation Research, 2007, 168, 567-573.	0.7	56
24	The effect of stress withdrawal on gene expression and certain biochemical and cell biological properties of peroxide-conditioned cell lines. FASEB Journal, 2004, 18, 480-488.	0.2	37
25	Characteristics of tertiary butyl hydroperoxide and hydrogen peroxide conditioned cells withdrawn from peroxide stress. Experimental Eye Research, 2004, 78, 1037-1039.	1.2	3
26	Peroxide toxicity in conditioned lens epithelial cells - evaluation of multi-defense systems. Experimental Eye Research, 2003, 77, 711-720.	1.2	12
27	The Effect of H2O2 and Tertiary Butyl Hydroperoxide Upon a Murine Immortal Lens Epithelial Cell Line, Î±TN4-1. Experimental Eye Research, 2002, 75, 573-582.	1.2	35
28	The Effect of Catalase Amplification on Immortal Lens Epithelial Cell Lines. Experimental Eye Research, 1998, 67, 647-656.	1.2	13
29	Microperoxidases Catalytically Degrade Reactive Oxygen Species and May Be Anti-Cataract Agents. Experimental Eye Research, 1997, 65, 457-470.	1.2	21
30	Scanning Slit Confocal Microscopic Observation of Cell Morphology and Movement within the Normal Human Anterior Cornea. Ophthalmology, 1995, 102, 33-41.	2.5	146
31	A brief photochemically induced oxidative insult causes irreversible lens damage and cataract II. Mechanism of action. Experimental Eye Research, 1995, 60, 483-493.	1.2	91
32	DNA single strand breaks in human lens epithelial cells from patients with cataract. Current Eye Research, 1993, 12, 423-431.	0.7	80
33	Ultraviolet light induced DNA damage and repair in bovine lens epithelial cells. Current Eye Research, 1990, 9, 1185-1193.	0.7	75
34	Hydrogen peroxide-induced DNA damage in bovine lens epithelial cells. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1990, 240, 35-45.	1.2	80
35	Repair of H2O2-induced DNA damage in bovine lens epithelial cell cultures. Experimental Eye Research, 1989, 49, 685-698.	1.2	48
36	Definition and comparison of the phosphorylation sites of the A and B chains of bovine Î±-crystallin. Experimental Eye Research, 1988, 46, 199-208.	1.2	63

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37	Identification of the specific phosphorylated serine in the bovine alpha crystallin A1chain. Current Eye Research, 1987, 6, 539-542.	0.7	26
38	The phosphorylation sites of the B2 chain of bovine $\beta$ -crystallin. Biochemical and Biophysical Research Communications, 1987, 144, 1340-1347.	1.0	76
39	Nuclear protein phosphorylation in isolated nuclei from HeLa cells. Evidence that $^{32}\text{P}$ incorporation from [ $^{32}\text{P}$ ]GTP is catalyzed by nuclear kinase II. Biochimica Et Biophysica Acta - Molecular Cell Research, 1985, 847, 165-176.	1.9	22