

Tadeusz J Sarna

List of Publications by Year in descending order

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Version: 2024-02-01

134
papers

9,751
citations

44069

48
h-index

37204

96
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136
all docs

136
docs citations

136
times ranked

9565
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuromelanins in brain aging and Parkinson's disease: synthesis, structure, neuroinflammatory, and neurodegenerative role. <i>IUBMB Life</i> , 2023, 75, 55-65.	3.4	26
2	Interaction of Melanin with Metal Ions Modulates Their Cytotoxic Potential. <i>Applied Magnetic Resonance</i> , 2022, 53, 105-121.	1.2	16
3	The Inhibitory Effect of Blue Light on Phagocytic Activity by ARPE-19 Cells. <i>Photochemistry and Photobiology</i> , 2022, 98, 1110-1121.	2.5	0
4	Melanoma, Melanin, and Melanogenesis: The Yin and Yang Relationship. <i>Frontiers in Oncology</i> , 2022, 12, 842496.	2.8	99
5	Removal of RPE lipofuscin results in rescue from retinal degeneration in a mouse model of advanced Stargardt disease: Role of reactive oxygen species. <i>Free Radical Biology and Medicine</i> , 2022, 182, 132-149.	2.9	8
6	Gallium Mesoporphyrin IX-Mediated Photodestruction: A Pharmacological Trojan Horse Strategy To Eliminate Multidrug-Resistant <i>Staphylococcus aureus</i> . <i>Molecular Pharmaceutics</i> , 2022, 19, 1434-1448.	4.6	8
7	Increased Oxidative Stress in Asthma—Relation to Inflammatory Blood and Lung Biomarkers and Airway Remodeling Indices. <i>Biomedicines</i> , 2022, 10, 1499.	3.2	8
8	The effect of aging and antioxidants on photoreactivity and phototoxicity of human melanosomes: An in vitro study. <i>Pigment Cell and Melanoma Research</i> , 2021, 34, 670-682.	3.3	17
9	Photoreactivity of Hair Melanin from Different Skin Phototypes—Contribution of Melanin Subunits to the Pigments Photoreactive Properties. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4465.	4.1	5
10	Melanopsin Signaling Pathway in HEK293 Cell Line with Stable Expression of Human Melanopsin: Possible Participation of Phospholipase C beta 4 and Diacylglycerol. <i>Photochemistry and Photobiology</i> , 2021, 97, 1136-1144.	2.5	2
11	Fine Particulate Matter-Induced Oxidative Stress Mediated by UVA-Visible Light Leads to Keratinocyte Damage. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10645.	4.1	14
12	Comparison of photodynamic efficiency of cholesterol, selected cholesterol esters, metabolites and oxidation products on lipid peroxidation processes. <i>Acta Biochimica Polonica</i> , 2021, 68, 527-533.	0.5	1
13	The influence of iron on selected properties of synthetic pheomelanin. <i>Cell Biochemistry and Biophysics</i> , 2020, 78, 181-189.	1.8	7
14	Photoreactivity of Bis-retinoid A2E Complexed with a Model Protein in Selected Model Systems. <i>Cell Biochemistry and Biophysics</i> , 2020, 78, 415-427.	1.8	7
15	The Effect of Antioxidants on Photoreactivity and Phototoxic Potential of RPE Melanolipofuscin Granules from Human Donors of Different Age. <i>Antioxidants</i> , 2020, 9, 1044.	5.1	9
16	Developing [60]Fullerene Nanomaterials for Better Photodynamic Treatment of Non-Melanoma Skin Cancers. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5930-5940.	5.2	20
17	Melanopsin: From a small molecule to brain functions. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 113, 190-203.	6.1	25
18	Quercetin protects ARPE-19 cells against photic stress mediated by the products of rhodopsin photobleaching. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 1022-1034.	2.9	15

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19	Farnesol potentiates photodynamic inactivation of <i>Staphylococcus aureus</i> with the use of red light-activated porphyrin TMPyP. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 206, 111863.	3.8	7
20	The role of hydrogen peroxide and singlet oxygen in the photodegradation of melanin. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 654-667.	2.9	12
21	The Ability of Functionalized Fullerenes and Surface-Modified TiO ₂ Nanoparticles to Photosensitize Peroxidation of Lipids in Selected Model Systems. <i>Photochemistry and Photobiology</i> , 2019, 95, 227-236.	2.5	11
22	Comparison of thiocyanate and selenocyanate for potentiation of antimicrobial photodynamic therapy. <i>Journal of Biophotonics</i> , 2019, 12, e201800092.	2.3	9
23	Regulation of Melanopsin Signaling: Key Interactions of the Nonvisual Photopigment. <i>Photochemistry and Photobiology</i> , 2019, 95, 83-94.	2.5	5
24	Sodium nitrite potentiates antimicrobial photodynamic inactivation: possible involvement of peroxyxynitrate. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 505-515.	2.9	10
25	Amphiphilic tetracationic porphyrins are exceptionally active antimicrobial photosensitizers: In vitro and in vivo studies with the free-base and Pd-chelate. <i>Journal of Biophotonics</i> , 2019, 12, e201800318.	2.3	13
26	Scavenging of Retinoid Cation Radicals by Urate, Trolox, and \hat{I}^{\pm} , \hat{I}^2 , \hat{I}^3 , and \hat{I} -Tocopherols. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2799.	4.1	11
27	Oxidized Lipids Decrease Phagocytic Activity of ARPE-19 Cells In Vitro. <i>European Journal of Lipid Science and Technology</i> , 2019, 121, 1800476.	1.5	3
28	<i>In vitro</i> phototoxicity of rhodopsin photobleaching products in the retinal pigment epithelium (RPE). <i>Free Radical Research</i> , 2019, 53, 456-471.	3.3	15
29	Photobleaching of pheomelanin increases its phototoxic potential: Physicochemical studies of synthetic pheomelanin subjected to aerobic photolysis. <i>Pigment Cell and Melanoma Research</i> , 2019, 32, 359-372.	3.3	16
30	Interaction of iron ions with melanin. <i>Acta Biochimica Polonica</i> , 2019, 66, 459-462.	0.5	9
31	Antimicrobial photodynamic inactivation is potentiated by the addition of selenocyanate: Possible involvement of selenocyanogen?. <i>Journal of Biophotonics</i> , 2018, 11, e201800029.	2.3	14
32	Redox-Active Quinone Chelators: Properties, Mechanisms of Action, Cell Delivery, and Cell Toxicity. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1394-1403.	5.4	31
33	Photodegradation of Eumelanin and Pheomelanin and Its Pathophysiological Implications. <i>Photochemistry and Photobiology</i> , 2018, 94, 409-420.	2.5	86
34	Lipofuscin-mediated photodynamic stress induces adverse changes in nanomechanical properties of retinal pigment epithelium cells. <i>Scientific Reports</i> , 2018, 8, 17929.	3.3	20
35	Potassium iodide potentiates antimicrobial photodynamic inactivation mediated by Rose Bengal: in vitro and in vivo studies. , 2018, , .		0
36	Interactions of iron, dopamine and neuromelanin pathways in brain aging and Parkinson's disease. <i>Progress in Neurobiology</i> , 2017, 155, 96-119.	5.7	490

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37	Potassium Iodide Potentiates Broad-Spectrum Antimicrobial Photodynamic Inactivation Using Photofrin. <i>ACS Infectious Diseases</i> , 2017, 3, 320-328.	3.8	105
38	Potassium Iodide Potentiates Antimicrobial Photodynamic Inactivation Mediated by Rose Bengal in <i>in Vitro</i> and <i>in Vivo</i> Studies. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	100
39	A 3D model of tumour angiogenic microenvironment to monitor hypoxia effects on cell interactions and cancer stem cell selection. <i>Cancer Letters</i> , 2017, 396, 10-20.	7.2	59
40	The nanomechanical role of melanin granules in the retinal pigment epithelium. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 801-807.	3.3	20
41	Lipofuscin-mediated photic stress inhibits phagocytic activity of ARPE-19 cells; effect of donors' age and antioxidants. <i>Free Radical Research</i> , 2017, 51, 799-811.	3.3	21
42	Uniform field loop-gap resonator and rectangular TE U02 for aqueous sample EPR at 94 GHz. <i>Journal of Magnetic Resonance</i> , 2017, 282, 129-135.	2.1	8
43	Redox Active Transition Metal ions Make Melanin Susceptible to Chemical Degradation Induced by Organic Peroxide. <i>Cell Biochemistry and Biophysics</i> , 2017, 75, 319-333.	1.8	17
44	EPR Studies on the Properties of Model Photoreceptor Membranes Made of Natural and Synthetic Lipids. <i>Cell Biochemistry and Biophysics</i> , 2017, 75, 433-442.	1.8	11
45	Zeaxanthin and Lutein in the Management of Eye Diseases. <i>Journal of Ophthalmology</i> , 2016, 2016, 1-2.	1.3	5
46	Aerobic photoreactivity of synthetic eumelanins and pheomelanins: generation of singlet oxygen and superoxide anion. <i>Pigment Cell and Melanoma Research</i> , 2016, 29, 669-678.	3.3	49
47	Inhibition of phagocytic activity of ARPE-19 cells by free radical mediated oxidative stress. <i>Free Radical Research</i> , 2016, 50, 887-897.	3.3	16
48	Roles of reactive oxygen species in UVA-induced oxidation of 5,6-dihydroxyindole-2-carboxylic acid-melanin as studied by differential spectrophotometric method. <i>Pigment Cell and Melanoma Research</i> , 2016, 29, 340-351.	3.3	38
49	Photoaging of retinal pigment epithelial melanosomes: The effect of photobleaching on morphology and reactivity of the pigment granules. <i>Free Radical Biology and Medicine</i> , 2016, 97, 320-329.	2.9	15
50	Melanins and melanogenesis: from pigment cells to human health and technological applications. <i>Pigment Cell and Melanoma Research</i> , 2015, 28, 520-544.	3.3	347
51	Senescence, Stress, and Reactive Oxygen Species. <i>Plants</i> , 2015, 4, 393-411.	3.5	260
52	Photodynamic Inactivation of <i>Candida albicans</i> with Imidazoacridinones: Influence of Irradiance, Photosensitizer Uptake and Reactive Oxygen Species Generation. <i>PLoS ONE</i> , 2015, 10, e0129301.	2.5	38
53	Changes in production of reactive oxygen species in illuminated thylakoids isolated during development and senescence of barley. <i>Journal of Plant Physiology</i> , 2015, 184, 49-56.	3.5	20
54	Antimicrobial photodynamic therapy with fulleropyrrolidine: photoinactivation mechanism of <i>Staphylococcus aureus</i> , in vitro and in vivo studies. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 4031-4043.	3.6	88

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55	Zeaxanthin and α -tocopherol reduce the inhibitory effects of photodynamic stress on phagocytosis by ARPE-19 cells. <i>Free Radical Biology and Medicine</i> , 2015, 89, 873-882.	2.9	15
56	Cell elasticity is an important indicator of the metastatic phenotype of melanoma cells. <i>Experimental Dermatology</i> , 2014, 23, 813-818.	2.9	45
57	EPR spin labeling measurements of thylakoid membrane fluidity during barley leaf senescence. <i>Journal of Plant Physiology</i> , 2014, 171, 1046-1053.	3.5	13
58	Photoc Injury to Cultured RPE Varies Among Individual Cells in Proportion to Their Endogenous Lipofuscin Content as Modulated by Their Melanosome Content. , 2014, 55, 4982.		15
59	Melanins and melanogenesis: methods, standards, protocols. <i>Pigment Cell and Melanoma Research</i> , 2013, 26, 616-633.	3.3	365
60	Thiocyanate potentiates antimicrobial photodynamic therapy: In situ generation of the sulfur trioxide radical anion by singlet oxygen. <i>Free Radical Biology and Medicine</i> , 2013, 65, 800-810.	2.9	46
61	New insight into singlet oxygen generation at surface modified nanocrystalline TiO ₂ – the effect of near-infrared irradiation. <i>Dalton Transactions</i> , 2013, 42, 9468.	3.3	60
62	Oxidative Stress Increases HO-1 Expression in ARPE-19 Cells, But Melanosomes Suppress the Increase When Light Is the Stressor. , 2013, 54, 47.		13
63	Hydration-Controlled X-Band EPR Spectroscopy: A Tool for Unravelling the Complexities of the Solid-State Free Radical in Eumelanin. <i>Journal of Physical Chemistry B</i> , 2013, 117, 4965-4972.	2.6	84
64	Photoaging of human retinal pigment epithelium is accompanied by oxidative modifications of its eumelanin. <i>Pigment Cell and Melanoma Research</i> , 2013, 26, 357-366.	3.3	50
65	Nanomechanical analysis of pigmented human melanoma cells. <i>Pigment Cell and Melanoma Research</i> , 2013, 26, 727-730.	3.3	25
66	Photosensitized Oxidative Stress to ARPE-19 Cells Decreases Protein Receptors that Mediate Photoreceptor Outer Segment Phagocytosis. , 2013, 54, 2276.		18
67	Paradoxical potentiation of methylene blue-mediated antimicrobial photodynamic inactivation by sodium azide: Role of ambient oxygen and azide radicals. <i>Free Radical Biology and Medicine</i> , 2012, 53, 2062-2071.	2.9	105
68	Photoactivation and Detection of Photoexcited Molecules and Photochemical Products. <i>Israel Journal of Chemistry</i> , 2012, 52, 745-756.	2.3	12
69	Melanosome-iron interactions within retinal pigment epithelium-derived cells. <i>Pigment Cell and Melanoma Research</i> , 2012, 25, 804-814.	3.3	26
70	Interactions of plasmalogens and their diacyl analogs with singlet oxygen in selected model systems. <i>Free Radical Biology and Medicine</i> , 2011, 50, 892-898.	2.9	125
71	Dynamic analyses reveal cytoprotection by RPE melanosomes against non-photoc stress. <i>Molecular Vision</i> , 2011, 17, 2864-77.	1.1	33
72	Dynamics of H ₂ O ₂ availability to ARPE-19 cultures in models of oxidative stress. <i>Free Radical Biology and Medicine</i> , 2010, 48, 1064-1070.	2.9	88

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73	Zinc-induced Structural Effects Enhance Oxygen Consumption and Superoxide Generation in Synthetic Pheomelanins on UVA/Visible Light Irradiation. Photochemistry and Photobiology, 2010, 86, 757-764.	2.5	41
74	Sublethal Photodynamic Damage to ARPE-19 Cells Transiently Inhibits Their Phagocytic Activity. Photochemistry and Photobiology, 2010, 86, 772-780.	2.5	17
75	Chemical and Structural Diversity in Eumelanins: Unexplored Bioelectronic Materials. Angewandte Chemie - International Edition, 2009, 48, 3914-3921.	13.8	517
76	Investigation of Photoexcited States in Porcine Eumelanin through Their Transient Radical Products. Journal of Physical Chemistry B, 2009, 113, 10480-10482.	2.6	12
77	Photocatalytic Generation of Oxygen Radicals by the Water-Soluble Bacteriochlorophyll Derivative WST11, Noncovalently Bound to Serum Albumin. Journal of Physical Chemistry A, 2009, 113, 8027-8037.	2.5	119
78	Effect of untreated and photobleached bovine RPE melanosomes on the photoinduced peroxidation of lipids. Photochemical and Photobiological Sciences, 2009, 8, 830-837.	2.9	34
79	The Phototoxicity of Aged Human Retinal Melanosomes. Photochemistry and Photobiology, 2008, 84, 650-657.	2.5	57
80	Different Molecular Constituents in Pheomelanin are Responsible for Emission, Transient Absorption and Oxygen Photoconsumption. Photochemistry and Photobiology, 2008, 84, 437-443.	2.5	28
81	Role of Ocular Melanin in Ophthalmic Physiology and Pathology. Photochemistry and Photobiology, 2008, 84, 639-644.	2.5	196
82	Ascorbate Enhances Photogeneration of Hydrogen Peroxide Mediated by the Iris Melanin. Photochemistry and Photobiology, 2008, 84, 683-691.	2.5	15
83	Neuromelanin can protect against iron-mediated oxidative damage in system modeling iron overload of brain aging and Parkinson's disease. Journal of Neurochemistry, 2008, 106, 1866-1875.	3.9	174
84	Human RPE Melanosomes Protect from Photosensitized and Iron-Mediated Oxidation but Become Pro-oxidant in the Presence of Iron upon Photodegradation. Investigative Ophthalmology and Visual Science, 2008, 49, 2838-2847.	3.3	63
85	Melanin and Oxidative Reactions. , 2008, , 147-158.		1
86	Photodynamic therapy with fullerenes. Photochemical and Photobiological Sciences, 2007, 6, 1139-1149.	2.9	259
87	Photobleaching of Melanosomes from Retinal Pigment Epithelium: II. Effects on the Response of Living Cells to Photic Stress. Photochemistry and Photobiology, 2007, 83, 925-930.	2.5	25
88	Photobleaching of Melanosomes from Retinal Pigment Epithelium: I. Effects on Protein Oxidation. Photochemistry and Photobiology, 2007, 83, 920-924.	2.5	26
89	Photobleaching of retinal pigment epithelium melanosomes reduces their ability to inhibit iron-induced peroxidation of lipids. Pigment Cell & Melanoma Research, 2007, 20, 52-60.	3.6	54
90	Functionalized fullerenes mediate photodynamic killing of cancer cells: Type I versus Type II photochemical mechanism. Free Radical Biology and Medicine, 2007, 43, 711-719.	2.9	225

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91	Probing the Spatial Dependence of the Emission Spectrum of Single Human Retinal Lipofuscin Granules Using Near-field Scanning Optical Microscopy. <i>Photochemistry and Photobiology</i> , 2007, 74, 364-368.	2.5	6
92	Ultrafast Energy Transfer from Bound Tetra(4-N,N,N,N-trimethylanilinium)porphyrin to Synthetic Dopa and Cysteinyldopa Melanins. <i>Photochemistry and Photobiology</i> , 2007, 77, 1-4.	2.5	4
93	Comparison of the Aerobic Photoreactivity of A2E with its Precursor Retinal. <i>Photochemistry and Photobiology</i> , 2007, 77, 253-258.	2.5	20
94	Structural Characterization of Plasmenylcholine Photooxidation Products. <i>Photochemistry and Photobiology</i> , 2007, 78, 323-330.	2.5	1
95	Pulse radiolysis and steady-state analyses of the reaction between hydroethidine and superoxide and other oxidants. <i>Archives of Biochemistry and Biophysics</i> , 2006, 456, 39-47.	3.0	55
96	9-cis Retinal Increased in Retina of RPE65 Knockout Mice with Decrease in Coat Pigmentation. <i>Photochemistry and Photobiology</i> , 2006, 82, 1461-1467.	2.5	6
97	The physical and chemical properties of eumelanin. <i>Pigment Cell & Melanoma Research</i> , 2006, 19, 572-594.	3.6	828
98	Photoionization Thresholds of Melanins Obtained from Free Electron Laser. <i>Photoelectron Emission Microscopy, Femtosecond Transient Absorption Spectroscopy and Electron Paramagnetic Resonance Measurements of Oxygen Photoconsumption</i> . <i>Photochemistry and Photobiology</i> , 2006, 82, 733-737.	2.5	76
99	Effects of Photodegradation on the Physical and Antioxidant Properties of Melanosomes Isolated from Retinal Pigment Epithelium. <i>Photochemistry and Photobiology</i> , 2006, 82, 1024.	2.5	76
100	Oxidative stress in ARPE-19 cultures: Do melanosomes confer cytoprotection?. <i>Free Radical Biology and Medicine</i> , 2006, 40, 87-100.	2.9	62
101	Light-induced Damage to the Retina: Role of Rhodopsin Chromophore Revisited. <i>Photochemistry and Photobiology</i> , 2005, 81, 1305.	2.5	160
102	Spectroscopic properties and reactivity of free radical forms of A2E. <i>Free Radical Biology and Medicine</i> , 2005, 38, 1037-1046.	2.9	16
103	Pulse radiolysis study of the interaction of retinoids with peroxy radicals. <i>Free Radical Biology and Medicine</i> , 2005, 39, 1399-1405.	2.9	40
104	The Microenvironment Effect on the Generation of Reactive Oxygen Species by Pd ²⁺ Bacteriopheophorbide. <i>Journal of the American Chemical Society</i> , 2005, 127, 6487-6497.	13.7	182
105	Age-Related Changes in the Photoreactivity of Retinal Lipofuscin Granules: Role of Chloroform-Insoluble Components. <i>Investigative Ophthalmology and Visual Science</i> , 2004, 45, 1052-1060.	3.3	78
106	Zeaxanthin in combination with ascorbic acid or α -tocopherol protects ARPE-19 cells against photosensitized peroxidation of lipids. <i>Free Radical Biology and Medicine</i> , 2004, 36, 1094-1101.	2.9	91
107	Cooperation of antioxidants in protection against photosensitized oxidation. <i>Free Radical Biology and Medicine</i> , 2003, 35, 1319-1329.	2.9	116
108	Loss of melanin from human RPE with aging: possible role of melanin photooxidation. <i>Experimental Eye Research</i> , 2003, 76, 89-98.	2.6	218

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109	Spectroscopic and morphological studies of human retinal lipofuscin granules. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 3179-3184.	7.1	95
110	Structural Characterization of Plasmemylcholine Photooxidation Products. Photochemistry and Photobiology, 2003, 78, 323.	2.5	14
111	Ultrafast Energy Transfer from Bound Tetra(4-N,N,N,N-trimethylanilinium)porphyrin to Synthetic Dopa and Cysteinyldopa Melanins. Photochemistry and Photobiology, 2003, 77, 1.	2.5	21
112	Comparison of the Aerobic Photoreactivity of A2E with its Precursor Retinal. Photochemistry and Photobiology, 2003, 77, 253.	2.5	67
113	Ultrafast energy transfer from bound tetra(4-N,N,N,N-trimethylanilinium)porphyrin to synthetic dopa and cysteinyldopa melanins. Photochemistry and Photobiology, 2003, 77, 1-4.	2.5	3
114	Action spectra for the photoconsumption of oxygen by human ocular lipofuscin and lipofuscin extracts. Archives of Biochemistry and Biophysics, 2002, 403, 59-62.	3.0	43
115	Photoreactivity of aged human RPE melanosomes: a comparison with lipofuscin. Investigative Ophthalmology and Visual Science, 2002, 43, 2088-96.	3.3	85
116	Primary Photophysical Properties of A2E in Solution. Journal of Physical Chemistry B, 2001, 105, 11507-11512.	2.6	39
117	Photocytotoxicity of lipofuscin in human retinal pigment epithelial cells. Free Radical Biology and Medicine, 2001, 31, 256-265.	2.9	176
118	Structural Differences in Unbleached and Mildly-Bleached Synthetic Tyrosine-Derived Melanins Identified by Scanning Probe Microscopies. Pigment Cell & Melanoma Research, 2000, 13, 99-108.	3.6	33
119	Atomic Force Microscopy and Near-Field Scanning Optical Microscopy Measurements of Single Human Retinal Lipofuscin Granules. Journal of Physical Chemistry B, 2000, 104, 12098-12101.	2.6	34
120	Carotenoid Radical-Melanin Interactions. Journal of Physical Chemistry B, 2000, 104, 7193-7196.	2.6	11
121	Free radical scavenging properties of melanin. Free Radical Biology and Medicine, 1999, 26, 518-525.	2.9	282
122	Blue Light-Induced Singlet Oxygen Generation by Retinal Lipofuscin in Non-Polar Media. Free Radical Biology and Medicine, 1998, 24, 1107-1112.	2.9	212
123	The Role of Retinal Pigment Epithelium Melanin in Photoinduced Oxidation of Ascorbate*. Photochemistry and Photobiology, 1997, 65, 472-479.	2.5	58
124	Binding of Iron to Neuromelanin of Human Substantia Nigra and Synthetic Melanin: An Electron Paramagnetic Resonance Spectroscopy Study. Free Radical Biology and Medicine, 1997, 23, 110-119.	2.9	114
125	Blue Light-induced Reactivity of Retinal Age Pigment. Journal of Biological Chemistry, 1995, 270, 18825-18830.	3.4	385
126	The effect of a synthetic neuromelanin on yield of free hydroxyl radicals generated in model systems. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1995, 1271, 343-348.	3.8	122

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127	Phototoxicity of the Eye. , 1994, , 125-141.		5
128	New trends in photobiology. Journal of Photochemistry and Photobiology B: Biology, 1992, 12, 215-258.	3.8	367
129	On the Interaction of Anisyl-3,4-Semiquinone with Oxygen. Free Radical Research Communications, 1987, 4, 131-138.	1.8	23
130	Photochemical studies of porphyrinâ€“melanin interactions. Journal of the Chemical Society, Faraday Transactions 2, 1986, 82, 1469-1474.	1.1	30
131	PHOTOLYSIS OF PHEOMELANIN PRECURSORS: AN ESR-SPIN TRAPPING STUDY. Photochemistry and Photobiology, 1986, 44, 689-696.	2.5	24
132	FREE RADICALS FROM THE PHOTODECOMPOSITION OF BLEOMYCIN. Photochemistry and Photobiology, 1985, 41, 393-399.	2.5	19
133	Interaction of melanin with oxygen. Archives of Biochemistry and Biophysics, 1980, 200, 140-148.	3.0	133
134	The Physical Properties of Melanins. , 0, , 311-341.		54