

Fumihiko Yoshino

List of Publications by Year in descending order

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55
papers

1,459
citations

279487

23
h-index

329751

37
g-index

58
all docs

58
docs citations

58
times ranked

2019
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact on <i>Porphyromonas gingivalis</i> of antimicrobial photodynamic therapy with blue light and Rose Bengal in plaque-disclosing solution. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 36, 102576.	1.3	4
2	Effect of physical stimulation (gingival massage) on age-related changes in gingival microcirculation. <i>PLoS ONE</i> , 2020, 15, e0233288.	1.1	6
3	Singlet oxygen generated by a new nonthermal atmospheric pressure air plasma device exerts a bactericidal effect on oral pathogens. <i>Journal of Oral Science</i> , 2019, 61, 521-525.	0.7	11
4	Antimicrobial photodynamic therapy using a plaque disclosing solution on <i>Streptococcus mutans</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 26, 252-257.	1.3	8
5	Ameliorating Effects of <i>Jixueteng</i> in a Mouse Model of <i>Porphyromonas gingivalis</i> -Induced Periodontitis: Analysis Based on Gingival Microcirculatory System. <i>Natural Product Communications</i> , 2018, 13, 1934578X1801301.	0.2	1
6	Effects of blue-light irradiation during dental treatment. <i>Japanese Dental Science Review</i> , 2018, 54, 160-168.	2.0	39
7	Bactericidal effect of hydroxyl radicals generated by the sonolysis and photolysis of hydrogen peroxide for endodontic applications. <i>Microbial Pathogenesis</i> , 2017, 103, 65-70.	1.3	11
8	Antimicrobial effect of blue light using <i>Porphyromonas gingivalis</i> pigment. <i>Scientific Reports</i> , 2017, 7, 5225.	1.6	58
9	Protective effects of (6R)-5,6,7,8-tetrahydro-L-biopterin on local ischemia/reperfusion-induced suppression of reactive hyperemia in rat gingiva. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2016, 58, 69-75.	0.6	4
10	Antimicrobial effect of titanium dioxide after ultraviolet irradiation against periodontal pathogen. <i>Dental Materials Journal</i> , 2016, 35, 511-516.	0.8	18
11	<i>Porphyromonas gingivalis</i> infection modifies oral microcirculation and aortic vascular function in the stroke-prone spontaneously hypertensive rat (SHRSP). <i>Microbial Pathogenesis</i> , 2016, 92, 36-42.	1.3	14
12	±-Glucosyl hesperidin suppressed the exacerbation of 5-fluorouracil-induced oral mucositis in the hamster cheek pouch. <i>Journal of Functional Foods</i> , 2016, 21, 223-231.	1.6	6
13	Relationship among salivary antioxidant activity, cytokines, and periodontitis: the Nagasaki Island study. <i>Journal of Clinical Periodontology</i> , 2015, 42, 711-718.	2.3	13
14	Effects of Mandibular Retrusive Deviation on Prefrontal Cortex Activation: A Functional Near-Infrared Spectroscopy Study. <i>BioMed Research International</i> , 2015, 2015, 1-6.	0.9	7
15	Blue light irradiation-induced oxidative stress in vivo via ROS generation in rat gingival tissue. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 151, 48-53.	1.7	37
16	Medical-grade collagen peptide in injectables provides antioxidant protection. <i>Pharmaceutical Development and Technology</i> , 2015, 20, 219-226.	1.1	2
17	Fasudil, a Rho kinase inhibitor, suppresses tumor growth by inducing CXCL14/BRAK in head and neck squamous cell carcinoma. <i>Biomedical Research</i> , 2014, 35, 381-388.	0.3	12
18	Bactericidal effect of hydroxyl radicals generated from a low concentration hydrogen peroxide with ultrasound in endodontic treatment. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2014, 54, 161-165.	0.6	49

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19	Reactive Oxygen Species Scavenging Activity of Jixueteng Evaluated by Electron Spin Resonance (ESR) and Photon Emission. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400901.	0.2	11
20	Antimicrobial photodynamic therapy suppresses dental plaque formation in healthy adults: a randomized controlled clinical trial. <i>BMC Oral Health</i> , 2014, 14, 152.	0.8	39
21	Passive ultrasonic irrigation in the presence of a low concentration of hydrogen peroxide enhances hydroxyl radical generation and bactericidal effect against <i>Enterococcus faecalis</i> . <i>Journal of Oral Science</i> , 2014, 56, 35-39.	0.7	13
22	Reactive oxygen species production in mitochondria of human gingival fibroblast induced by blue light irradiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 129, 1-5.	1.7	45
23	Alteration of the Redox State with Reactive Oxygen Species for 5-Fluorouracil-Induced Oral Mucositis in Hamsters. <i>PLoS ONE</i> , 2013, 8, e82834.	1.1	50
24	ESR investigation of ROS generated by H ₂ O ₂ ; bleaching with TiO ₂ coated HA. <i>Dental Materials Journal</i> , 2012, 31, 458-464.	0.8	24
25	Dental resin curing blue light induced oxidative stress with reactive oxygen species production. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 114, 73-78.	1.7	26
26	Soft-food diet induces oxidative stress in the rat brain. <i>Neuroscience Letters</i> , 2012, 508, 42-46.	1.0	14
27	Gingival vascular functions are altered in type 2 diabetes mellitus model and/or periodontitis model. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2012, 51, 108-113.	0.6	46
28	Assessments of salivary antioxidant activity using electron spin resonance spectroscopy. <i>Archives of Oral Biology</i> , 2012, 57, 654-662.	0.8	14
29	Crocetin reduces the oxidative stress induced reactive oxygen species in the stroke-prone spontaneously hypertensive rats (SHRSPs) brain. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2011, 49, 182-187.	0.6	102
30	Assessment of Anti-Aging Effects of Fish Products Peptide in Middle-Aged Subjects. <i>Anti-aging Medicine</i> , 2011, 8, 48-52.	0.7	0
31	Direct Assessments of the Antioxidant Effects of the Novel Collagen Peptide on Reactive Oxygen Species Using Electron Spin Resonance Spectroscopy. <i>Journal of Pharmacological Sciences</i> , 2011, 116, 97-106.	1.1	11
32	Direct assessment of the antioxidant properties of midazolam by electron spin resonance spectroscopy. <i>Journal of Anesthesia</i> , 2011, 25, 765-769.	0.7	3
33	Direct assessment by electron spin resonance spectroscopy of the antioxidant effects of French maritime pine bark extract in the maxillofacial region of hairless mice. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2011, 49, 79-86.	0.6	20
34	Assessment of Oxidative Stress in the Brain of Spontaneously Hypertensive Rat and Stroke-Prone Spontaneously Hypertensive Rat Using by Electron Spin Resonance Spectroscopy. , 2011, , 91-103.		1
35	Electrostatic control of protein adsorption on UV-photofunctionalized titanium. <i>Acta Biomaterialia</i> , 2010, 6, 4175-4180.	4.1	95
36	ESR Detection of ROS Generated by TiO ₂ Coated with Fluoridated Apatite. <i>Journal of Dental Research</i> , 2010, 89, 848-853.	2.5	28

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37	Reactive oxygen species (ROS) reduce the expression of BRAK/CXCL14 in human head and neck squamous cell carcinoma cells. <i>Free Radical Research</i> , 2010, 44, 913-924.	1.5	25
38	Assessment of the effect of fermented papaya preparation on oxidative damage in spontaneously hypertensive rat brain using electron spin resonance (ESR) imaging and L-band ESR spectroscopy. <i>Journal of Functional Foods</i> , 2009, 1, 375-380.	1.6	8
39	N-acetyl cysteine (NAC)-mediated detoxification and functionalization of poly(methyl methacrylate) bone cement. <i>Biomaterials</i> , 2009, 30, 3378-3389.	5.7	76
40	Nitric oxide levels in rat hypothalamus are increased by restraint stress and decreased by biting. <i>Redox Report</i> , 2008, 13, 31-39.	1.4	18
41	Direct Assessments of the Antioxidant Effects of Propofol Medium Chain Triglyceride/Long Chain Triglyceride on the Brain of Stroke-prone Spontaneously Hypertensive Rats Using Electron Spin Resonance Spectroscopy. <i>Anesthesiology</i> , 2008, 109, 426-435.	1.3	58
42	Sialic acid is an essential moiety of mucin as a hydroxyl radical scavenger. <i>FEBS Letters</i> , 2007, 581, 2473-2477.	1.3	83
43	A Study of the Effects of Irradiation on the Polymerization of Dual-cured Self-etching Bonding System Using Electron Spin Resonance (ESR) Spectroscopy. <i>Dental Materials Journal</i> , 2007, 26, 761-765.	0.8	1
44	Molecular effects of fermented papaya preparation on oxidative damage, MAP Kinase activation and modulation of the benzo[a]pyrene mediated genotoxicity. <i>BioFactors</i> , 2006, 26, 147-159.	2.6	55
45	Reactive oxygen species generation in gingival fibroblasts of Down syndrome patients detected by electron spin resonance spectroscopy. <i>Redox Report</i> , 2006, 11, 71-77.	1.4	21
46	Free radical scavenging activity of phosphodiesterase III inhibitor olprinone. <i>Journal of the Japanese Society of Intensive Care Medicine</i> , 2006, 13, 57-59.	0.0	1
47	Biting reduces acute stress-induced oxidative stress in the rat hypothalamus. <i>Redox Report</i> , 2005, 10, 19-24.	1.4	26
48	Characterization by Electron Spin Resonance Spectroscopy of Reactive Oxygen Species Generated by Titanium Dioxide and Hydrogen Peroxide. <i>Journal of Dental Research</i> , 2005, 84, 178-182.	2.5	65
49	Evidence of reactive oxygen species generation in synovial fluid from patients with temporomandibular disease by electron spin resonance spectroscopy. <i>Redox Report</i> , 2004, 9, 331-336.	1.4	37
50	Assessment of Oxidative Stress in the Spontaneously Hypertensive Rat Brain Using Electron Spin Resonance (ESR) Imaging and in Vivo L-Band ESR. <i>Hypertension Research</i> , 2004, 27, 485-492.	1.5	59
51	Real-time monitoring of nitric oxide in ischemic myocardium using an NO-selective electrode calibrated by electron spin resonance. <i>Life Sciences</i> , 2003, 74, 75-85.	2.0	10
52	Measurement of Oxidative Stress in the Rodent Brain Using Computerized Electron Spin Resonance Tomography. <i>Magnetic Resonance in Medical Sciences</i> , 2003, 2, 79-84.	1.1	22
53	Vascular effects of singlet oxygen (1O_2) generated by photo-excitation on adrenergic neurotransmission in isolated rabbit mesenteric vein. <i>Redox Report</i> , 2002, 7, 266-270.	1.4	33
54	Inhibition of superoxide generation from fMLP-stimulated leukocytes by high concentrations of nitric oxide or peroxyntrite: characterization by electron spin resonance spectroscopy. <i>Redox Report</i> , 2002, 7, 271-275.	1.4	19

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55	Hydroxyl radical-neurotransmission interaction in vascular smooth muscle. The Japanese Journal of Pharmacology, 1999, 79, 219.	1.2	0