

Elie Beit-Yannai

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,392
citations

394421

19
h-index

377865

34
g-index

38
all docs

38
docs citations

38
times ranked

1575
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative Stress in Closed-Head Injury: Brain Antioxidant Capacity as an Indicator of Functional Outcome. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1997, 17, 1007-1019.	4.3	226
2	Physical exosome:exosome interactions. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2001-2006.	3.6	97
3	Cerebroprotective effect of stable nitroxide radicals in closed head injury in the rat. <i>Brain Research</i> , 1996, 717, 22-28.	2.2	91
4	Diffusion- and T2-weighted MRI of closed-head injury in rats: A time course study and correlation with histology. <i>Magnetic Resonance Imaging</i> , 1997, 15, 77-85.	1.8	89
5	Closed Head Injury in the Rat Induces Whole Body Oxidative Stress: Overall Reducing Antioxidant Profile. <i>Journal of Neurotrauma</i> , 1999, 16, 365-376.	3.4	79
6	Overall low molecular weight antioxidant activity of biological fluids and tissues by cyclic voltammetry. <i>Methods in Enzymology</i> , 1999, 300, 285-296.	1.0	75
7	⁴⁵ Ca accumulation in rat brain after closed head injury; attenuation by the novel neuroprotective agent HU-211. <i>Brain Research</i> , 1995, 685, 1-11.	2.2	74
8	Changes of Biological Reducing Activity in Rat Brain following Closed Head Injury: A Cyclic Voltammetry Study in Normal and Heat-Acclimated Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1997, 17, 273-279.	4.3	74
9	Antioxidants Attenuate Acute Toxicity of Tumor Necrosis Factor-alpha Induced by Brain Injury in Rat. <i>Journal of Interferon and Cytokine Research</i> , 1999, 19, 791-795.	1.2	54
10	Mechanism of Brain Protection by Nitroxide Radicals in Experimental Model of Closed-Head Injury. <i>Free Radical Biology and Medicine</i> , 1998, 24, 332-340.	2.9	53
11	Inhibitory effect of carnosine and N-acetyl carnosine on LPS-induced microglial oxidative stress and inflammation. <i>Peptides</i> , 2009, 30, 1306-1312.	2.4	48
12	Extracellular vesicles mediate signaling between the aqueous humor producing and draining cells in the ocular system. <i>PLoS ONE</i> , 2017, 12, e0171153.	2.5	42
13	Extracellular vesicle-mediated crosstalk between NPCE cells and TM cells result in modulation of Wnt signalling pathway and ECM remodelling. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 4646-4658.	3.6	37
14	Antiproliferative activity of steroidal saponins from <i>Balanites aegyptiaca</i> An in vitro study. <i>Phytochemistry Letters</i> , 2011, 4, 43-47.	1.2	35
15	Crosstalk between MicroRNA and Oxidative Stress in Primary Open-Angle Glaucoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2421.	4.1	34
16	Nitrogen Management of Greenhouse Pepper Production: Agronomic, Nutritional, and Environmental Implications. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2013, 48, 1241-1249.	1.0	34
17	Evaluation of valuable nutrients in selected genotypes of marula (<i>Sclerocarya birrea</i> ssp. <i>caffra</i>). <i>Scientia Horticulturae</i> , 2008, 117, 321-328.	3.6	32
18	Extracellular vesicles have variable dose-dependent effects on cultured draining cells in the eye. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 1992-2000.	3.6	31

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19	Extracellular Vesicles Mediate Anti-Oxidative Responseâ€”In Vitro Study in the Ocular Drainage System. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6105.	4.1	24
20	Decrease in reducing power of aqueous humor originating from glaucomatous rabbits. <i>Eye</i> , 2007, 21, 658-664.	2.1	18
21	Does the aqueous humor have a role in mitogen-activated protein kinase (MAPK) intracellular signaling in Glaucoma?. <i>Medical Hypotheses</i> , 2007, 68, 299-302.	1.5	16
22	Influence of rootstock and scion on antioxidant capacity of juice from new pomelo and mandarin varieties. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 1825-1830.	3.5	12
23	Human Aqueous Humor Phosphatase Activity in Cataract and Glaucoma. , 2012, 53, 1679.		12
24	Use of alpha-tocopherol esters for topical vitamin E treatment: evaluation of their skin permeation and metabolism. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 65, 652-658.	2.4	12
25	Trabecular meshwork's collagen network formation is inhibited by nonâ€”pigmented ciliary epitheliumâ€”derived extracellular vesicles. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 3339-3347.	3.6	11
26	Nonâ€”pigmented ciliary epithelium derived extracellular vesicles uptake mechanism by the trabecular meshwork. <i>FASEB Journal</i> , 2021, 35, e21188.	0.5	10
27	Influence of Anti-Glaucoma Drugs on Uptake of Extracellular Vesicles by Trabecular Meshwork Cells. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1067-1081.	6.7	10
28	Non-Pigmented Ciliary Epithelium-Derived Extracellular Vesicles Loaded with SMAD7 siRNA Attenuate Wnt Signaling in Trabecular Meshwork Cells In Vitro. <i>Pharmaceutics</i> , 2021, 14, 858.	3.8	10
29	Differential Modulation of MAPKs in Relation to Increased Intraocular Pressure in the Aqueous Humor of Rat Eye Injected with Hyaluronic Acid. <i>Current Eye Research</i> , 2009, 34, 466-475.	1.5	9
30	Neuroprotection against oxidative stress by serum from heat acclimated rats. <i>Neuroscience Letters</i> , 1998, 254, 89-92.	2.1	8
31	Protective structures and manganese amendments effects on antioxidant activity in pepper fruit. <i>Scientia Horticulturae</i> , 2015, 185, 211-218.	3.6	7
32	Toxicity assessment of extracts from infusion sets in cEND brain endothelial cells. <i>International Journal of Pharmaceutics</i> , 2012, 434, 20-27.	5.2	6
33	Achillolide A Protects Astrocytes against Oxidative Stress by Reducing Intracellular Reactive Oxygen Species and Interfering with Cell Signaling. <i>Molecules</i> , 2016, 21, 301.	3.8	6
34	Extract of <i>Achillea fragrantissima</i> Downregulates ROS Production and Protects Astrocytes from Oxidative-Stress-Induced Cell Death. , 2011, , .		5
35	Cross-Talk between Ciliary Epithelium and Trabecular Meshwork Cells In-Vitro: A New Insight into Glaucoma. <i>PLoS ONE</i> , 2014, 9, e112259.	2.5	5
36	<i>Pulicaria incisa</i> infusion attenuates inflammatory responses of brain microglial cells. <i>Journal of Functional Foods</i> , 2016, 25, 110-122.	3.4	4

#	ARTICLE	IF	CITATIONS
37	Receptor Protein Tyrosine Phosphatase Sigma (RPTP- β) Increases pro-MMP Activity in a Trabecular Meshwork Cell Line Following Oxidative Stress Conditions. , 2015, 56, 5720.		2