Viktor Drel

List of Publications by Year in descending order

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257450 377865 2,371 35 24 34 citations h-index g-index papers 37 37 37 2530 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	The Leptin-Deficient (ob/ob) Mouse: A New Animal Model of Peripheral Neuropathy of Type 2 Diabetes and Obesity. Diabetes, 2006, 55, 3335-3343.	0.6	233
2	High-Fat Diet–Induced Neuropathy of Pre-Diabetes and Obesity. Diabetes, 2007, 56, 2598-2608.	0.6	226
3	Oxidative-Nitrosative Stress and Poly(ADP-Ribose) Polymerase (PARP) Activation in Experimental Diabetic Neuropathy: The Relation Is Revisited. Diabetes, 2005, 54, 3435-3441.	0.6	201
4	Cannabidiol attenuates high glucose-induced endothelial cell inflammatory response and barrier disruption. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H610-H619.	3.2	168
5	Poly(ADP-Ribose) Polymerase Inhibition Alleviates Experimental Diabetic Sensory Neuropathy. Diabetes, 2006, 55, 1686-1694.	0.6	137
6	Role of nitrosative stress in early neuropathy and vascular dysfunction in streptozotocin-diabetic rats. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E1645-E1655.	3.5	107
7	PARP inhibition or gene deficiency counteracts intraepidermal nerve fiber loss and neuropathic pain in advanced diabetic neuropathy. Free Radical Biology and Medicine, 2008, 44, 972-981.	2.9	102
8	Aldose reductase inhibition counteracts nitrosative stress and poly(ADP-ribose) polymerase activation in diabetic rat kidney and high-glucose-exposed human mesangial cells. Free Radical Biology and Medicine, 2006, 40, 1454-1465.	2.9	88
9	A peroxynitrite decomposition catalyst counteracts sensory neuropathy in streptozotocin-diabetic mice. European Journal of Pharmacology, 2007, 569, 48-58.	3.5	86
10	Baicalein alleviates diabetic peripheral neuropathy through inhibition of oxidative–nitrosative stress and p38 MAPK activation. Experimental Neurology, 2011, 230, 106-113.	4.1	84
11	Early diabetes-induced biochemical changes in the retina: comparison of rat and mouse models. Diabetologia, 2006, 49, 2525-2533.	6.3	83
12	Nicotinamide Reverses Neurological and Neurovascular Deficits in Streptozotocin Diabetic Rats. Journal of Pharmacology and Experimental Therapeutics, 2007, 320, 458-464.	2.5	81
13	New Therapeutic and Biomarker Discovery for Peripheral Diabetic Neuropathy: PARP Inhibitor, Nitrotyrosine, and Tumor Necrosis Factor-α. Endocrinology, 2010, 151, 2547-2555.	2.8	77
14	PARP inhibition alleviates diabetes-induced systemic oxidative stress and neural tissue 4-hydroxynonenal adduct accumulation: Correlation with peripheral nerve function. Free Radical Biology and Medicine, 2011, 50, 1400-1409.	2.9	76
15	Low-Dose Poly(ADP-Ribose) Polymerase Inhibitor-Containing Combination Therapies Reverse Early Peripheral Diabetic Neuropathy. Diabetes, 2005, 54, 1514-1522.	0.6	73
16	Nitrosative stress and peripheral diabetic neuropathy in leptin-deficient (ob/ob) mice. Experimental Neurology, 2007, 205, 425-436.	4.1	61
17	Poly(ADP-Ribose)Polymerase Inhibition Counteracts Cataract Formation and Early Retinal Changes in Streptozotocin-Diabetic Rats., 2009, 50, 1778.		60
18	Pathophysiology of gadolinium-associated systemic fibrosis. American Journal of Physiology - Renal Physiology, 2016, 311, F1-F11.	2.7	57

#	Article	IF	Citations
19	Role of 12/15-lipoxygenase in nitrosative stress and peripheral prediabetic and diabetic neuropathies. Free Radical Biology and Medicine, 2010, 49, 1036-1045.	2.9	49
20	Different Roles of 12/15-Lipoxygenase in Diabetic Large and Small Fiber Peripheral and Autonomic Neuropathies. American Journal of Pathology, 2010, 177, 1436-1447.	3.8	46
21	Poly(ADP-ribose)polymerase inhibition counteracts renal hypertrophy and multiple manifestations of peripheral neuropathy in diabetic Akita mice. International Journal of Molecular Medicine, 2011, 28, 629-35.	4.0	36
22	Poly(ADP-ribose) polymerase (PARP) inhibition counteracts multiple manifestations of kidney disease in long-term streptozotocin-diabetic rat model. Biochemical Pharmacology, 2010, 79, 1007-1014.	4.4	35
23	Protective effects of polyphenolics in red wine on diabetes associated oxidative/nitrative stress in streptozotocinâ€diabetic rats. Cell Biology International, 2010, 34, 1147-1153.	3.0	32
24	Nitrosylated Proteins in Monocytes as a new Marker of Oxidative-Nitrosative Stress in Diabetic Subjects with Macroangiopathy. Experimental and Clinical Endocrinology and Diabetes, 2009, 117, 72-77.	1.2	30
25	Peripheral neuropathy in mice with neuronal nitric oxide synthase gene deficiency. International Journal of Molecular Medicine, 2009, 23, 571-80.	4.0	30
26	Poly(Adenosine 5′-Diphosphate-Ribose) Polymerase Inhibition Counteracts Multiple Manifestations of Experimental Type 1 Diabetic Nephropathy. Endocrinology, 2009, 150, 5273-5283.	2.8	24
27	Multiple Domains of Ruk/CIN85/SETA/CD2BP3 are Involved in Interaction with p85α Regulatory Subunit of PI 3-kinase. Journal of Molecular Biology, 2004, 343, 1135-1146.	4.2	22
28	12/15-Lipoxygenase inhibition counteracts MAPK phosphorylation in mouse and cell culture models of diabetic peripheral neuropathy. Journal of Diabetes Mellitus, 2013, 03, 101-110.	0.3	16
29	Centrality of bone marrow in the severity of gadoliniumâ€based contrastâ€induced systemic fibrosis. FASEB Journal, 2016, 30, 3026-3038.	0.5	14
30	Na+/H+-exchanger-1 inhibition counteracts diabetic cataract formation and retinal oxidative-nitrative stress and apoptosis. International Journal of Molecular Medicine, 2012, 29, 989-98.	4.0	13
31	Nephrogenic Systemic Fibrosis Is Mediated by Myeloid C-C Chemokine Receptor 2. Journal of Investigative Dermatology, 2019, 139, 2134-2143.e2.	0.7	13
32	Main mechanisms of the initiation and development of diabetic complications: the role of nitrative stress. Studia Biologica = ĐʻІОлОГІЧĐІ Đ¡Đ¢Đ£Đ"ІЇ Studia Biologica, 2010, 4, 141-158.	0.4	5
33	The antioxidant effect of natural polyphenolic complexes of grape wine in the rat retina under streptozotocin-induced diabetes mellitus. Studia Biologica = ĐʻІОЛОГІЧĐІ Đ¡Đ¢Đ£Đ"ІЇ Studia Biol	0.4 ogića, 20	1 ⁴ , 5, 61-72
34	Adaptor protein Ruk1 forms protein-protein complexes with endonuclease activity in HEK293 cells. Biochemistry (Moscow), 2003, 68, 810-815.	1.5	1
35	Nephroprotective effect of grape wine in the rat with experimental diabetes mellitus. Studia Biologica = БІОЛОГІЧĐІ Đ¡Đ¢Đ£Đ"ІЇ Studia Biologica, 2009, 3, 59-68.	0.4	1