

Valery N Bochkov

List of Publications by Year in descending order

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101496

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#	ARTICLE	IF	CITATIONS
1	Characterization of Constituents with Potential Anti-Inflammatory Activity in Chinese Lonicera Species by UHPLC-HRMS Based Metabolite Profiling. <i>Metabolites</i> , 2022, 12, 288.	1.3	3
2	Oxidized phospholipids on alkyl-amide scaffold demonstrate anti-endotoxin and endothelial barrier-protective properties. <i>Free Radical Biology and Medicine</i> , 2021, 174, 264-271.	1.3	4
3	Gain of function mechanisms triggering biological effects of oxidized phospholipids. <i>Current Opinion in Toxicology</i> , 2020, 20-21, 85-94.	2.6	3
4	OxPLsâ€œMasking/Degradation Immune Assay: An â€œAllâ€œIncludedâ€œAnalysis of Mechanisms Detoxifying Oxidized Phospholipids. <i>European Journal of Lipid Science and Technology</i> , 2019, 121, 1800511.	1.0	2
5	Analysis of fragmented oxidized phosphatidylcholines in human plasma using mass spectrometry: Comparison with immune assays. <i>Free Radical Biology and Medicine</i> , 2019, 144, 167-175.	1.3	11
6	C13 Megastigmane Derivatives From <i>Epipremnum pinnatum</i> : Î²-Damascenone Inhibits the Expression of Pro-Inflammatory Cytokines and Leukocyte Adhesion Molecules as Well as NF-Î²B Signaling. <i>Frontiers in Pharmacology</i> , 2019, 10, 1351.	1.6	8
7	A novel role for NUPR1 in the keratinocyte stress response to UV oxidized phospholipids. <i>Redox Biology</i> , 2019, 20, 467-482.	3.9	32
8	Elevated truncated oxidized phospholipids as a factor exacerbating ALI in the aging lungs. <i>FASEB Journal</i> , 2019, 33, 3887-3900.	0.2	24
9	Incorporation of iloprost in phospholipase-resistant phospholipid scaffold enhances its barrier protective effects on pulmonary endothelium. <i>Scientific Reports</i> , 2018, 8, 879.	1.6	16
10	Antitumoral and anti-inflammatory activities of the red alga <i>Sphaerococcus coronopifolius</i> . <i>European Journal of Integrative Medicine</i> , 2018, 18, 66-74.	0.8	8
11	Oxidized phospholipids stimulate production of stem cell factor via NRF2-dependent mechanisms. <i>Angiogenesis</i> , 2018, 21, 229-236.	3.7	4
12	Unbiased Identification of Proteins Covalently Modified by Complex Mixtures of Peroxidized Lipids Using a Combination of Electrophoretic Mobility Band Shift with Mass Spectrometry. <i>Antioxidants</i> , 2018, 7, 116.	2.2	10
13	Inactivation of autophagy leads to changes in sebaceous gland morphology and function. <i>Experimental Dermatology</i> , 2018, 27, 1142-1151.	1.4	27
14	Off-Target Anti-Inflammatory Activity of the P2X7 Receptor Antagonist AZ11645373. <i>Inflammation</i> , 2017, 40, 530-536.	1.7	12
15	Anti-Inflammatory Effects of OxPAPC Involve Endothelial Cellâ€œMediated Generation of LXA4. <i>Circulation Research</i> , 2017, 121, 244-257.	2.0	37
16	Prostaglandin E receptorâ€œ4 receptor mediates endothelial barrierâ€œenhancing and antiâ€œinflammatory effects of oxidized phospholipids. <i>FASEB Journal</i> , 2017, 31, 4187-4202.	0.2	14
17	Pleiotropic effects of oxidized phospholipids. <i>Free Radical Biology and Medicine</i> , 2017, 111, 6-24.	1.3	96
18	Biochemical targets of drugs mitigating oxidative stress via redox-independent mechanisms. <i>Biochemical Society Transactions</i> , 2017, 45, 1225-1252.	1.6	12

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19	Drugs from nature targeting inflammation (DNTI): a successful Austrian interdisciplinary network project. <i>Monatshefte für Chemie</i> , 2016, 147, 479-491.	0.9	22
20	Novel immune assay for quantification of plasma protective capacity against oxidized phospholipids. <i>Biomarkers in Medicine</i> , 2016, 10, 797-810.	0.6	5
21	Hormetic and anti-inflammatory properties of oxidized phospholipids. <i>Molecular Aspects of Medicine</i> , 2016, 49, 78-90.	2.7	37
22	Nrf2 deficiency causes lipid oxidation, inflammation, and matrix-protease expression in DHA-supplemented and UVA-irradiated skin fibroblasts. <i>Free Radical Biology and Medicine</i> , 2015, 88, 439-451.	1.3	33
23	Discovery and resupply of pharmacologically active plant-derived natural products: A review. <i>Biotechnology Advances</i> , 2015, 33, 1582-1614.	6.0	1,871
24	12/15-lipoxygenase-mediated enzymatic lipid oxidation regulates DC maturation and function. <i>Journal of Clinical Investigation</i> , 2015, 125, 1944-1954.	3.9	77
25	GRP78 is a novel receptor initiating a vascular barrier protective response to oxidized phospholipids. <i>Molecular Biology of the Cell</i> , 2014, 25, 2006-2016.	0.9	49
26	Plant extracts in cell-based anti-inflammatory assays—Pitfalls and considerations related to removal of activity masking bulk components. <i>Phytochemistry Letters</i> , 2014, 10, xli-xlvii.	0.6	6
27	A8.15...Enzymatic lipid oxidation by 12/15-lipoxygenase regulates maturation and function of dendritic cells. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, A82.1-A82.	0.5	0
28	Oxidised phospholipids as biomarkers in human disease. <i>Swiss Medical Weekly</i> , 2014, 144, w14037.	0.8	16
29	Retinal pigment epithelium cells produce VEGF in response to oxidized phospholipids through mechanisms involving ATF4 and protein kinase CK2. <i>Experimental Eye Research</i> , 2013, 116, 177-184.	1.2	25
30	Autophagy Is Induced by UVA and Promotes Removal of Oxidized Phospholipids and Protein Aggregates in Epidermal Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2013, 133, 1629-1637.	0.3	116
31	WAVE1 mediates suppression of phagocytosis by phospholipid-derived DAMPs. <i>Journal of Clinical Investigation</i> , 2013, 123, 3014-3024.	3.9	21
32	A simplified procedure for semi-targeted lipidomic analysis of oxidized phosphatidylcholines induced by UVA irradiation. <i>Journal of Lipid Research</i> , 2012, 53, 1232-1242.	2.0	71
33	12/15-lipoxygenase orchestrates the clearance of apoptotic cells and maintains immunologic tolerance. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A37.2-A37.	0.5	0
34	Targeted profiling of atherogenic phospholipids in human plasma and lipoproteins of hyperlipidemic patients using MALDI-QIT-TOF-MS/MS. <i>Atherosclerosis</i> , 2012, 224, 177-186.	0.4	78
35	Permissive role of miR-663 in induction of VEGF and activation of the ATF4 branch of unfolded protein response in endothelial cells by oxidized phospholipids. <i>Atherosclerosis</i> , 2012, 225, 50-55.	0.4	38
36	12/15-Lipoxygenase Orchestrates the Clearance of Apoptotic Cells and Maintains Immunologic Tolerance. <i>Immunity</i> , 2012, 36, 834-846.	6.6	204

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37	12/15-lipoxygenase orchestrates the clearance of apoptotic cells and maintains immunological tolerance. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, A41-A41.	0.5	0
38	Involvement of CK2 in activation of electrophilic genes in endothelial cells by oxidized phospholipids. <i>Journal of Lipid Research</i> , 2011, 52, 98-103.	2.0	25
39	Generation and Biological Activities of Oxidized Phospholipids. <i>Antioxidants and Redox Signaling</i> , 2010, 12, 1009-1059.	2.5	461
40	Oxidized Phospholipids Regulate Expression of ATF4 and VEGF in Endothelial Cells via NRF2-Dependent Mechanism: Novel Point of Convergence Between Electrophilic and Unfolded Protein Stress Pathways. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1007-1013.	1.1	127
41	Oxidized Phospholipids Are More Potent Antagonists of Lipopolysaccharide than Inducers of Inflammation. <i>Journal of Immunology</i> , 2010, 185, 7706-7712.	0.4	110
42	Analysis of Oxidized Phospholipids by MALDI Mass Spectrometry Using 6-Aza-2-thiothymine Together with Matrix Additives and Disposable Target Surfaces. <i>Analytical Chemistry</i> , 2010, 82, 5502-5510.	3.2	50
43	Multi-Hit Inhibition of Circulating and Cell-Associated Components of the Toll-Like Receptor 4 Pathway by Oxidized Phospholipids. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 356-362.	1.1	88
44	Cytoplasmic Proteome and Secretome Profiles of Differently Stimulated Human Dendritic Cells. <i>Journal of Proteome Research</i> , 2009, 8, 2799-2811.	1.8	48
45	Epigenetic regulation of dendritic cell differentiation and function by oxidized phospholipids. <i>Blood</i> , 2009, 114, 5481-5489.	0.6	40
46	Oxidized phospholipids induce anergy in human peripheral blood T cells. <i>European Journal of Immunology</i> , 2008, 38, 778-787.	1.6	31
47	Oxidized phospholipids reduce ventilator-induced vascular leak and inflammation in vivo. <i>Critical Care</i> , 2008, 12, R27.	2.5	65
48	The Oxidation State of Phospholipids Controls the Oxidative Burst in Neutrophil Granulocytes. <i>Journal of Immunology</i> , 2008, 181, 4347-4353.	0.4	34
49	Nrf2 Regulates Antioxidant Gene Expression Evoked by Oxidized Phospholipids in Endothelial Cells and Murine Arteries In Vivo. <i>Circulation Research</i> , 2008, 103, e1-9.	2.0	121
50	ATF4-dependent transcription is a key mechanism in VEGF up-regulation by oxidized phospholipids: critical role of oxidized sn-2 residues in activation of unfolded protein response. <i>Blood</i> , 2008, 112, 330-339.	0.6	97
51	Photooxidation Generates Biologically Active Phospholipids That Induce Heme Oxygenase-1 in Skin Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 16934-16941.	1.6	52
52	Expression of Heme Oxygenase-1 in Human Vascular Cells Is Regulated by Peroxisome Proliferator-Activated Receptors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1276-1282.	1.1	201
53	Polar head groups are important for barrier-protective effects of oxidized phospholipids on pulmonary endothelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L924-L935.	1.3	64
54	Signaling pathways involved in OxPAPC-induced pulmonary endothelial barrier protection. <i>Microvascular Research</i> , 2007, 73, 173-181.	1.1	45

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55	Immune therapy for regression of atherosclerotic lesions. Expert Opinion on Therapeutic Patents, 2007, 17, 1197-1199.	2.4	0
56	Inflammatory profile of oxidized phospholipids. Thrombosis and Haemostasis, 2007, 97, 348-354.	1.8	68
57	Inflammatory profile of oxidized phospholipids. Thrombosis and Haemostasis, 2007, 97, 348-54.	1.8	29
58	Oxidized Phospholipids Reduce Vascular Leak and Inflammation in Rat Model of Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 1130-1138.	2.5	121
59	Oxidized Phospholipids Stimulate Angiogenesis Via Autocrine Mechanisms, Implicating a Novel Role for Lipid Oxidation in the Evolution of Atherosclerotic Lesions. Circulation Research, 2006, 99, 900-908.	2.0	134
60	Oxidized Phospholipids Trigger Atherogenic Inflammation in Murine Arteries. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 633-638.	1.1	138
61	Oxidized Phospholipids Negatively Regulate Dendritic Cell Maturation Induced by TLRs and CD40. Journal of Immunology, 2005, 175, 501-508.	0.4	114
62	Apoptotic Microparticles Derived from Endothelial Cells, Smooth Muscle Cells and Monocytes Induce Thrombin Generation Via Different Pathways.. Blood, 2005, 106, 1944-1944.	0.6	0
63	Phosphatidylserine and Oxidized Phosphatidylethanolamine Interact with Protein C Inhibitor (PCI) and Modify Its Activity.. Blood, 2005, 106, 1026-1026.	0.6	0
64	Epoxycyclopentenone-Containing Oxidized Phospholipids Restore Endothelial Barrier Function via Cdc42 and Rac. Circulation Research, 2004, 95, 892-901.	2.0	146
65	Anti-inflammatory properties of lipid oxidation products. Journal of Molecular Medicine, 2003, 81, 613-626.	1.7	73
66	Oxidized Phospholipids Induce Expression of Human Heme Oxygenase-1 Involving Activation of cAMP-responsive Element-binding Protein. Journal of Biological Chemistry, 2003, 278, 51006-51014.	1.6	169
67	Redox Regulation of Endothelial Function. Antioxidants and Redox Signaling, 2003, 5, 145-146.	2.5	1
68	Oxidized phospholipids stimulate tissue factor expression in human endothelial cells via activation of ERK/EGR-1 and Ca ⁺⁺ /NFAT. Blood, 2002, 99, 199-206.	0.6	185
69	Analysis of inflammatory gene induction by oxidized phospholipids in vivo by quantitative real-time RT-PCR in comparison with effects of LPS. Vascular Pharmacology, 2002, 38, 219-227.	1.0	90
70	Protective role of phospholipid oxidation products in endotoxin-induced tissue damage. Nature, 2002, 419, 77-81.	13.7	365
71	The isoprostane 8-iso-PGF ₂ ±stimulates endothelial cells to bind monocytes: difference to thromboxane-mediated endothelial activation. FASEB Journal, 2001, 15, 1254-1256.	0.2	64