

# Leszek Kalinowski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/408986/publications.pdf>

Version: 2024-02-01

112  
papers

3,230  
citations

201674

27  
h-index

175258

52  
g-index

115  
all docs

115  
docs citations

115  
times ranked

4544  
citing authors

#	ARTICLE	IF	CITATIONS
1	Procognitive activity of nitric oxide inhibitors and donors in animal models. Nitric Oxide - Biology and Chemistry, 2022, 119, 29-40.	2.7	6
2	The Brain-Skin Axis in Psoriasis Psychological, Psychiatric, Hormonal, and Dermatological Aspects. International Journal of Molecular Sciences, 2022, 23, 669.	4.1	34
3	Multispectral Imaging Using Fluorescent Properties of Indocyanine Green and Methylene Blue in Colorectal Surgery Initial Experience. Journal of Clinical Medicine, 2022, 11, 368.	2.4	14
4	The role of occlusion and micro-incontinence in the pathogenesis of penile lichen sclerosus: an observational study of pro-inflammatory cytokines gene expression. International Urology and Nephrology, 2022, 54, 763-772.	1.4	4
5	Molecular Imaging and Nanotechnology Emerging Tools in Diagnostics and Therapy. International Journal of Molecular Sciences, 2022, 23, 2658.	4.1	12
6	Chronic Plaque Psoriasis in Poland: Disease Severity, Prevalence of Comorbidities, and Quality of Life. Journal of Clinical Medicine, 2022, 11, 1254.	2.4	9
7	Methylene Blue Near-Infrared Fluorescence Imaging in Breast Cancer Sentinel Node Biopsy. Cancers, 2022, 14, 1817.	3.7	5
8	Higher platelet counts correlate to tumour progression and can be induced by intratumoural stroma in non-metastatic breast carcinomas. British Journal of Cancer, 2022, 126, 464-471.	6.4	5
9	Quality Control of Bacterial Extracellular Vesicles with Total Protein Content Assay, Nanoparticles Tracking Analysis, and Capillary Electrophoresis. International Journal of Molecular Sciences, 2022, 23, 4347.	4.1	10
10	Genetic and pharmacologic proteasome augmentation ameliorates Alzheimer's-like pathology in mouse and fly APP overexpression models. Science Advances, 2022, 8, .	10.3	20
11	The Analysis of a Genome-Wide Association Study (GWAS) of Overweight and Obesity in Psoriasis. International Journal of Molecular Sciences, 2022, 23, 7396.	4.1	8
12	Modulation of dermal equivalent of hypothalamus-pituitary-adrenal axis in mastocytosis. Postepy Dermatologii i Alergologii, 2021, 38, 461-472.	0.9	4
13	Regulation of mitochondrial dynamics in 2-methoxyestradiol-mediated osteosarcoma cell death. Scientific Reports, 2021, 11, 1616.	3.3	7
14	A Challenge for Allergologist: Application of Allergy Diagnostic Methods in Mast Cell Disorders. International Journal of Molecular Sciences, 2021, 22, 1454.	4.1	8
15	Molecular Background, Clinical Features and Management of Pediatric Mastocytosis: Status 2021. International Journal of Molecular Sciences, 2021, 22, 2586.	4.1	38
16	Mediator-Related Symptoms and Anaphylaxis in Children with Mastocytosis. International Journal of Molecular Sciences, 2021, 22, 2684.	4.1	23
17	Epigenetic Changes in Neoplastic Mast Cells and Potential Impact in Mastocytosis. International Journal of Molecular Sciences, 2021, 22, 2964.	4.1	6
18	Molecularly targeted nanoparticles: an emerging tool for evaluation of expression of the receptor for advanced glycation end products in a murine model of peripheral artery disease. Cellular and Molecular Biology Letters, 2021, 26, 10.	7.0	5

#	ARTICLE	IF	CITATIONS
19	Inflammatory response to a marathon run in amateur athletes. <i>European Journal of Translational and Clinical Medicine</i> , 2021, 4, 43-49.	0.1	1
20	Mitochondrial DNA copy number and trimethylamine levels in the blood: New insights on cardiovascular disease biomarkers. <i>FASEB Journal</i> , 2021, 35, e21694.	0.5	16
21	Nitric Oxide-Dependent Pathways as Critical Factors in the Consequences and Recovery after Brain Ischemic Hypoxia. <i>Biomolecules</i> , 2021, 11, 1097.	4.0	37
22	Endothelial Dysfunction Driven by Hypoxia—The Influence of Oxygen Deficiency on NO Bioavailability. <i>Biomolecules</i> , 2021, 11, 982.	4.0	46
23	Analysis of the Potential Genetic Links between Psoriasis and Cardiovascular Risk Factors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9063.	4.1	14
24	Serotonergic—Muscarinic Interaction within the Prefrontal Cortex as a Novel Target to Reverse Schizophrenia-Related Cognitive Symptoms. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8612.	4.1	8
25	Comprehensive Review of Fluorescence Applications in Gynecology. <i>Journal of Clinical Medicine</i> , 2021, 10, 4387.	2.4	7
26	Neurochemical changes underlying cognitive impairment in olfactory bulbectomized rats and the impact of the mGlu5-positive allosteric modulator CDPPB. <i>Brain Research</i> , 2021, 1768, 147577.	2.2	4
27	Significance of interleukin-31 (IL-31) gene polymorphisms and IL-31 serum level in psoriasis in correlation with pruritus. <i>Postepy Dermatologii I Alergologii</i> , 2021, 38, 657-664.	0.9	7
28	Low Tumor-to-Stroma Ratio Reflects Protective Role of Stroma against Prostate Cancer Progression. <i>Journal of Personalized Medicine</i> , 2021, 11, 1088.	2.5	3
29	Nitric Oxide-Dependent Mechanisms Underlying MK-801- or Scopolamine-Induced Memory Dysfunction in Animals: Mechanistic Studies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12282.	4.1	6
30	The Effects of Vitamin D on the Expression of IL-33 and Its Receptor ST2 in Skin Cells; Potential Implication for Psoriasis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12907.	4.1	8
31	Assessing quality of life in patients with mastocytosis: development of the disease-specific questionnaire. <i>Postepy Dermatologii I Alergologii</i> , 2021, 38, 1044-1051.	0.9	3
32	-2518A/G polymorphism of monocyte chemoattractant protein 1 (MCP-1/CCL2) is associated with cutaneous mastocytosis. <i>Postepy Dermatologii I Alergologii</i> , 2021, 38, 1039-1043.	0.9	0
33	Imaging the Landmarks of Vascular Recovery. <i>Theranostics</i> , 2020, 10, 1733-1745.	10.0	8
34	Simultaneous activation of mGlu2 and muscarinic receptors reverses MK-801-induced cognitive decline in rodents. <i>Neuropharmacology</i> , 2020, 174, 107866.	4.1	11
35	Genome-wide mRNA profiling identifies <i>RCAN1</i> and <i>GADD45A</i> as regulators of the transitional switch from survival to apoptosis during ER stress. <i>FEBS Journal</i> , 2020, 287, 2923-2947.	4.7	27
36	Gender-Related Differences in Trimethylamine and Oxidative Blood Biomarkers in Cardiovascular Disease Patients. <i>Biomedicines</i> , 2020, 8, 238.	3.2	6

#	ARTICLE	IF	CITATIONS
37	Results from a Genome-Wide Association Study (GWAS) in Mastocytosis Reveal New Gene Polymorphisms Associated with WHO Subgroups. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5506.	4.1	10
38	Pathogenesis of psoriasis in the "omicron" era. Part II. Genetic, genomic and epigenetic changes in psoriasis. <i>Postepy Dermatologii I Alergologii</i> , 2020, 37, 283-298.	0.9	29
39	Pathogenesis of psoriasis in the "omicron" era. Part III. Metabolic disorders, metabolomics, nutrigenomics in psoriasis in psoriasis. <i>Postepy Dermatologii I Alergologii</i> , 2020, 37, 452-467.	0.9	26
40	Genetic and Epigenetic Aspects of Atopic Dermatitis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6484.	4.1	54
41	Trimethylamine N-oxide and the reverse cholesterol transport in cardiovascular disease: a cross-sectional study. <i>Scientific Reports</i> , 2020, 10, 18675.	3.3	29
42	Pathogenesis of psoriasis in the "omicron" era. Part I. Epidemiology, clinical manifestation, immunological and neuroendocrine disturbances. <i>Postepy Dermatologii I Alergologii</i> , 2020, 37, 135-153.	0.9	28
43	Quantitative imaging of the receptor for advanced glycation end-products in prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2562-2576.	6.4	13
44	Modification of DNA structure by reactive nitrogen species as a result of 2-methoxyestradiol-induced neuronal nitric oxide synthase uncoupling in metastatic osteosarcoma cells. <i>Redox Biology</i> , 2020, 32, 101522.	9.0	10
45	How to diagnose Mast Cell Activation Syndrome? Practical considerations. <i>Polish Archives of Internal Medicine</i> , 2020, 130, 317-323.	0.4	4
46	New Approach to Paediatric Mastocytosis: Implications of KIT D816V Mutation Detection in Peripheral Blood. <i>Acta Dermato-Venereologica</i> , 2020, 100, adv00149.	1.3	14
47	Reversal of MK-801-Induced Disruptions in Social Interactions and Working Memory with Simultaneous Administration of LY487379 and VU152100 in Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2781.	4.1	14
48	A different methylation profile of circadian genes promoter in breast cancer patients according to clinicopathological features. <i>Chronobiology International</i> , 2019, 36, 1103-1114.	2.0	10
49	Circadian Gene Polymorphisms Associated with Breast Cancer Susceptibility. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5704.	4.1	17
50	NF-kappa B Signaling-Related Signatures Are Connected with the Mesenchymal Phenotype of Circulating Tumor Cells in Non-Metastatic Breast Cancer. <i>Cancers</i> , 2019, 11, 1961.	3.7	18
51	Mast cells in mastocytosis and allergy " Important player in metabolic and immunological homeostasis. <i>Advances in Medical Sciences</i> , 2019, 64, 124-130.	2.1	13
52	Simultaneous activation of muscarinic and GABAB receptors as a bidirectional target for novel antipsychotics. <i>Behavioural Brain Research</i> , 2019, 359, 671-685.	2.2	14
53	Evaluation of a dimeric-cRGD peptide for targeted PET-CT imaging of peripheral angiogenesis in diabetic mice. <i>Scientific Reports</i> , 2018, 8, 5401.	3.3	10
54	Multimodal imaging of the receptor for advanced glycation end-products with molecularly targeted nanoparticles. <i>Theranostics</i> , 2018, 8, 5012-5024.	10.0	29

#	ARTICLE	IF	CITATIONS
55	Altered circadian genes expression in breast cancer tissue according to the clinical characteristics. PLoS ONE, 2018, 13, e0199622.	2.5	49
56	Presence of Chlamydomydia pneumoniae DNA in blood cells is a frequent event in patients with the late stage of primary cutaneous lymphomas and with atopic dermatitis. Postepy Dermatologii I Alergologii, 2018, 35, 274-279.	0.9	1
57	eNOS expression and NO release during hypoxia is inhibited by miR-200b in human endothelial cells. Angiogenesis, 2018, 21, 711-724.	7.2	50
58	The Possible Role of Gene Variant Coding Nonfunctional Toll-Like Receptor 2 in the Pathogenesis of Mastocytosis. International Archives of Allergy and Immunology, 2018, 177, 80-86.	2.1	6
59	Organization of BBMRI.pl: The Polish Biobanking Network. Biopreservation and Biobanking, 2017, 15, 264-269.	1.0	23
60	Synthesis, Chemical Characterization and Multiscale Biological Evaluation of a Dimeric-cRGD Peptide for Targeted Imaging of $\alpha V \beta 3$ Integrin Activity. Scientific Reports, 2017, 7, 3185.	3.3	18
61	The significance of Toll-like receptor (TLR) 2 and 9 gene polymorphisms in psoriasis. Postepy Dermatologii I Alergologii, 2017, 1, 85-86.	0.9	11
62	The role of serum tryptase in the diagnosis and monitoring of pediatric mastocytosis: a single-center experience. Postepy Dermatologii I Alergologii, 2017, 4, 306-312.	0.9	16
63	The role of regulatory T cells and genes involved in their differentiation in pathogenesis of selected inflammatory and neoplastic skin diseases. Part I: Treg properties and functions. Postepy Dermatologii I Alergologii, 2017, 4, 285-294.	0.9	20
64	High prevalence of carriers of variant c.1528G>C of HADHA gene causing long-chain 3-hydroxyacyl-CoA dehydrogenase deficiency (LCHADD) in the population of adult Kashubians from North Poland. PLoS ONE, 2017, 12, e0187365.	2.5	13
65	The impact of the Polish mass breast cancer screening program on prognosis in the Pomeranian Province. Archives of Medical Science, 2017, 2, 441-447.	0.9	7
66	The role of regulatory T cells and genes involved in their differentiation in pathogenesis of selected inflammatory and neoplastic skin diseases. Part II: The Treg role in skin diseases pathogenesis. Postepy Dermatologii I Alergologii, 2017, 5, 405-417.	0.9	32
67	The role of regulatory T cells and genes involved in their differentiation in pathogenesis of selected inflammatory and neoplastic skin diseases. Part III: Polymorphisms of genes involved in Tregs <sup>TM</sup> activation and function. Postepy Dermatologii I Alergologii, 2017, 34, 517-525.	0.9	8
68	Interleukin-31 Polymorphisms and Serum IL-31 Level in Patients with Mastocytosis: Correlation with Clinical Presentation and Pruritus. Acta Dermato-Venereologica, 2017, 97, 47-53.	1.3	24
69	Cadmium, arsenic, selenium and iron <sup>2+</sup> Implications for tumor progression in breast cancer. Environmental Toxicology and Pharmacology, 2017, 53, 151-157.	4.0	54
70	Malondialdehyde and nitrotyrosine as markers of peroxynitrite activity in sarcoidosis. , 2017, , .		0
71	Diagnosis of Mastocytosis in Children and Adults in Daily Clinical Practice. Acta Dermato-Venereologica, 2016, 96, 292-297.	1.3	20
72	Posttranscriptional and transcriptional regulation of endothelial nitric-oxide synthase during hypoxia: the role of microRNAs. Cellular and Molecular Biology Letters, 2016, 21, 16.	7.0	40

#	ARTICLE	IF	CITATIONS
73	The Role of TRAF4 and B3GAT1 Gene Expression in the Food Hypersensitivity and Insect Venom Allergy in Mastocytosis. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2016, 64, 497-503.	2.3	9
74	miR-429 regulates the transition between Hypoxia-Inducible Factor (HIF)1A and HIF3A expression in human endothelial cells. <i>Scientific Reports</i> , 2016, 6, 22775.	3.3	55
75	Activity profiling of aminopeptidases in cell lysates using a fluorogenic substrate library. <i>Biochimie</i> , 2016, 122, 31-37.	2.6	15
76	A systematic review and meta-analysis of the effect of statins on plasma asymmetric dimethylarginine concentrations. <i>Scientific Reports</i> , 2015, 5, 9902.	3.3	133
77	â€œ308 G/Aâ€TNF-â€ gene polymorphism influences the course of basal cell carcinoma in aâ€Polish population. <i>Archives of Medical Science</i> , 2015, 3, 599-604.	0.9	8
78	A systematic review and meta-analysis on the effect of statins on plasma asymmetric dimethylarginine concentrations. <i>Atherosclerosis</i> , 2015, 241, e199.	0.8	0
79	Peroxynitrite in Sarcoidosis: Relation to Mycobacterium Stationary Phase. <i>Advances in Experimental Medicine and Biology</i> , 2015, 866, 41-49.	1.6	6
80	Risk factors for anaphylaxis in patients with mastocytosis. <i>Polish Archives of Internal Medicine</i> , 2015, 125, 46-53.	0.4	10
81	Chemokines and cytokines network in the pathogenesis of the inflammatory skin diseases: atopic dermatitis, psoriasis and skin mastocytosis. <i>Postepy Dermatologii I Alergologii</i> , 2014, 2, 84-91.	0.9	239
82	Is mycobacterial heat shock protein 16kDa, a marker of the dormant stage of Mycobacterium tuberculosis, a sarcoid antigen?. <i>Human Immunology</i> , 2013, 74, 45-51.	2.4	35
83	Endothelial dysfunction in arteries from patients with induced hyperhomocysteinemia is associated with eNOS-mediated nitrooxidative stress. <i>European Heart Journal</i> , 2013, 34, P5695-P5695.	2.2	1
84	Nitric Oxide Production and Endothelium-Dependent Vasorelaxation Ameliorated by <i>N</i> <sup>1</sup> -Methylnicotinamide in Human Blood Vessels. <i>Hypertension</i> , 2012, 59, 825-832.	2.7	41
85	Molecular Imaging of Left Ventricular Remodeling. <i>Current Cardiovascular Imaging Reports</i> , 2012, 5, 188-197.	0.6	0
86	Mastocytosis in children and adults: clinical disease heterogeneity. <i>Archives of Medical Science</i> , 2012, 8, 533-41.	0.9	26
87	Analysis of angiogenesis induced by local IGF-1 expression after myocardial infarction using microSPECT-CT imaging. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 48, 1071-1079.	1.9	62
88	Novel Options for the Pharmacological Treatment of Chronic Anal Fissure â€œ Role of Botulin Toxin. <i>Current Clinical Pharmacology</i> , 2009, 4, 47-52.	0.6	26
89	Serial Noninvasive Targeted Imaging of Peripheral Angiogenesis: Validation and Application of a Semiautomated Quantitative Approach. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1356-1363.	5.0	36
90	Elucidating structure-function relationships from molecule-to-cell-to-tissue: from research modalities to clinical realities. <i>Journal of Physiology and Pharmacology</i> , 2009, 60 Suppl 4, 83-93.	1.1	5

#	ARTICLE	IF	CITATIONS
91	Targeted imaging of hypoxia-induced integrin activation in myocardium early after infarction. <i>Journal of Applied Physiology</i> , 2008, 104, 1504-1512.	2.5	39
92	Gp91phox-containing NAD(P)H oxidase increases superoxide formation by doxorubicin and NADPH. <i>Free Radical Biology and Medicine</i> , 2007, 42, 466-473.	2.9	89
93	Nebivolol Reduces Nitroxidative Stress and Restores Nitric Oxide Bioavailability in Endothelium of Black Americans. <i>Circulation</i> , 2005, 112, 3795-3801.	1.6	182
94	S-nitroso Human Serum Albumin Attenuates Ischemia/Reperfusion Injury After Cardioplegic Arrest in Isolated Rabbit Hearts. <i>Journal of Heart and Lung Transplantation</i> , 2005, 24, 2226-2234.	0.6	30
95	Nebivolol improves eNOS function and nitric oxide bioavailability in endothelial cells from African Americans. <i>American Journal of Hypertension</i> , 2005, 18, A181-A181.	2.0	0
96	Race-Specific Differences in Endothelial Function. <i>Circulation</i> , 2004, 109, 2511-2517.	1.6	303
97	Involvement of Rho-kinase in P2Y-receptor-mediated contraction of renal glomeruli. <i>Biochemical and Biophysical Research Communications</i> , 2003, 302, 855-859.	2.1	12
98	Effect of chronic treatment with the vasopeptidase inhibitor AVE 7688 and ramipril on endothelial function in atherogenic diet rabbits. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2003, 4, 191-196.	1.7	7
99	Third-Generation $\beta$ -Blockers Stimulate Nitric Oxide Release From Endothelial Cells Through ATP Efflux. <i>Circulation</i> , 2003, 107, 2747-2752.	1.6	222
100	P1158 Synergistic stimulation of nitric oxide release from human endothelial cells with amlodipine and atorvastatin. <i>European Heart Journal</i> , 2003, 24, 214.	2.2	6
101	Increased Nitric Oxide Bioavailability in Endothelial Cells Contributes to the Pleiotropic Effect of Cerivastatin. <i>Circulation</i> , 2002, 105, 933-938.	1.6	132
102	Angiotensin II AT <sub>1</sub> Receptor Antagonists Inhibit Platelet Adhesion and Aggregation by Nitric Oxide Release. <i>Hypertension</i> , 2002, 40, 521-527.	2.7	128
103	Cerivastatin potentiates nitric oxide release and enos expression through inhibition of isoprenoids synthesis. <i>Journal of Physiology and Pharmacology</i> , 2002, 53, 585-95.	1.1	26
104	Nitric Oxide Measurements during Endotoxemia. <i>Clinical Chemistry</i> , 2001, 47, 1068-1074.	3.2	10
105	Cyclic GMP-dependent relaxation of isolated rat renal glomeruli induced by extracellular ATP. <i>Journal of Physiology</i> , 2001, 530, 123-130.	2.9	18
106	Cicletanine Stimulates Nitric Oxide Release and Scavenges Superoxide in Endothelial Cells. <i>Journal of Cardiovascular Pharmacology</i> , 2001, 37, 713-724.	1.9	22
107	Nitric oxide as a second messenger in parathyroid hormone-related protein signaling. <i>Journal of Endocrinology</i> , 2001, 170, 433-440.	2.6	50
108	Synergistic Antihypertensive Effects of Nifedipine on Endothelium. <i>Hypertension</i> , 2001, 37, 34-39.	2.7	52

#	ARTICLE	IF	CITATIONS
109	The role of P2Y-receptors in the regulation of glomerular volume. Medical Science Monitor, 2001, 7, 635-340.	1.1	7
110	Cicletanine New insights into its pharmacological actions. General Pharmacology, 1999, 33, 7-16.	0.7	8
111	Modulation by low sodium intake of glomerular response to cicletanine and atrial natriuretic factor. British Journal of Pharmacology, 1997, 121, 635-642.	5.4	7
112	Inhibition of cGMP-Phosphodiesterase Restores the Glomerular Effects of Atrial Natriuretic Factor in Low Sodium Diet Rats. Kidney and Blood Pressure Research, 1995, 18, 254-266.	2.0	5