

Geir Björk, y

List of Publications by Year in descending order

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42
papers

11,905
citations

172457

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citing authors

#	ARTICLE	IF	CITATIONS
1	p62/SQSTM1 Binds Directly to Atg8/LC3 to Facilitate Degradation of Ubiquitinated Protein Aggregates by Autophagy. <i>Journal of Biological Chemistry</i> , 2007, 282, 24131-24145.	3.4	3,766
2	p62/SQSTM1 forms protein aggregates degraded by autophagy and has a protective effect on huntingtin-induced cell death. <i>Journal of Cell Biology</i> , 2005, 171, 603-614.	5.2	2,854
3	A Role for NBR1 in Autophagosomal Degradation of Ubiquitinated Substrates. <i>Molecular Cell</i> , 2009, 33, 505-516.	9.7	974
4	Chapter 12 Monitoring Autophagic Degradation of p62/SQSTM1. <i>Methods in Enzymology</i> , 2009, 452, 181-197.	1.0	936
5	FYCO1 is a Rab7 effector that binds to LC3 and PI3P to mediate microtubule plus end-directed vesicle transport. <i>Journal of Cell Biology</i> , 2010, 188, 253-269.	5.2	573
6	Interaction Codes within the Family of Mammalian Phox and Bem1p Domain-containing Proteins. <i>Journal of Biological Chemistry</i> , 2003, 278, 34568-34581.	3.4	332
7	p62/SQSTM1 and ALFY interact to facilitate the formation of p62 bodies/ALIS and their degradation by autophagy. <i>Autophagy</i> , 2010, 6, 330-344.	9.1	296
8	p62/SQSTM1: A Missing Link between Protein Aggregates and the Autophagy Machinery. <i>Autophagy</i> , 2006, 2, 138-139.	9.1	274
9	Autophagic degradation of dBruce controls DNA fragmentation in nurse cells during late <i>Drosophila melanogaster</i> oogenesis. <i>Journal of Cell Biology</i> , 2010, 190, 523-531.	5.2	224
10	Nucleocytoplasmic Shuttling of p62/SQSTM1 and Its Role in Recruitment of Nuclear Polyubiquitinated Proteins to Promyelocytic Leukemia Bodies. <i>Journal of Biological Chemistry</i> , 2010, 285, 5941-5953.	3.4	200
11	A reporter cell system to monitor autophagy based on p62/SQSTM1. <i>Autophagy</i> , 2010, 6, 784-793.	9.1	138
12	Cell death during <i>Drosophila melanogaster</i> early oogenesis is mediated through autophagy. <i>Autophagy</i> , 2009, 5, 298-302.	9.1	124
13	Intracellular and Surface Distribution of Monocyte Tissue Factor. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 1493-1498.	2.4	119
14	Loss of NRF-2 and PGC-1 \pm genes leads to retinal pigment epithelium damage resembling dry age-related macular degeneration. <i>Redox Biology</i> , 2019, 20, 1-12.	9.0	117
15	Phosphorylation of the Transactivation Domain of Pax6 by Extracellular Signal-regulated Kinase and p38 Mitogen-activated Protein Kinase. <i>Journal of Biological Chemistry</i> , 1999, 274, 15115-15126.	3.4	89
16	Cancer cachexia associates with a systemic autophagy-inducing activity mimicked by cancer cell-derived IL-6 trans-signaling. <i>Scientific Reports</i> , 2017, 7, 2046.	3.3	85
17	The marine n-3 PUFA DHA evokes cytoprotection against oxidative stress and protein misfolding by inducing autophagy and NFE2L2 in human retinal pigment epithelial cells. <i>Autophagy</i> , 2015, 11, 1636-1651.	9.1	83
18	Tumor Targeting by β _v β ₃ -Integrin-Specific Lipid Nanoparticles Occurs <i>via</i> Phagocyte Hitchhiking. <i>ACS Nano</i> , 2020, 14, 7832-7846.	14.6	69

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19	Reversion of Ras- and Phosphatidylcholine-hydrolyzing Phospholipase C-mediated Transformation of NIH 3T3 Cells by a Dominant Interfering Mutant of Protein Kinase C β Is Accompanied by the Loss of Constitutive Nuclear Mitogen-activated Protein Kinase/Extracellular Signal-regulated Kinase Activity. <i>Journal of Biological Chemistry</i> , 1997, 272, 11557-11565.	3.4	68
20	Nuclear Import and Export Signals Enable Rapid Nucleocytoplasmic Shuttling of the Atypical Protein Kinase C β . <i>Journal of Biological Chemistry</i> , 2001, 276, 13015-13024.	3.4	62
21	Structure-activity study leading to identification of a highly active thienopyrimidine based EGFR inhibitor. <i>European Journal of Medicinal Chemistry</i> , 2014, 75, 354-374.	5.5	55
22	DHA-induced stress response in human colon cancer cells – Focus on oxidative stress and autophagy. <i>Free Radical Biology and Medicine</i> , 2016, 90, 158-172.	2.9	53
23	N-3 PUFAs induce inflammatory tolerance by formation of KEAP1-containing SQSTM1/p62-bodies and activation of NFE2L2. <i>Autophagy</i> , 2017, 13, 1664-1678.	9.1	43
24	Endocytosis of Secreted Carboxyl Ester Lipase in a Syndrome of Diabetes and Pancreatic Exocrine Dysfunction. <i>Journal of Biological Chemistry</i> , 2014, 289, 29097-29111.	3.4	39
25	Synthesis and in vitro EGFR (ErbB1) tyrosine kinase inhibitory activity of 4-N-substituted 6-aryl-7H-pyrrolo[2,3-d]pyrimidine-4-amines. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 6002-6014.	5.5	32
26	Regulator of Chromosome Condensation 2 Identifies High-Risk Patients within Both Major Phenotypes of Colorectal Cancer. <i>Clinical Cancer Research</i> , 2015, 21, 3759-3770.	7.0	32
27	GREM1 is associated with metastasis and predicts poor prognosis in ER-negative breast cancer patients. <i>Cell Communication and Signaling</i> , 2019, 17, 140.	6.5	32
28	Autocrine activin A signalling in ovarian cancer cells regulates secretion of interleukin 6, autophagy, and cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 195-207.	7.3	31
29	Expression of functional μ -opioid receptors in human osteoarthritic cartilage and chondrocytes. <i>Biochemical and Biophysical Research Communications</i> , 2003, 311, 202-207.	2.1	29
30	The third helix of the homeodomain of paired class homeodomain proteins acts as a recognition helix both for DNA and protein interactions. <i>Nucleic Acids Research</i> , 2005, 33, 2661-2675.	14.5	29
31	Gastrin activates autophagy and increases migration and survival of gastric adenocarcinoma cells. <i>BMC Cancer</i> , 2017, 17, 68.	2.6	29
32	Hydroxychloroquine potentiates carfilzomib toxicity towards myeloma cells. <i>Oncotarget</i> , 2016, 7, 70845-70856.	1.8	29
33	Identification of new 4-N-substituted 6-aryl-7H-pyrrolo[2,3-d]pyrimidine-4-amines as highly potent EGFR-TK inhibitors with Src-family activity. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 59, 69-82.	4.0	23
34	Exercise Reveals Proline Dehydrogenase as a Potential Target in Heart Failure. <i>Progress in Cardiovascular Diseases</i> , 2019, 62, 193-202.	3.1	19
35	Pax6 localizes to chromatin-rich territories and displays a slow nuclear mobility altered by disease mutations. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 4079-4094.	5.4	9
36	Cyclic Arginine-Glycine-Aspartate-Decorated Lipid Nanoparticle Targeting toward Inflammatory Lesions Involves Hitchhiking with Phagocytes. <i>Advanced Science</i> , 2021, 8, 2100370.	11.2	9

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37	NRF2 drives an oxidative stress response predictive of breast cancer. <i>Free Radical Biology and Medicine</i> , 2022, 184, 170-184.	2.9	8
38	A Novel Truncated Form of Nephronectin Is Present in Small Extracellular Vesicles Isolated from 66cl4 Cells. <i>Journal of Proteome Research</i> , 2019, 18, 1237-1247.	3.7	7
39	Treatment with aromatase inhibitors stimulates the expression of epidermal growth factor receptor-1 and neuregulin 1 in ER positive/HER-2/neu non-amplified primary breast cancers. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 165, 228-235.	2.5	6
40	Transforming growth factor- β -inducible early response gene 1 is a novel substrate for atypical protein kinase Cs. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 1953-1968.	5.4	4
41	Extracellular Signal-Regulated Protein Kinase 5 Mediates Resistance of Human Chronic Myeloid Leukemia K562 Cells to Imatinib.. <i>Blood</i> , 2006, 108, 2131-2131.	1.4	4
42	Inflammatory Lesions: Cyclic Arginineâ€“Glycineâ€“Aspartateâ€“Decorated Lipid Nanoparticle Targeting toward Inflammatory Lesions Involves Hitchhiking with Phagocytes (<i>Adv. Sci.</i> 13/2021). <i>Advanced Science</i> , 2021, 8, 2170077.	11.2	0