

Yoe-Sik Bae

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

2,445
citations

185998

28
h-index

233125

45
g-index

83
all docs

83
docs citations

83
times ranked

3024
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting PLD2 in adipocytes augments adaptive thermogenesis by improving mitochondrial quality and quantity in mice. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	5
2	IM156, a new AMPK activator, protects against polymicrobial sepsis. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 3378-3386.	1.6	1
3	Unique characteristics of lung-resident neutrophils are maintained by PGE2/PKA/Tgm2-mediated signaling. <i>Blood</i> , 2022, 140, 889-899.	0.6	12
4	Sphingosylphosphorylcholine ameliorates experimental sjögren's syndrome by regulating salivary gland inflammation and hypofunction, and regulatory B cells. <i>Immunology Letters</i> , 2022, 248, 62-69.	1.1	0
5	Sphingosylphosphorylcholine blocks ovariectomy-induced bone loss by suppressing Ca ²⁺ /calmodulin-mediated osteoclast differentiation. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 473-483.	1.6	4
6	Isovaleric acid ameliorates ovariectomy-induced osteoporosis by inhibiting osteoclast differentiation. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 4287-4297.	1.6	12
7	Activation of formyl peptide receptor 1 elicits therapeutic effects against collagen-induced arthritis. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 8936-8946.	1.6	5
8	Serum amyloid A promotes emphysema by triggering the reciprocal activation of neutrophils and ILC3s. <i>Clinical and Translational Medicine</i> , 2021, 11, e637.	1.7	3
9	Novel Sca-1+ macrophages modulate the pathogenic progress of endotoxemia. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 83-89.	1.0	4
10	Formyl peptide receptors in the mucosal immune system. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1694-1704.	3.2	26
11	A membrane-tethering pepducin derived from formyl peptide receptor 3 shows strong therapeutic effects against sepsis. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 156-162.	1.0	6
12	Novel CD11b ⁺ Gr-1 ⁺ Sca-1 ⁺ myeloid cells drive mortality in bacterial infection. <i>Science Advances</i> , 2020, 6, eaax8820.	4.7	12
13	VU0155069 inhibits inflammasome activation independent of phospholipase D1 activity. <i>Scientific Reports</i> , 2019, 9, 14349.	1.6	7
14	A phospholipase D2 inhibitor, CAY10594, ameliorates acetaminophen-induced acute liver injury by regulating the phosphorylated-GSK-3 β /JNK axis. <i>Scientific Reports</i> , 2019, 9, 7242.	1.6	4
15	Intracellular formyl peptide receptor regulates naive CD4 T cell migration. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 226-232.	1.0	21
16	A novel antimicrobial peptide acting via formyl peptide receptor 2 shows therapeutic effects against rheumatoid arthritis. <i>Scientific Reports</i> , 2018, 8, 14664.	1.6	20
17	Activation of formyl peptide receptor 2 by WKYMVm enhances emergency granulopoiesis through phospholipase C activity. <i>BMB Reports</i> , 2018, 51, 418-423.	1.1	8
18	Formyl Peptide Receptors in Cellular Differentiation and Inflammatory Diseases. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1300-1307.	1.2	36

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19	Phospholipase C β 1 suppresses foreign body giant cell formation by maintaining RUNX1 expression in macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 1025-1029.	1.0	1
20	A novel antimicrobial peptide isolated from centipede <i>Scolopendra subspinipes mutilans</i> stimulates neutrophil activity through formyl peptide receptor 2. <i>Biochemical and Biophysical Research Communications</i> , 2017, 494, 352-357.	1.0	6
21	Lysophosphatidic acid protects against acetaminophen-induced acute liver injury. <i>Experimental and Molecular Medicine</i> , 2017, 49, e407-e407.	3.2	16
22	FAM19A5, a brain-specific chemokine, inhibits RANKL-induced osteoclast formation through formyl peptide receptor 2. <i>Scientific Reports</i> , 2017, 7, 15575.	1.6	34
23	Phospholipase C β 3 in Toll-like receptor-mediated inflammation and innate immunity. <i>Advances in Biological Regulation</i> , 2017, 63, 92-97.	1.4	27
24	Accumulating insights into the role of phospholipase D2 in human diseases. <i>Advances in Biological Regulation</i> , 2016, 61, 42-46.	1.4	36
25	Promotion of formyl peptide receptor 1-mediated neutrophil chemotactic migration by antimicrobial peptides isolated from the centipede <i>Scolopendra subspinipes mutilans</i> . <i>BMB Reports</i> , 2016, 49, 520-525.	1.1	14
26	Inhibition of lethal inflammatory responses through the targeting of membrane-associated Toll-like receptor 4 signaling complexes with a Smad6-derived peptide. <i>EMBO Molecular Medicine</i> , 2015, 7, 577-592.	3.3	29
27	Serum amyloid A inhibits RANKL-induced osteoclast formation. <i>Experimental and Molecular Medicine</i> , 2015, 47, e194-e194.	3.2	15
28	Proteomic Analysis of the Palmitate-induced Myotube Secretome Reveals Involvement of the Annexin A1-Formyl Peptide Receptor 2 (FPR2) Pathway in Insulin Resistance*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 882-892.	2.5	47
29	A novel natural compound from garlic (<i>Allium sativum</i> L.) with therapeutic effects against experimental polymicrobial sepsis. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 774-779.	1.0	22
30	Phospholipase D2 drives mortality in sepsis by inhibiting neutrophil extracellular trap formation and down-regulating CXCR2. <i>Journal of Experimental Medicine</i> , 2015, 212, 1381-1390.	4.2	73
31	Anti-septic activity of Î±-cubebenoate isolated from <i>Schisandra chinensis</i> . <i>BMB Reports</i> , 2015, 48, 336-341.	1.1	14
32	Antimicrobial peptide scolopendrasin VII, derived from the centipede <i>Scolopendra subspinipes mutilans</i> , stimulates macrophage chemotaxis via formyl peptide receptor 1. <i>BMB Reports</i> , 2015, 48, 479-484.	1.1	17
33	Phospholipase D2 drives mortality in sepsis by inhibiting neutrophil extracellular trap formation and down-regulating CXCR2. <i>Journal of Cell Biology</i> , 2015, 210, 2105OIA172.	2.3	0
34	Comparison of anti-inflammatory potential of four different dibenzocyclooctadiene lignans in microglia; action via activation of PKA and Nrf2 signaling and inhibition of MAPK/STAT/NF-ÎB pathways. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 738-748.	1.5	22
35	Oxidized low-density lipoprotein-induced foam cell formation is mediated by formyl peptide receptor 2. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 1003-1007.	1.0	15
36	WKYMVM-Induced Activation of Formyl Peptide Receptor 2 Stimulates Ischemic Neovasclogenesis by Promoting Homing of Endothelial Colony-Forming Cells. <i>Stem Cells</i> , 2014, 32, 779-790.	1.4	69

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37	A novel delivery platform for therapeutic peptides. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 13-18.	1.0	9
38	Mouse neutrophils express functional umami taste receptor T1R1/T1R3. <i>BMB Reports</i> , 2014, 47, 649-654.	1.1	25
39	A membrane-tethering pepducin that inhibits formyl peptide receptor 2-induced signaling. <i>Die Pharmazie</i> , 2014, 69, 293-6.	0.3	4
40	Wnt5a stimulates chemotactic migration and chemokine production in human neutrophils. <i>Experimental and Molecular Medicine</i> , 2013, 45, e27-e27.	3.2	51
41	Serum amyloid A stimulates macrophage foam cell formation via lectin-like oxidized low-density lipoprotein receptor 1 upregulation. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 18-23.	1.0	40
42	Role of formyl peptide receptor 2 on the serum amyloid A-induced macrophage foam cell formation. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 255-259.	1.0	25
43	The immune-stimulating peptide WKYMVm has therapeutic effects against ulcerative colitis. <i>Experimental and Molecular Medicine</i> , 2013, 45, e40-e40.	3.2	33
44	Identification of novel peptides that stimulate human neutrophils. <i>Experimental and Molecular Medicine</i> , 2012, 44, 130.	3.2	20
45	Airway Activation of Formyl Peptide Receptors Inhibits Th1 and Th17 Cell Responses via Inhibition of Mediator Release from Immune and Inflammatory Cells and Maturation of Dendritic Cells. <i>Journal of Immunology</i> , 2012, 188, 1799-1808.	0.4	22
46	Î±-Iso-cubebene, a natural compound isolated from <i>Schisandra chinensis</i> fruit, has therapeutic benefit against polymicrobial sepsis. <i>Biochemical and Biophysical Research Communications</i> , 2012, 426, 226-231.	1.0	16
47	Therapeutic effects of Î±-iso-cubebenol, a natural compound isolated from the <i>Schisandra chinensis</i> fruit, against sepsis. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 547-552.	1.0	12
48	A WKYMVm-Containing Combination Elicits Potent Anti-Tumor Activity in Heterotopic Cancer Animal Model. <i>PLoS ONE</i> , 2012, 7, e30522.	1.1	13
49	Chloroform extract of garlic (<i>Allium sativum</i>) stimulates production of superoxide anion and CXCL8 in human neutrophils. <i>Horticulture Environment and Biotechnology</i> , 2011, 52, 218-223.	0.7	0
50	Activation of CXCR2 by Extracellular Matrix Degradation Product Acetylated Pro-Gly-Pro Has Therapeutic Effects against Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 243-251.	2.5	48
51	N-Formyl-Methionyl-Leucyl-Phenylalanine (fMLP) Promotes Osteoblast Differentiation via the N-Formyl Peptide Receptor 1-mediated Signaling Pathway in Human Mesenchymal Stem Cells from Bone Marrow. <i>Journal of Biological Chemistry</i> , 2011, 286, 17133-17143.	1.6	34
52	Sphingosylphosphorylcholine Stimulates CCL2 Production from Human Umbilical Vein Endothelial Cells. <i>Journal of Immunology</i> , 2011, 186, 4347-4353.	0.4	30
53	Activation of human monocytes by a formyl peptide receptor 2-derived pepducin. <i>FEBS Letters</i> , 2010, 584, 4102-4108.	1.3	30
54	The Agonists of Formyl Peptide Receptors Prevent Development of Severe Sepsis after Microbial Infection. <i>Journal of Immunology</i> , 2010, 185, 4302-4310.	0.4	60

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55	A pertussis toxin sensitive G-protein-independent pathway is involved in serum amyloid A-induced formyl peptide receptor 2-mediated CCL2 production. <i>Experimental and Molecular Medicine</i> , 2010, 42, 302.	3.2	23
56	Lysophosphatidylglycerol inhibits formyl peptide receptor like-1-stimulated chemotactic migration and IL-1 β production from human phagocytes. <i>Experimental and Molecular Medicine</i> , 2009, 41, 584.	3.2	18
57	Functional Expression of Formyl Peptide Receptor Family in Human NK Cells. <i>Journal of Immunology</i> , 2009, 183, 5511-5517.	0.4	59
58	Identification of a novel compound that stimulates intracellular calcium increase and CXCL8 production in human neutrophils from <i>Schisandra chinensis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 928-932.	1.0	19
59	Activation of formyl peptide receptor like-1 by serum amyloid A induces CCL2 production in human umbilical vein endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 313-317.	1.0	24
60	F2L, a peptide derived from heme-binding protein, inhibits LPS-induced cell proliferation and tube formation in human umbilical vein endothelial cells. <i>FEBS Letters</i> , 2008, 582, 273-278.	1.3	17
61	Serum Amyloid A Induces CCL2 Production via Formyl Peptide Receptor-Like 1-Mediated Signaling in Human Monocytes. <i>Journal of Immunology</i> , 2008, 181, 4332-4339.	0.4	90
62	S1P stimulates chemotactic migration and invasion in OVCAR3 ovarian cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 239-244.	1.0	73
63	F2L, a peptide derived from heme-binding protein, inhibits formyl peptide receptor-mediated signaling. <i>Biochemical and Biophysical Research Communications</i> , 2007, 359, 985-990.	1.0	9
64	Expression and functional role of formyl peptide receptor in human bone marrow-derived mesenchymal stem cells. <i>FEBS Letters</i> , 2007, 581, 1917-1922.	1.3	27
65	Differential production of leukotriene B4 or prostaglandin E2 by WKYMVM or serum amyloid A via formyl peptide receptor-like 1. <i>Biochemical Pharmacology</i> , 2006, 72, 860-868.	2.0	22
66	Serum Amyloid A Induces Contrary Immune Responses via Formyl Peptide Receptor-Like 1 in Human Monocytes. <i>Molecular Pharmacology</i> , 2006, 70, 241-248.	1.0	46
67	The Synthetic Peptide Trp-Lys-Tyr-Met-Val-D-Met Inhibits Human Monocyte-Derived Dendritic Cell Maturation via Formyl Peptide Receptor and Formyl Peptide Receptor-Like 2. <i>Journal of Immunology</i> , 2005, 175, 685-692.	0.4	48
68	Serum amyloid A stimulates matrix-metalloproteinase-9 upregulation via formyl peptide receptor like-1-mediated signaling in human monocytic cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 989-998.	1.0	122
69	Trp-Lys-Tyr-Met-Val-Met stimulates phagocytosis via phospholipase D-dependent signaling in mouse dendritic cells. <i>Experimental and Molecular Medicine</i> , 2004, 36, 135-144.	3.2	23
70	Lysophosphatidic acid is a mediator of Trp-Lys-Tyr-Met-Val-d-Met-induced calcium influx. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 458-465.	1.0	6
71	Compounds stimulating cytosolic phospholipase A2 activity with a combinational action mode. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 632-638.	1.0	0
72	Identification of Peptides That Antagonize Formyl Peptide Receptor-Like 1-Mediated Signaling. <i>Journal of Immunology</i> , 2004, 173, 607-614.	0.4	150

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73	Novel chemoattractant peptides for human leukocytes. <i>Biochemical Pharmacology</i> , 2003, 66, 1841-1851.	2.0	12
74	Differential Activation of Formyl Peptide Receptor Signaling by Peptide Ligands. <i>Molecular Pharmacology</i> , 2003, 64, 841-847.	1.0	48
75	Differential Signaling of Formyl Peptide Receptor-Like 1 by Trp-Lys-Tyr-Met-Val-Met-CONH ₂ or Lipoxin A4 in Human Neutrophils. <i>Molecular Pharmacology</i> , 2003, 64, 721-730.	1.0	49
76	Differential Activation of Formyl Peptide Receptor-Like 1 by Peptide Ligands. <i>Journal of Immunology</i> , 2003, 171, 6807-6813.	0.4	76
77	Identification of a Compound That Directly Stimulates Phospholipase C Activity. <i>Molecular Pharmacology</i> , 2003, 63, 1043-1050.	1.0	143
78	The synthetic chemoattractant peptide, Trp-Lys-Tyr-Met-Val-D-Met, enhances monocyte survival via PKC-dependent Akt activation. <i>Journal of Leukocyte Biology</i> , 2002, 71, 329-38.	1.5	12
79	Identification of novel chemoattractant peptides for human leukocytes. <i>Blood</i> , 2001, 97, 2854-2862.	0.6	70
80	ATP-induced focal adhesion kinase activity is negatively modulated by phospholipase D2 in PC12 cells. <i>Experimental and Molecular Medicine</i> , 2001, 33, 150-155.	3.2	5
81	Independent Functioning of Cytosolic Phospholipase A2 and Phospholipase D1 in Trp-Lys-Tyr-Met-Val-D-Met-Induced Superoxide Generation in Human Monocytes. <i>Journal of Immunology</i> , 2000, 164, 4089-4096.	0.4	41
82	Trp-Lys-Tyr-Met-Val-D-Met stimulates superoxide generation and killing of <i>Staphylococcus aureus</i> via phospholipase D activation in human monocytes. <i>Journal of Leukocyte Biology</i> , 1999, 65, 241-248.	1.5	57
83	Trp-Lys-Tyr-Met-Val-d-Met is a chemoattractant for human phagocytic cells. <i>Journal of Leukocyte Biology</i> , 1999, 66, 915-922.	1.5	41