Yoe-Sik Bae

List of Publications by Year
in descending order

83	2,445	186265 28	233421 45
papers	citations	h-index	g-index

83	83	83	3024
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of Peptides That Antagonize Formyl Peptide Receptor-Like 1-Mediated Signaling. Journal of Immunology, 2004, 173, 607-614.	0.8	150
2	Identification of a Compound That Directly Stimulates Phospholipase C Activity. Molecular Pharmacology, 2003, 63, 1043-1050.	2.3	143
3	Serum amyloid A stimulates matrix-metalloproteinase-9 upregulation via formyl peptide receptor like-1-mediated signaling in human monocytic cells. Biochemical and Biophysical Research Communications, 2005, 330, 989-998.	2.1	122
4	Serum Amyloid A Induces CCL2 Production via Formyl Peptide Receptor-Like 1-Mediated Signaling in Human Monocytes. Journal of Immunology, 2008, 181, 4332-4339.	0.8	90
5	Differential Activation of Formyl Peptide Receptor-Like 1 by Peptide Ligands. Journal of Immunology, 2003, 171, 6807-6813.	0.8	76
6	S1P stimulates chemotactic migration and invasion in OVCAR3 ovarian cancer cells. Biochemical and Biophysical Research Communications, 2007, 356, 239-244.	2.1	73
7	Phospholipase D2 drives mortality in sepsis by inhibiting neutrophil extracellular trap formation and down-regulating CXCR2. Journal of Experimental Medicine, 2015, 212, 1381-1390.	8.5	73
8	Identification of novel chemoattractant peptides for human leukocytes. Blood, 2001, 97, 2854-2862.	1.4	70
9	WKYMVm-Induced Activation of Formyl Peptide Receptor 2 Stimulates Ischemic Neovasculogenesis by Promoting Homing of Endothelial Colony-Forming Cells. Stem Cells, 2014, 32, 779-790.	3.2	69
10	The Agonists of Formyl Peptide Receptors Prevent Development of Severe Sepsis after Microbial Infection. Journal of Immunology, 2010, 185, 4302-4310.	0.8	60
11	Functional Expression of Formyl Peptide Receptor Family in Human NK Cells. Journal of Immunology, 2009, 183, 5511-5517.	0.8	59
12	Trp-Lys-Tyr-Met-Val-D-Met stimulates superoxide generation and killing of Staphylococcus aureus via phospholipase D activation in human monocytes. Journal of Leukocyte Biology, 1999, 65, 241-248.	3.3	57
13	Wnt5a stimulates chemotactic migration and chemokine production in human neutrophils. Experimental and Molecular Medicine, 2013, 45, e27-e27.	7.7	51
14	Differential Signaling of Formyl Peptide Receptor-Like 1 by Trp-Lys-Tyr-Met-Val-Met-CONH₂or Lipoxin A4 in Human Neutrophils. Molecular Pharmacology, 2003, 64, 721-730.	2.3	49
15	Differential Activation of Formyl Peptide Receptor Signaling by Peptide Ligands. Molecular Pharmacology, 2003, 64, 841-847.	2.3	48
16	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. Journal of Immunology, 2005, 175, 685-692.	0.8	48
17	Activation of CXCR2 by Extracellular Matrix Degradation Product Acetylated Pro-Gly-Pro Has Therapeutic Effects against Sepsis. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 243-251.	5.6	48
18	Proteomic Analysis of the Palmitate-induced Myotube Secretome Reveals Involvement of the Annexin A1-Formyl Peptide Receptor 2 (FPR2) Pathway in Insulin Resistance*. Molecular and Cellular Proteomics, 2015, 14, 882-892.	3.8	47

#	Article	IF	Citations
19	Serum Amyloid A Induces Contrary Immune Responses via Formyl Peptide Receptor-Like 1 in Human Monocytes. Molecular Pharmacology, 2006, 70, 241-248.	2.3	46
20	Trp-Lys-Tyr-Met-Val-d-Met is a chemoattractant for human phagocytic cells. Journal of Leukocyte Biology, 1999, 66, 915-922.	3.3	41
21	Independent Functioning of Cytosolic Phospholipase A2 and Phospholipase D1 in Trp-Lys-Tyr-Met-Val-D-Met-Induced Superoxide Generation in Human Monocytes. Journal of Immunology, 2000, 164, 4089-4096.	0.8	41
22	Serum amyloid A stimulates macrophage foam cell formation via lectin-like oxidized low-density lipoprotein receptor 1 upregulation. Biochemical and Biophysical Research Communications, 2013, 433, 18-23.	2.1	40
23	Accumulating insights into the role of phospholipase D2 in human diseases. Advances in Biological Regulation, 2016, 61, 42-46.	2.3	36
24	Formyl Peptide Receptors in Cellular Differentiation and Inflammatory Diseases. Journal of Cellular Biochemistry, 2017, 118, 1300-1307.	2.6	36
25	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. Journal of Biological Chemistry, 2011, 286, 17133-17143.	3.4	34
26	FAM19A5, a brain-specific chemokine, inhibits RANKL-induced osteoclast formation through formyl peptide receptor 2. Scientific Reports, 2017, 7, 15575.	3.3	34
27	The immune-stimulating peptide WKYMVm has therapeutic effects against ulcerative colitis. Experimental and Molecular Medicine, 2013, 45, e40-e40.	7.7	33
28	Activation of human monocytes by a formyl peptide receptor 2â€derived pepducin. FEBS Letters, 2010, 584, 4102-4108.	2.8	30
29	Sphingosylphosphorylcholine Stimulates CCL2 Production from Human Umbilical Vein Endothelial Cells. Journal of Immunology, 2011, 186, 4347-4353.	0.8	30
30	Inhibition of lethal inflammatory responses through the targeting of membraneâ€associated Tollâ€like receptor 4 signaling complexes with a Smad6â€derived peptide. EMBO Molecular Medicine, 2015, 7, 577-592.	6.9	29
31	Expression and functional role of formyl peptide receptor in human bone marrow-derived mesenchymal stem cells. FEBS Letters, 2007, 581, 1917-1922.	2.8	27
32	Phospholipase CÎ³ in Toll-like receptor-mediated inflammation and innate immunity. Advances in Biological Regulation, 2017, 63, 92-97.	2.3	27
33	Formyl peptide receptors in the mucosal immune system. Experimental and Molecular Medicine, 2020, 52, 1694-1704.	7.7	26
34	Role of formyl peptide receptor 2 on the serum amyloid A-induced macrophage foam cell formation. Biochemical and Biophysical Research Communications, 2013, 433, 255-259.	2.1	25
35	Mouse neutrophils express functional umami taste receptor T1R1/T1R3. BMB Reports, 2014, 47, 649-654.	2.4	25
36	Activation of formyl peptide receptor like-1 by serum amyloid A induces CCL2 production in human umbilical vein endothelial cells. Biochemical and Biophysical Research Communications, 2009, 380, 313-317.	2.1	24

#	Article	IF	Citations
37	Trp-Lys-Tyr-Met-Val-Met stimulates phagocytosis via phospho-lipase D-dependent signaling in mouse dendritic cells. Experimental and Molecular Medicine, 2004, 36, 135-144.	7.7	23
38	A pertussis toxin sensitive G-protein-independent pathway is involved in serum amyloid A-induced formyl peptide receptor 2-mediated CCL2 production. Experimental and Molecular Medicine, 2010, 42, 302.	7.7	23
39	Differential production of leukotriene B4 or prostaglandin E2 by WKYMVm or serum amyloid A via formyl peptide receptor-like 1. Biochemical Pharmacology, 2006, 72, 860-868.	4.4	22
40	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. Journal of Immunology, 2012, 188, 1799-1808.	0.8	22
41	Comparison of antiâ€inflammatory potential of four different dibenzocyclooctadiene lignans in microglia; action via activation of PKA and Nrfâ€2 signaling and inhibition of MAPK/STAT/NFâ€ÎºB pathways. Molecular Nutrition and Food Research, 2014, 58, 738-748.	3.3	22
42	A novel natural compound from garlic (Allium sativum L.) with therapeutic effects against experimental polymicrobial sepsis. Biochemical and Biophysical Research Communications, 2015, 464, 774-779.	2.1	22
43	Intracellular formyl peptide receptor regulates naÃ¯ve CD4 T cell migration. Biochemical and Biophysical Research Communications, 2018, 497, 226-232.	2.1	21
44	Identification of novel peptides that stimulate human neutrophils. Experimental and Molecular Medicine, 2012, 44, 130.	7.7	20
45	A novel antimicrobial peptide acting via formyl peptide receptor 2 shows therapeutic effects against rheumatoid arthritis. Scientific Reports, 2018, 8, 14664.	3.3	20
46	Identification of a novel compound that stimulates intracellular calcium increase and CXCL8 production in human neutrophils from Schisandra chinensis. Biochemical and Biophysical Research Communications, 2009, 379, 928-932.	2.1	19
47	Lysophosphatidylglycerol inhibits formyl peptide receptor like-1-stimulated chemotactic migration and IL-1Î² production from human phagocytes. Experimental and Molecular Medicine, 2009, 41, 584.	7.7	18
48	F2L, a peptide derived from hemeâ€binding protein, inhibits LLâ€37â€induced cell proliferation and tube formation in human umbilical vein endothelial cells. FEBS Letters, 2008, 582, 273-278.	2.8	17
49	Antimicrobial peptide scolopendrasin VII, derived from the centipede Scolopendra subspinipes mutilans, stimulates macrophage chemotaxis via formyl peptide receptor 1. BMB Reports, 2015, 48, 479-484.	2.4	17
50	Î±-Iso-cubebene, a natural compound isolated from Schisandra chinensis fruit, has therapeutic benefit against polymicrobial sepsis. Biochemical and Biophysical Research Communications, 2012, 426, 226-231.	2.1	16
51	Lysophosphatidic acid protects against acetaminophen-induced acute liver injury. Experimental and Molecular Medicine, 2017, 49, e407-e407.	7.7	16
52	Oxidized low-density lipoprotein-induced foam cell formation is mediated by formyl peptide receptor 2. Biochemical and Biophysical Research Communications, 2014, 443, 1003-1007.	2.1	15
53	Serum amyloid A inhibits RANKL-induced osteoclast formation. Experimental and Molecular Medicine, 2015, 47, e194-e194.	7.7	15
54	Anti-septic activity of Î±-cubebenoate isolated from Schisandra chinensis. BMB Reports, 2015, 48, 336-341.	2.4	14

#	Article	IF	Citations
55	Promotion of formyl peptide receptor 1-mediated neutrophil chemotactic migration by antimicrobial peptides isolated from the centipede Scolopendra subspinipes mutilans. BMB Reports, 2016, 49, 520-525.	2.4	14
56	A WKYMVm-Containing Combination Elicits Potent Anti-Tumor Activity in Heterotopic Cancer Animal Model. PLoS ONE, 2012, 7, e30522.	2.5	13
57	Novel chemoattractant peptides for human leukocytes. Biochemical Pharmacology, 2003, 66, 1841-1851.	4.4	12
58	Therapeutic effects of Î±-iso-cubebenol, a natural compound isolated from the Schisandra chinensis fruit, against sepsis. Biochemical and Biophysical Research Communications, 2012, 427, 547-552.	2.1	12
59	Novel CD11b ⁺ Gr-1 ⁺ Sca-1 ⁺ myeloid cells drive mortality in bacterial infection. Science Advances, 2020, 6, eaax8820.	10.3	12
60	Isovaleric acid ameliorates ovariectomyâ€induced osteoporosis by inhibiting osteoclast differentiation. Journal of Cellular and Molecular Medicine, 2021, 25, 4287-4297.	3.6	12
61	The synthetic chemoattractant peptide, Trp-Lys-Tyr-Met-Val-D-Met, enhances monocyte survival via PKC-dependent Akt activation. Journal of Leukocyte Biology, 2002, 71, 329-38.	3.3	12
62	Unique characteristics of lung-resident neutrophils are maintained by PGE2/PKA/Tgm2-mediated signaling. Blood, 2022, 140, 889-899.	1.4	12
63	F2L, a peptide derived from heme-binding protein, inhibits formyl peptide receptor-mediated signaling. Biochemical and Biophysical Research Communications, 2007, 359, 985-990.	2.1	9
64	A novel delivery platform for therapeutic peptides. Biochemical and Biophysical Research Communications, 2014, 450, 13-18.	2.1	9
65	Activation of formyl peptide receptor 2 by WKYMVm enhances emergency granulopoiesis through phospholipase C activity. BMB Reports, 2018, 51, 418-423.	2.4	8
66	VU0155069 inhibits inflammasome activation independent of phospholipase D1 activity. Scientific Reports, 2019, 9, 14349.	3.3	7
67	Lysophosphatidic acid is a mediator of Trp-Lys-Tyr-Met-Val-d-Met-induced calcium influx. Biochemical and Biophysical Research Communications, 2004, 324, 458-465.	2.1	6
68	A novel antimicrobial peptide isolated from centipede Scolopendra subspinipes mutilans stimulates neutrophil activity through formyl peptide receptor 2. Biochemical and Biophysical Research Communications, 2017, 494, 352-357.	2.1	6
69	A membrane-tethering pepducin derived from formyl peptide receptor 3 shows strong therapeutic effects against sepsis. Biochemical and Biophysical Research Communications, 2020, 524, 156-162.	2.1	6
70	ATP-induced focal adhesion kinase activity is negatively modulated by phospholipase D2 in PC12 cells. Experimental and Molecular Medicine, 2001, 33, 150-155.	7.7	5
71	Activation of formyl peptide receptor 1 elicits therapeutic effects against collagenâ€induced arthritis. Journal of Cellular and Molecular Medicine, 2021, 25, 8936-8946.	3.6	5
72	Targeting PLD2 in adipocytes augments adaptive thermogenesis by improving mitochondrial quality and quantity in mice. Journal of Experimental Medicine, 2022, 219, .	8.5	5

#	Article	IF	Citations
73	A phospholipase D2 inhibitor, CAY10594, ameliorates acetaminophen-induced acute liver injury by regulating the phosphorylated-GSK-3Î²/JNK axis. Scientific Reports, 2019, 9, 7242.	3.3	4
74	Novel Sca-1+ macrophages modulate the pathogenic progress of endotoxemia. Biochemical and Biophysical Research Communications, 2020, 533, 83-89.	2.1	4
75	Sphingosylphosphorylcholine blocks ovariectomyâ€induced bone loss by suppressing Ca 2+ /calmodulinâ€mediated osteoclast differentiation. Journal of Cellular and Molecular Medicine, 2021, 25, 473-483.	3.6	4
76	A membrane-tethering pepducin that inhibits formyl peptide receptor 2-induced signaling. Die Pharmazie, 2014, 69, 293-6.	0.5	4
77	Serum amyloid A promotes emphysema by triggering the reciprocal activation of neutrophils and ILC3s. Clinical and Translational Medicine, 2021, 11, e637.	4.0	3
78	Phospholipase CÎ³1 suppresses foreign body giant cell formation by maintaining RUNX1 expression in macrophages. Biochemical and Biophysical Research Communications, 2017, 482, 1025-1029.	2.1	1
79	IM156, a new AMPK activator, protects against polymicrobial sepsis. Journal of Cellular and Molecular Medicine, 2022, 26, 3378-3386.	3.6	1
80	Compounds stimulating cytosolic phospholipase A2 activity with a combinational action mode. Biochemical and Biophysical Research Communications, 2004, 325, 632-638.	2.1	0
81	Chloroform extract of garlic (Allium sativum) stimulates production of superoxide anion and CXCL8 in human neutrophils. Horticulture Environment and Biotechnology, 2011, 52, 218-223.	2.1	0
82	Phospholipase D2 drives mortality in sepsis by inhibiting neutrophil extracellular trap formation and down-regulating CXCR2. Journal of Cell Biology, 2015, 210, 2105OIA172.	5.2	0
83	Sphingosylphosphorylcholine ameliorates experimental sjÃ¶gren's syndrome by regulating salivary gland inflammation and hypofunction, and regulatory B cells. Immunology Letters, 2022, 248, 62-69.	2.5	0