

# Doo-Sik Kim

## List of Publications by Year in descending order

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45  
papers

1,545  
citations

331670

21  
h-index

302126

39  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1896  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Isolation and characterization of a thermophilic lipase from <i>Bacillus thermoleovorans</i> ID-1. FEMS Microbiology Letters, 1999, 179, 393-400.   | 1.8 | 235       |
| 2  | Exosomes derived from human macrophages suppress endothelial cell migration by controlling integrin trafficking. European Journal of Immunology, 2014, 44, 1156-1169.   | 2.9 | 79        |
| 3  | Suppressive Mechanism of Salmosin, a Novel Disintegrin in B16 Melanoma Cell Metastasis. Biochemical and Biophysical Research Communications, 2000, 275, 169-173.  | 2.1 | 73        |
| 4  | Purification and characterization of two distinct thermostable lipases from the gram-positive thermophilic bacterium <i>Bacillus thermoleovorans</i> ID-1. Enzyme and Microbial Technology, 2001, 29, 363-371.  | 3.2 | 72        |
| 5  | NF- $\kappa$ B-dependent Regulation of Matrix Metalloproteinase-9 Gene Expression by Lipopolysaccharide in a Macrophage Cell Line RAW 264.7. BMB Reports, 2007, 40, 88-94.  | 2.4 | 71        |
| 6  | A Novel Metalloprotease from Gloydius halys Venom Induces Endothelial Cell Apoptosis through Its Protease and Disintegrin-Like Domains. Journal of Biochemistry, 2003, 134, 739-749.  | 1.7 | 68        |
| 7  | NF- $\kappa$ B and c-Jun-dependent regulation of macrophage inflammatory protein-2 gene expression in response to lipopolysaccharide in RAW 264.7 cells. Molecular Immunology, 2003, 40, 633-643.   | 2.2 | 68        |
| 8  | Snake venom disintegrin, saxatilin, inhibits platelet aggregation, human umbilical vein endothelial cell proliferation, and smooth muscle cell migration. Thrombosis Research, 2002, 105, 79-86.  | 1.7 | 64        |
| 9  | NF- $\kappa$ B- and c-Jun-dependent regulation of human cytomegalovirus immediate-early gene enhancer/promoter in response to lipopolysaccharide and bacterial CpG-oligodeoxynucleotides in macrophage cell line RAW 264.7. FEBS Journal, 2004, 271, 1094-1105. | 0.2 | 57        |
| 10 | Purification and Molecular Cloning of a Platelet Aggregation Inhibitor from the Snake ( <i>Agkistrodon</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5  | 1.7 | 49        |
| 11 | Regulation of matrix metalloproteinase-9 gene expression and cell migration by NF- $\kappa$ B in response to CpG-oligodeoxynucleotides in RAW 264.7 cells. Molecular Immunology, 2007, 44, 1393-1400.   | 2.2 | 47        |
| 12 | Exosome release of ADAM15 and the functional implications of human macrophage-derived ADAM15 exosomes. FASEB Journal, 2012, 26, 3084-3095.  | 0.5 | 47        |
| 13 | The snake venom disintegrin salmosin induces apoptosis by disassembly of focal adhesions in bovine capillary endothelial cells. Biochemical and Biophysical Research Communications, 2003, 302, 502-508.  | 2.1 | 46        |
| 14 | Factor Xa induces mitogenesis of coronary artery smooth muscle cell via activation of PAR-2. FEBS Letters, 2002, 523, 85-89.  | 2.8 | 44        |
| 15 | Molecular cloning and functional characterization of a snake venom metalloprotease. FEBS Journal, 1999, 263, 526-533.   | 0.2 | 43        |
| 16 | Solution Structure of a Novel Disintegrin, Salmosin, from <i>Agkistrodon halys</i> Venom. Biochemistry, 2003, 42, 14408-14415.  | 2.5 | 40        |
| 17 | Direct role of NF- $\kappa$ B activation in Toll-like receptor-triggered HLA-DRA expression. European Journal of Immunology, 2006, 36, 1254-1266.   | 2.9 | 37        |
| 18 | Inhibitory Effects of Salmosin, a Disintegrin, on Posterior Capsular Opacification in vitro and in vivo. Experimental Eye Research, 2002, 74, 585-594.  | 2.6 | 34        |

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|----|--|-----|-----------|
| 19 | NF- $\kappa$ B-dependent regulation of tumor necrosis factor- $\alpha$ gene expression by CpG-oligodeoxynucleotides. <i>Biochemical and Biophysical Research Communications</i> , 2003, 311, 129-138.                                  | 2.1 | 31        |
| 20 | Saxatilin Suppresses Tumor-induced Angiogenesis by Regulating VEGF Expression in NCI-H460 Human Lung Cancer Cells. <i>BMB Reports</i> , 2007, 40, 439-443.   | 2.4 | 27        |
| 21 | Inhibitory effect of salmosin, a Korean snake venom-derived disintegrin, on the integrin $\alpha$ v-mediated proliferation of SK-Mel-2 human melanoma cells. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 55, 1577-1582.        | 2.4 | 25        |
| 22 | Plasminogen activator inhibitor-1 regulates infiltration of macrophages into melanoma via phosphorylation of FAK-Tyr925. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 1696-1701.                            | 2.1 | 25        |
| 23 | Structural and functional significance of disulfide bonds in saxatilin, a 7.7kDa disintegrin. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 530-536.   | 2.1 | 21        |
| 24 | Monoclonal Antibody Targeting of the Cell Surface Molecule TM4SF5 Inhibits the Growth of Hepatocellular Carcinoma. <i>Cancer Research</i> , 2014, 74, 3844-3856.   | 0.9 | 20        |
| 25 | A novel disintegrin-like domain of a high molecular weight metalloprotease inhibits platelet aggregation. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 637-642.   | 2.1 | 19        |
| 26 | Distinct roles of transforming growth factor- $\beta$ signaling and transforming growth factor- $\beta$ receptor inhibitor SB431542 in the regulation of p21 expression. <i>European Journal of Pharmacology</i> , 2015, 764, 413-423. | 3.5 | 18        |
| 27 | Integrin $\alpha$ v $\beta$ 3-mediated transcriptional regulation of TIMP-1 in a human ovarian cancer cell line. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 479-483.                                      | 2.1 | 17        |
| 28 | Pyrrolidine dithiocarbamate-induced macrophage inflammatory protein-2 gene expression is NF- $\kappa$ B-independent but c-Jun-dependent in macrophage cell line RAW 264.7. <i>Molecular Immunology</i> , 2005, 42, 1165-1175.          | 2.2 | 16        |
| 29 | Saxatilin inhibits TNF- $\alpha$ -induced proliferation by suppressing AP-1-dependent IL-8 expression in the ovarian cancer cell line MDAH 2774. <i>Molecular Immunology</i> , 2007, 44, 1409-1416.                                    | 2.2 | 16        |
| 30 | Therapeutic effect of a TM4SF5-specific peptide vaccine against colon cancer in a mouse model. <i>BMB Reports</i> , 2014, 47, 215-220.   | 2.4 | 16        |
| 31 | Saxatilin, a Snake Venom Disintegrin, Regulates Platelet Activation Associated with Human Vascular Endothelial Cell Migration and Invasion. <i>Journal of Vascular Research</i> , 2007, 44, 129-137.                                   | 1.4 | 14        |
| 32 | Characterization and cDNA cloning of halyxin, a heterogeneous three-chain anticoagulant protein from the venom of <i>Agkistrodon halys brevicaudus</i> . <i>Toxicon</i> , 2002, 40, 947-957.   | 1.6 | 12        |
| 33 | Saxatilin, a Snake Venom Disintegrin, Suppresses TNF- $\alpha$ -induced Ovarian Cancer Cell Invasion. <i>BMB Reports</i> , 2007, 40, 290-294.  | 2.4 | 12        |
| 34 | The LRP1-independent mechanism of PAI-1-induced migration in CpG-ODN activated macrophages. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 49, 17-25.   | 2.8 | 11        |
| 35 | Therapeutic effect of a TM4SF5-specific monoclonal antibody against colon cancer in a mouse model. <i>Oncotarget</i> , 2014, 5, 8402-8415.   | 1.8 | 11        |
| 36 | The ADAM15 ectodomain is shed from secretory exosomes. <i>BMB Reports</i> , 2015, 48, 277-282.   | 2.4 | 11        |

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|----|--|-----|-----------|
| 37 | Novel function of human ADAM15 disintegrin-like domain and its derivatives in platelet aggregation. <i>Thrombosis Research</i> , 2007, 119, 609-619.                               | 1.7 | 10        |
| 38 | Isolation and characterization of a thermophilic lipase from <i>Bacillus thermoleovorans</i> ID-1. <i>FEMS Microbiology Letters</i> , 1999, 179, 393-400.                          | 1.8 | 10        |
| 39 | Acute and repeated dose toxicity studies of recombinant saxatilin, a disintegrin from the Korean snake ( <i>Gloydius saxatilis</i> ). <i>Toxicol</i> , 2008, 51, 406-417.          | 1.6 | 9         |
| 40 | Suppressive effect and mechanism of saxatilin, a disintegrin from Korean snake ( <i>Gloydius saxatilis</i> ), in vascular smooth muscle cells. <i>Toxicol</i> , 2008, 52, 474-480. | 1.6 | 8         |
| 41 | The Korean Society for Biochemistry and Molecular Biology. <i>IUBMB Life</i> , 2006, 58, 286-287.  | 3.4 | 5         |
| 42 | Cloning, expression, and characterization of a cDNA encoding snake venom metalloprotease. <i>IUBMB Life</i> , 1999, 47, 417-425.   | 3.4 | 3         |
| 43 | Blood Vessel Maturation by Disintegrin in Oxygen-Induced Retinopathy. <i>Current Eye Research</i> , 2015, 41, 1-11.  | 1.5 | 2         |
| 44 | Treatment with phosphodiester CpG-ODN ameliorates atopic dermatitis by enhancing TGF- $\beta$ 2 signaling. <i>BMB Reports</i> , 2021, 54, 142-147.                                 | 2.4 | 2         |
| 45 | A Mg <sup>2+</sup> -dependent endonuclease is responsible for internucleosomal DNA fragmentation in human B lymphoblastic IM9 cells. <i>IUBMB Life</i> , 1998, 46, 1259-1268.      | 3.4 | 0         |