List of Publications by Year in descending order

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		159585	214800
127	3,311	30	47
papers	citations	h-index	g-index
127	127	127	3954
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Exploring the Role of Stem Cell Therapy in Treating Neurodegenerative Diseases: Challenges and Current Perspectives. Current Stem Cell Research and Therapy, 2022, 17, 113-125.	1.3	9
2	Cancer immunotherapy by immune checkpoint blockade and its advanced application using bio-nanomaterials. Seminars in Cancer Biology, 2022, 86, 909-922.	9.6	26
3	Modulating the Ubiquitin–Proteasome System: A Therapeutic Strategy for Autoimmune Diseases. Cells, 2022, 11, 1093.	4.1	11
4	Comparison of the immune activation capacities of fucoidan and laminarin extracted from Laminaria japonica. International Journal of Biological Macromolecules, 2022, 208, 230-242.	7.5	23
5	Ubiquitin Activating Enzyme UBA6 Regulates Th1 and Tc1 Cell Differentiation. Cells, 2022, 11, 105.	4.1	7
6	Immunomodulatory effects of polysaccharides from marine algae for treating cancer, infectious disease, and inflammation. Phytotherapy Research, 2022, 36, 761-777.	5.8	39
7	Detection of Fe3+ ions in aqueous environment using fluorescent carbon quantum dots synthesized from endosperm of Borassus flabellifer. Environmental Research, 2022, 212, 113273.	7.5	45
8	<i>Escherichia coli</i> Mimetic Gold Nanorod-Mediated Photo- and Immunotherapy for Treating Cancer and Its Metastasis. ACS Nano, 2022, 16, 8472-8483.	14.6	26
9	Recombinant programmed cell death protein 1 functions as an immune check point blockade and enhances anti-cancer immunity. Biomaterials, 2022, 285, 121550.	11.4	5
10	Dual-functional alginate and collagen–based injectable hydrogel for the treatment of cancer and its metastasis. Journal of Nanobiotechnology, 2022, 20, .	9.1	15
11	Sequential ubiquitination of p53 by TRIM28, RLIM, and MDM2 in lung tumorigenesis. Cell Death and Differentiation, 2021, 28, 1790-1803.	11.2	27
12	Monophosphoryl lipid A-induced activation of plasmacytoid dendritic cells enhances the anti-cancer effects of anti-PD-L1 antibodies. Cancer Immunology, Immunotherapy, 2021, 70, 689-700.	4.2	13
13	Targeting integrins for cancer management using nanotherapeutic approaches: Recent advances and challenges. Seminars in Cancer Biology, 2021, 69, 325-336.	9.6	38
14	Polysaccharide from Astragalus membranaceus promotes the activation of human peripheral blood and mouse spleen dendritic cells. Chinese Journal of Natural Medicines, 2021, 19, 56-62.	1.3	4
15	Nano-Biomaterials as Sensing and Therapeutic Tool to Mitigate Viral Pathogenesis with Special Reference to COVID-19. Current Pharmaceutical Design, 2021, 27, 3424-3434.	1.9	3
16	Exploring the Role of Gene Therapy for Neurological Disorders. Current Gene Therapy, 2021, 21, 11-22.	2.0	9
17	IgLON5 Regulates the Adhesion and Differentiation of Myoblasts. Cells, 2021, 10, 417.	4.1	11
18	Comparison of human peripheral blood dendritic cell activation by four fucoidans. International Journal of Biological Macromolecules, 2021, 174, 477-484.	7.5	17

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19	Immunotherapy for the Breast Cancer treatment: Current Evidence and Therapeutic Options. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, .	1.2	2
20	The Therapeutic Potential of the Anticancer Activity of Fucoidan: Current Advances and Hurdles. Marine Drugs, 2021, 19, 265.	4.6	44
21	Dipeptidyl Peptidase (DPP)-IV Inhibitors with Antioxidant Potential Isolated from Natural Sources: A Novel Approach for the Management of Diabetes. Pharmaceuticals, 2021, 14, 586.	3.8	33
22	Microbe-Mediated Biosynthesis of Nanoparticles: Applications and Future Prospects. Biomolecules, 2021, 11, 886.	4.0	85
23	<i>Escherichia coli</i> adhesin protein-conjugated thermal responsive hybrid nanoparticles for photothermal and immunotherapy against cancer and its metastasis. , 2021, 9, e002666.		16
24	Astragalus membranaceus polysaccharides potentiate the growth-inhibitory activity of immune checkpoint inhibitors against pulmonary metastatic melanoma in mice. International Journal of Biological Macromolecules, 2021, 182, 1292-1300.	7.5	24
25	Ecklonia cava fucoidan has potential to stimulate natural killer cells in vivo. International Journal of Biological Macromolecules, 2021, 185, 111-121.	7.5	21
26	Enhancement of Immune Checkpoint Inhibitor-Mediated Anti-Cancer Immunity by Intranasal Treatment of Ecklonia cava Fucoidan against Metastatic Lung Cancer. International Journal of Molecular Sciences, 2021, 22, 9125.	4.1	19
27	Interaction of Fibromodulin and Myostatin to Regulate Skeletal Muscle Aging: An Opposite Regulation in Muscle Aging, Diabetes, and Intracellular Lipid Accumulation. Cells, 2021, 10, 2083.	4.1	17
28	Therapeutic Potential of Algal Nanoparticles: A brief review. Combinatorial Chemistry and High Throughput Screening, 2021, 24, .	1.1	2
29	Mice Plasmacytoid Dendritic Cells Were Activated by Lipopolysaccharides Through Toll-Like Receptor 4/Myeloid Differentiation Factor 2. Frontiers in Immunology, 2021, 12, 727161.	4.8	4
30	Intranasal Administration of Codium fragile Polysaccharide Elicits Anti-Cancer Immunity against Lewis Lung Carcinoma. International Journal of Molecular Sciences, 2021, 22, 10608.	4.1	11
31	The Ubiquitin System: An Emerging Therapeutic Target for Lung Cancer. International Journal of Molecular Sciences, 2021, 22, 9629.	4.1	18
32	Intramitochondrial Disulfide Polymerization Controls Cancer Cell Fate. ACS Nano, 2021, 15, 14492-14508.	14.6	33
33	Carrier-free micellar CpG interacting with cell membrane for enhanced immunological treatment of HIV-1. Biomaterials, 2021, 277, 121081.	11.4	9
34	Porphyran isolated from Pyropia yezoensis inhibits lipopolysaccharide-induced activation of dendritic cells in mice. Carbohydrate Polymers, 2020, 229, 115457.	10.2	24
35	Alumina Ceramic Exacerbates the Inflammatory Disease by Activation of Macrophages and T Cells. International Journal of Molecular Sciences, 2020, 21, 7114.	4.1	2
36	Pathophysiology, Clinical Characteristics of Diabetic Cardiomyopathy: Therapeutic Potential of Natural Polyphenols. Frontiers in Nutrition, 2020, 7, 564352.	3.7	9

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37	Bergenia Genus: Traditional Uses, Phytochemistry and Pharmacology. Molecules, 2020, 25, 5555.	3.8	26
38	Attachable Hydrogel Containing Indocyanine Green for Selective Photothermal Therapy against Melanoma. Biomolecules, 2020, 10, 1124.	4.0	14
39	Polysaccharide from Codium fragile Induces Anti-Cancer Immunity by Activating Natural Killer Cells. Marine Drugs, 2020, 18, 626.	4.6	21
40	Human Peripheral Blood Dendritic Cell and T Cell Activation by Codium fragile Polysaccharide. Marine Drugs, 2020, 18, 535.	4.6	14
41	Dendritic cell-mediated cancer immunotherapy with Ecklonia cava fucoidan. International Journal of Biological Macromolecules, 2020, 159, 941-947.	7.5	21
42	Escherichia coli adhesion portion FimH functions as an adjuvant for cancer immunotherapy. Nature Communications, 2020, 11, 1187.	12.8	43
43	Anti-Bacterial and Anti-Candidal Activity of Silver Nanoparticles Biosynthesized Using Citrobacter spp. MS5 Culture Supernatant. Biomolecules, 2020, 10, 944.	4.0	17
44	Cancer immunotherapy using a polysaccharide from <i>Codium fragile</i> in a murine model. Oncolmmunology, 2020, 9, 1772663.	4.6	25
45	Inhibitory effect of porphyran on lipopolysaccharide-induced activation of human immune cells. Carbohydrate Polymers, 2020, 232, 115811.	10.2	17
46	CD8 α â^' conventional dendritic cells control V β Tâ€cell immunity in response to Staphylococcus aureus infection in mice. Immunology, 2020, 159, 404-412.	4.4	4
47	Quercetin and Coumarin Inhibit Dipeptidyl Peptidase-IV and Exhibits Antioxidant Properties: In Silico, In Vitro, Ex Vivo. Biomolecules, 2020, 10, 207.	4.0	38
48	RAFT/PISA based Ni-NTA polymeric particles for virus-mimetic influenza vaccines. Journal of Industrial and Engineering Chemistry, 2020, 86, 35-38.	5.8	6
49	Sarcoidosis: Causes, Diagnosis, Clinical Features, and Treatments. Journal of Clinical Medicine, 2020, 9, 1081.	2.4	81
50	Nucleic acid nanotechnology for cancer treatment. Biochimica Et Biophysica Acta: Reviews on Cancer, 2020, 1874, 188377.	7.4	31
51	Novel Therapeutics for the Treatment of Alzheimer's and Parkinson's Disease. Current Pharmaceutical Design, 2020, 26, 755-763.	1.9	9
52	Therapeutics and Research Related to Clioblastoma: Advancements and Future Targets. Current Drug Metabolism, 2020, 21, 186-198.	1.2	16
53	Proteomics and Neurodegenerative Disorders: Advancements in the Diagnostic Analysis. Current Protein and Peptide Science, 2020, 21, 1174-1183.	1.4	4
54	Interleukin-10-Producing B Cells Help Suppress Ovariectomy-Mediated Osteoporosis. Immune Network, 2020, 20, e50.	3.6	12

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55	Recent Advances in Nanotechnology: A Novel Therapeutic System for the Treatment of Alzheimer's Disease. Current Drug Metabolism, 2020, 21, 1144-1151.	1.2	6
56	Therapeutic Advancements in the Management of Diabetes Mellitus with Special Reference to Nanotechnology. Current Pharmaceutical Design, 2020, 26, 4909-4916.	1.9	11
57	Indocyanine green and poly I:C containingÂthermo-responsive liposomes used in immune-photothermal therapy prevent cancer growth and metastasis. , 2019, 7, 220.		57
58	Protective Effect of Melatonin Against Polymicrobial Sepsis Is Mediated by the Anti-bacterial Effect of Neutrophils. Frontiers in Immunology, 2019, 10, 1371.	4.8	29
59	Influenza mimetic protein–polymer nanoparticles as antigen delivery vehicles to dendritic cells for cancer immunotherapy. Nanoscale, 2019, 11, 13878-13884.	5.6	10
60	Soft matter DNA nanoparticles hybridized with CpG motifs and peptide nucleic acids enable immunological treatment of cancer. Journal of Controlled Release, 2019, 315, 76-84.	9.9	18
61	USP14 Inhibition Regulates Tumorigenesis by Inducing Autophagy in Lung Cancer In Vitro. International Journal of Molecular Sciences, 2019, 20, 5300.	4.1	32
62	Highly photostable rylene-encapsulated polymeric nanoparticles for fluorescent labeling in biological system. Journal of Industrial and Engineering Chemistry, 2019, 80, 239-246.	5.8	7
63	Activation of Human Dendritic Cells by Ascophyllan Purified from Ascophyllum nodosum. Marine Drugs, 2019, 17, 66.	4.6	14
64	Inhibition of peroxiredoxin 2 suppresses Wnt/β-catenin signaling in gastric cancer. Biochemical and Biophysical Research Communications, 2019, 512, 250-255.	2.1	19
65	Ascophyllan Induces Activation of Natural Killer Cells in Mice In Vivo and In Vitro. Marine Drugs, 2019, 17, 197.	4.6	16
66	Dye encapsulated polymeric nanoprobes for in vitro and in vivo fluorescence imaging in panchromatic range. Journal of Industrial and Engineering Chemistry, 2019, 73, 87-94.	5.8	4
67	Rehmannia glutinosa polysaccharide promoted activation of human dendritic cells. International Journal of Biological Macromolecules, 2018, 116, 232-238.	7.5	46
68	Fucoidan-coated CuS nanoparticles for chemo-and photothermal therapy against cancer. Oncotarget, 2018, 9, 12649-12661.	1.8	48
69	Rehmannia glutinosa polysaccharide functions as a mucosal adjuvant to induce dendritic cell activation in mediastinal lymph node. International Journal of Biological Macromolecules, 2018, 120, 1618-1623.	7.5	23
70	Immunostimulatory Agent Evaluation: Lymphoid Tissue Extraction and Injection Route-Dependent Dendritic Cell Activation. Journal of Visualized Experiments, 2018, , .	0.3	1
71	Hypericin-assisted photodynamic therapy against anaplastic thyroid cancer. Photodiagnosis and Photodynamic Therapy, 2018, 24, 15-21.	2.6	43
72	Virus-mimetic polymer nanoparticles displaying hemagglutinin as an adjuvant-free influenza vaccine. Biomaterials, 2018, 183, 234-242.	11.4	20

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73	Upregulation of Breast Cancer Resistance Protein Expression was Decreased in Plasma Membrane of Colon Cancer with Metastasis of Lymphatic Node. Clinical Laboratory, 2018, 64, 311-319.	0.5	2
74	Photothermal-triggered control of sub-cellular drug accumulation using doxorubicin-loaded single-walled carbon nanotubes for the effective killing of human breast cancer cells. Nanotechnology, 2017, 28, 125101.	2.6	37
75	<i>Rehmannia glutinosa</i> polysaccharide induces toll-like receptor 4 dependent spleen dendritic cell maturation and anti-cancer immunity. Oncolmmunology, 2017, 6, e1325981.	4.6	32
76	Recent 5-year Findings and Technological Advances in the Proteomic Study of HIV-associated Disorders. Genomics, Proteomics and Bioinformatics, 2017, 15, 110-120.	6.9	9
77	Time-dependent effect of E. coli LPS in spleen DC activation in vivo: Alteration of numbers, expression of co-stimulatory molecules, production of pro-inflammatory cytokines, and presentation of antigens. Molecular Immunology, 2017, 85, 205-213.	2.2	21
78	Rehmannia glutinosa polysaccharide induced an anti-cancer effect by activating natural killer cells. International Journal of Biological Macromolecules, 2017, 105, 680-685.	7.5	54
79	Administration of Soft Matter Lipid-DNA Nanoparticle As the Immunostimulant via Multiple Routes of Injection in Vivo. ACS Biomaterials Science and Engineering, 2017, 3, 2054-2058.	5.2	6
80	Modular delivery of CpG-incorporated lipid-DNA nanoparticles for spleen DC activation. Biomaterials, 2017, 115, 81-89.	11.4	44
81	Increased MMAB level in mitochondria as a novel biomarker of hepatotoxicity induced by Efavirenz. PLoS ONE, 2017, 12, e0188366.	2.5	2
82	Laminarin promotes anti-cancer immunity by the maturation of dendritic cells. Oncotarget, 2017, 8, 38554-38567.	1.8	45
83	Lipopolysaccharide-coated CuS nanoparticles promoted anti-cancer and anti-metastatic effect by immuno-photothermal therapy. Oncotarget, 2017, 8, 105584-105595.	1.8	24
84	Maturation of dendritic cells by pullulan promotes anti-cancer effect. Oncotarget, 2016, 7, 44644-44659.	1.8	23
85	Ginseng Berry Extract Attenuates Dextran Sodium Sulfate-Induced Acute and Chronic Colitis. Nutrients, 2016, 8, 199.	4.1	21
86	Porphyromonas gingivalis Lipopolysaccharide Induced Proliferation and Activation of Natural Killer Cells in Vivo. Molecules, 2016, 21, 1086.	3.8	14
87	Endogenous programmed death ligand-1 restrains the development and onset of Sjӧgren's syndrome in non-obese diabetic mice. Scientific Reports, 2016, 6, 39105.	3.3	27
88	Protective effect of porphyran isolated from discolored nori (Porphyra yezoensis) on lipopolysaccharide-induced endotoxin shock in mice. International Journal of Biological Macromolecules, 2016, 93, 1273-1278.	7.5	30
89	Ascophyllan functions as an adjuvant to promote anti-cancer effect by dendritic cell activation. Oncotarget, 2016, 7, 19284-19298.	1.8	37
90	Dysregulated co-stimulatory molecule expression in a Sjögren's syndrome mouse model with potential implications by microRNA-146a. Molecular Immunology, 2015, 68, 606-616.	2.2	9

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91	Correction for Jin et al., BDCA1-Positive Dendritic Cells (DCs) Represent a Unique Human Myeloid DC Subset That Induces Innate and Adaptive Immune Responses to Staphylococcus aureus Infection. Infection and Immunity, 2015, 83, 849-849.	2.2	2
92	Innate Immune Signaling Induces IL-7 Production, Early Inflammatory Responses, and Sjögren's-Like Dacryoadenitis in C57BL/6 Mice. , 2015, 56, 7831.		22
93	Fucoidan from Macrocystis pyrifera Has Powerful Immune-Modulatory Effects Compared to Three Other Fucoidans. Marine Drugs, 2015, 13, 1084-1104.	4.6	136
94	Interleukin-7 Produced by Intestinal Epithelial Cells in Response to Citrobacter rodentium Infection Plays a Major Role in Innate Immunity against This Pathogen. Infection and Immunity, 2015, 83, 3213-3223.	2.2	30
95	Interleukin-6 inhibits apoptosis of exocrine gland tissues under inflammatory conditions. Cytokine, 2015, 76, 244-252.	3.2	17
96	Fucoidan delays apoptosis and induces pro-inflammatory cytokine production in human neutrophils. International Journal of Biological Macromolecules, 2015, 73, 65-71.	7.5	38
97	Ginseng Berry Extract Promotes Maturation of Mouse Dendritic Cells. PLoS ONE, 2015, 10, e0130926.	2.5	26
98	Inhibition of Breast Cancer Resistance Protein (ABCG2) in Human Myeloid Dendritic Cells Induces Potent Tolerogenic Functions during LPS Stimulation. PLoS ONE, 2014, 9, e104753.	2.5	7
99	BDCA1-Positive Dendritic Cells (DCs) Represent a Unique Human Myeloid DC Subset That Induces Innate and Adaptive Immune Responses to Staphylococcus aureus Infection. Infection and Immunity, 2014, 82, 4466-4476.	2.2	44
100	Ascophyllan Purified from Ascophyllum nodosum Induces Th1 and Tc1 Immune Responses by Promoting Dendritic Cell Maturation. Marine Drugs, 2014, 12, 4148-4164.	4.6	61
101	Fucoidan Can Function as an Adjuvant In Vivo to Enhance Dendritic Cell Maturation and Function and Promote Antigen-Specific T Cell Immune Responses. PLoS ONE, 2014, 9, e99396.	2.5	113
102	Pathogenic Bacterial Species Associated with Endodontic Infection Evade Innate Immune Control by Disabling Neutrophils. Infection and Immunity, 2014, 82, 4068-4079.	2.2	30
103	Interleukin-6 induces the generation of IL-10-producing Tr1 cells and suppresses autoimmune tissue inflammation. Journal of Autoimmunity, 2013, 40, 28-44.	6.5	116
104	Interleukinâ€7 Enhances the Th1 Response to Promote the Development of Sjögren's Syndrome–like Autoimmune Exocrinopathy in Mice. Arthritis and Rheumatism, 2013, 65, 2132-2142.	6.7	56
105	Innate Immune Signaling Induces Interleukin-7 Production from Salivary Gland Cells and Accelerates the Development of Primary Sjӧgren's Syndrome in a Mouse Model. PLoS ONE, 2013, 8, e77605.	2.5	44
106	Muscarinic Type 3 Receptor Induces Cytoprotective Signaling in Salivary Gland Cells through Epidermal Growth Factor Receptor Transactivation. Molecular Pharmacology, 2012, 82, 115-124.	2.3	17
107	Systemic administration of TLR3 agonist induces IL-7 expression and IL-7-dependent CXCR3 ligand production in the lung. Journal of Leukocyte Biology, 2012, 93, 413-425.	3.3	18

Detection of RANKL and OPG in Chronic Periradicular Periodontitis., 2012, , 393-395.

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109	Effects of peritoneal fluid from endometriosis patients on the release of monocyte-specific chemokines by leukocytes. Archives of Gynecology and Obstetrics, 2011, 283, 1333-1341.	1.7	19
110	The Acquisition of Antigen Cross-Presentation Function by Newly Formed Dendritic Cells. Journal of Immunology, 2011, 186, 5184-5192.	0.8	101
111	T cell-Associated Cytokines in the Pathogenesis of Sjögren's Syndrome. Journal of Clinical & Cellular Immunology, 2011, S!, .	1.5	24
112	The mechanism of fucoidan-induced apoptosis in leukemic cells: Involvement of ERK1/2, JNK, glutathione, and nitric oxide. Molecular Carcinogenesis, 2010, 49, n/a-n/a.	2.7	73
113	Human Serum Mannose-binding Lectin Senses Wall Teichoic Acid Glycopolymer of Staphylococcus aureus, Which Is Restricted in Infancy. Journal of Biological Chemistry, 2010, 285, 27167-27175.	3.4	61

The anticancer effects of actinoporin RTX-A from the sea anemone Heteractis crispa (=Radianthus) Tj ETQq0 0 0 rg $\frac{\text{BT}}{1.6}$ /Overlock 10 Tf 50

115	Differential effects of triterpene glycosides, frondoside A and cucumarioside A ₂ â€2 isolated from sea cucumbers on caspase activation and apoptosis of human leukemia cells. FEBS Letters, 2009, 583, 697-702.	2.8	59
116	ORIGINAL ARTICLE: Effects of Peritoneal Fluid from Endometriosis Patients on Interferonâ€Î³â€Induced Proteinâ€10 (CXCL10) and Interleukinâ€8 (CXCL8) Released by Neutrophils and CD4 ⁺ T Cells. American Journal of Reproductive Immunology, 2009, 62, 128-138.	1.2	22
117	Ligand of scavenger receptor class A indirectly induces maturation of human blood dendritic cells via production of tumor necrosis factor-α. Blood, 2009, 113, 5839-5847.	1.4	60
118	Differential Induction of Apoptosis of Leukemic Cells by Rhizochalin, Two Headed Sphingolipids from Sponge and Its Derivatives. Biological and Pharmaceutical Bulletin, 2009, 32, 955-962.	1.4	14
119	Peritoneal fluid from endometriosis patients switches differentiation of monocytes from dendritic cells to macrophages. Journal of Reproductive Immunology, 2008, 77, 63-74.	1.9	23
120	Proapoptotic and Anticarcinogenic Activities of Leviusculoside G from the Starfish <i>Henricia leviuscula</i> and Probable Molecular Mechanism. Natural Product Communications, 2008, 3, 1934578X0800301.	0.5	3
121	Anticancer activity of 3-demethylubiquinone Q2. In vivo experiments and probable mechanism of action. Anticancer Research, 2008, 28, 927-32.	1.1	9
122	Expression of dendritic cell markers on cultured neutrophils and its modulation by anti-apoptotic and pro-apoptotic compounds. Experimental and Molecular Medicine, 2007, 39, 439-449.	7.7	9
123	Phosphatidic acid induces the differentiation of human acute promyelocytic leukemic cells into dendritic cell-like. Journal of Cellular Biochemistry, 2007, 100, 191-203.	2.6	9
124	Apoptosis of human neutrophils induced by protein phosphatase 1/2A inhibition is caspaseâ€independent and serine proteaseâ€dependent. Journal of Cellular Physiology, 2007, 212, 450-462.	4.1	15
125	Four new chamigrane sesquiterpenoids from the opistobranch mollusk Aplysia dactylomela. Russian Chemical Bulletin, 2007, 56, 2109-2114.	1.5	18
126	Delayed apoptosis and modulation of phospholipase D activity by plasmid containing mammalian cDNA in human neutrophils. Biochemical and Biophysical Research Communications, 2006, 347, 1039-1047.	2.1	3

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127	Modulation of neutrophil apoptosis by β-amyloid proteins. International Immunopharmacology, 2006, 6, 1061-1069.	3.8	10