## Jun-O Jin

## List of Publications by Year in descending order

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

#	Article	IF	CITATIONS
1	Fucoidan from Macrocystis pyrifera Has Powerful Immune-Modulatory Effects Compared to Three Other Fucoidans. Marine Drugs, 2015, 13, 1084-1104.	4.6	136
2	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
3	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
4	The Acquisition of Antigen Cross-Presentation Function by Newly Formed Dendritic Cells. Journal of Immunology, 2011, 186, 5184-5192.	0.8	101
5	Microbe-Mediated Biosynthesis of Nanoparticles: Applications and Future Prospects. Biomolecules, 2021, 11, 886.	4.0	85
6	Sarcoidosis: Causes, Diagnosis, Clinical Features, and Treatments. Journal of Clinical Medicine, 2020, 9, 1081.	2.4	81
7	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
8	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
9	The anticancer effects of actinoporin RTX-A from the sea anemone Heteractis crispa (=Radianthus) Tj ETQq1 1 (	0.784314 r 1.6	gBT/Overlock
10	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
11	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
12	Differential effects of triterpene glycosides, frondoside A and cucumarioside A <sub>2</sub> â€2 isolated from sea cucumbers on caspase activation and apoptosis of human leukemia cells. FEBS Letters, 2009, 583, 697-702.	2.8	59
13	Indocyanine green and poly I:C containingÂthermo-responsive liposomes used in immune-photothermal therapy prevent cancer growth and metastasis., 2019, 7, 220.		57
14	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
15	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
16	Fucoidan-coated CuS nanoparticles for chemo-and photothermal therapy against cancer. Oncotarget, 2018, 9, 12649-12661.	1.8	48
17	Rehmannia glutinosa polysaccharide promoted activation of human dendritic cells. International Journal of Biological Macromolecules, 2018, 116, 232-238.	7.5	46

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19	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
20	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
21	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
22	Modular delivery of CpG-incorporated lipid-DNA nanoparticles for spleen DC activation. Biomaterials, 2017, 115, 81-89.	11.4	44
23	The Therapeutic Potential of the Anticancer Activity of Fucoidan: Current Advances and Hurdles. Marine Drugs, 2021, 19, 265.	4.6	44
24	Hypericin-assisted photodynamic therapy against anaplastic thyroid cancer. Photodiagnosis and Photodynamic Therapy, 2018, 24, 15-21.	2.6	43
25	Escherichia coli adhesion portion FimH functions as an adjuvant for cancer immunotherapy. Nature Communications, 2020, 11, 1187.	12.8	43
26	Immunomodulatory effects of polysaccharides from marine algae for treating cancer, infectious disease, and inflammation. Phytotherapy Research, 2022, 36, 761-777.	5.8	39
27	Fucoidan delays apoptosis and induces pro-inflammatory cytokine production in human neutrophils. International Journal of Biological Macromolecules, 2015, 73, 65-71.	7.5	38
28	Quercetin and Coumarin Inhibit Dipeptidyl Peptidase-IV and Exhibits Antioxidant Properties: In Silico, In Vitro, Ex Vivo. Biomolecules, 2020, 10, 207.	4.0	38
29	Targeting integrins for cancer management using nanotherapeutic approaches: Recent advances and challenges. Seminars in Cancer Biology, 2021, 69, 325-336.	9.6	38
30	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
31	Ascophyllan functions as an adjuvant to promote anti-cancer effect by dendritic cell activation. Oncotarget, 2016, 7, 19284-19298.	1.8	37
32	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
33	Intramitochondrial Disulfide Polymerization Controls Cancer Cell Fate. ACS Nano, 2021, 15, 14492-14508.	14.6	33
34	<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
35	USP14 Inhibition Regulates Tumorigenesis by Inducing Autophagy in Lung Cancer In Vitro. International Journal of Molecular Sciences, 2019, 20, 5300.	4.1	32
36	Nucleic acid nanotechnology for cancer treatment. Biochimica Et Biophysica Acta: Reviews on Cancer, 2020, 1874, 188377.	7.4	31

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37	Pathogenic Bacterial Species Associated with Endodontic Infection Evade Innate Immune Control by Disabling Neutrophils. Infection and Immunity, 2014, 82, 4068-4079.	2.2	30
38	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
39	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
40	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
41	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
42	Sequential ubiquitination of p53 by TRIM28, RLIM, and MDM2 in lung tumorigenesis. Cell Death and Differentiation, 2021, 28, 1790-1803.	11.2	27
43	Bergenia Genus: Traditional Uses, Phytochemistry and Pharmacology. Molecules, 2020, 25, 5555.	3.8	26
44	Ginseng Berry Extract Promotes Maturation of Mouse Dendritic Cells. PLoS ONE, 2015, 10, e0130926.	2.5	26
45	Cancer immunotherapy by immune checkpoint blockade and its advanced application using bio-nanomaterials. Seminars in Cancer Biology, 2022, 86, 909-922.	9.6	26
46	<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
47	Cancer immunotherapy using a polysaccharide from <i>Codium fragile</i> in a murine model. Oncolmmunology, 2020, 9, 1772663.	4.6	25
48	Porphyran isolated from Pyropia yezoensis inhibits lipopolysaccharide-induced activation of dendritic cells in mice. Carbohydrate Polymers, 2020, 229, 115457.	10.2	24
49	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.	<b>7.</b> 5	24
50	Lipopolysaccharide-coated CuS nanoparticles promoted anti-cancer and anti-metastatic effect by immuno-photothermal therapy. Oncotarget, 2017, 8, 105584-105595.	1.8	24
51	T cell-Associated Cytokines in the Pathogenesis of Sjögren's Syndrome. Journal of Clinical & Cellular Immunology, 2011, S!, .	1.5	24
52	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
53	Maturation of dendritic cells by pullulan promotes anti-cancer effect. Oncotarget, 2016, 7, 44644-44659.	1.8	23
54	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

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55	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
56	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 <sup>+</sup> T Cells. American Journal of Reproductive Immunology, 2009, 62, 128-138.	1.2	22
57	Innate Immune Signaling Induces IL-7 Production, Early Inflammatory Responses, and Sjögren's-Like Dacryoadenitis in C57BL/6 Mice. , 2015, 56, 7831.		22
58	Ginseng Berry Extract Attenuates Dextran Sodium Sulfate-Induced Acute and Chronic Colitis. Nutrients, 2016, 8, 199.	4.1	21
59	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
60	Polysaccharide from Codium fragile Induces Anti-Cancer Immunity by Activating Natural Killer Cells. Marine Drugs, 2020, 18, 626.	4.6	21
61	Dendritic cell-mediated cancer immunotherapy with Ecklonia cava fucoidan. International Journal of Biological Macromolecules, 2020, 159, 941-947.	7.5	21
62	Ecklonia cava fucoidan has potential to stimulate natural killer cells in vivo. International Journal of Biological Macromolecules, 2021, 185, 111-121.	7.5	21
63	Virus-mimetic polymer nanoparticles displaying hemagglutinin as an adjuvant-free influenza vaccine. Biomaterials, 2018, 183, 234-242.	11.4	20
64	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
65	Inhibition of peroxiredoxin 2 suppresses Wnt/ $\hat{l}^2$ -catenin signaling in gastric cancer. Biochemical and Biophysical Research Communications, 2019, 512, 250-255.	2.1	19
66	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
67	Four new chamigrane sesquiterpenoids from the opistobranch mollusk Aplysia dactylomela. Russian Chemical Bulletin, 2007, 56, 2109-2114.	1.5	18
68	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
69	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
70	The Ubiquitin System: An Emerging Therapeutic Target for Lung Cancer. International Journal of Molecular Sciences, 2021, 22, 9629.	4.1	18
71	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
72	Interleukin-6 inhibits apoptosis of exocrine gland tissues under inflammatory conditions. Cytokine, 2015, 76, 244-252.	3.2	17

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73	Anti-Bacterial and Anti-Candidal Activity of Silver Nanoparticles Biosynthesized Using Citrobacter spp. MS5 Culture Supernatant. Biomolecules, 2020, 10, 944.	4.0	17
74	Inhibitory effect of porphyran on lipopolysaccharide-induced activation of human immune cells. Carbohydrate Polymers, 2020, 232, 115811.	10.2	17
75	Comparison of human peripheral blood dendritic cell activation by four fucoidans. International Journal of Biological Macromolecules, 2021, 174, 477-484.	7.5	17
76	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
77	Ascophyllan Induces Activation of Natural Killer Cells in Mice In Vivo and In Vitro. Marine Drugs, 2019, 17, 197.	4.6	16
78	<i>Escherichia coli</i> adhesin protein-conjugated thermal responsive hybrid nanoparticles for photothermal and immunotherapy against cancer and its metastasis., 2021, 9, e002666.		16
79	Therapeutics and Research Related to Glioblastoma: Advancements and Future Targets. Current Drug Metabolism, 2020, 21, 186-198.	1.2	16
80	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
81	Dual-functional alginate and collagen–based injectable hydrogel for the treatment of cancer and its metastasis. Journal of Nanobiotechnology, 2022, 20, .	9.1	15
82	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
83	Porphyromonas gingivalis Lipopolysaccharide Induced Proliferation and Activation of Natural Killer Cells in Vivo. Molecules, 2016, 21, 1086.	3.8	14
84	Activation of Human Dendritic Cells by Ascophyllan Purified from Ascophyllum nodosum. Marine Drugs, 2019, 17, 66.	4.6	14
85	Attachable Hydrogel Containing Indocyanine Green for Selective Photothermal Therapy against Melanoma. Biomolecules, 2020, 10, 1124.	4.0	14
86	Human Peripheral Blood Dendritic Cell and T Cell Activation by Codium fragile Polysaccharide. Marine Drugs, 2020, 18, 535.	4.6	14
87	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
88	Interleukin-10-Producing B Cells Help Suppress Ovariectomy-Mediated Osteoporosis. Immune Network, 2020, 20, e50.	3.6	12
89	IgLON5 Regulates the Adhesion and Differentiation of Myoblasts. Cells, 2021, 10, 417.	4.1	11
90	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

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91	Therapeutic Advancements in the Management of Diabetes Mellitus with Special Reference to Nanotechnology. Current Pharmaceutical Design, 2020, 26, 4909-4916.	1.9	11
92	Modulating the Ubiquitin–Proteasome System: A Therapeutic Strategy for Autoimmune Diseases. Cells, 2022, 11, 1093.	4.1	11
93	Modulation of neutrophil apoptosis by $\hat{l}^2$ -amyloid proteins. International Immunopharmacology, 2006, 6, 1061-1069.	3.8	10
94	Influenza mimetic protein–polymer nanoparticles as antigen delivery vehicles to dendritic cells for cancer immunotherapy. Nanoscale, 2019, 11, 13878-13884.	5.6	10
95	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
96	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
97	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
98	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
99	Pathophysiology, Clinical Characteristics of Diabetic Cardiomyopathy: Therapeutic Potential of Natural Polyphenols. Frontiers in Nutrition, 2020, 7, 564352.	3.7	9
100	Exploring the Role of Gene Therapy for Neurological Disorders. Current Gene Therapy, 2021, 21, 11-22.	2.0	9
101	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
102	Carrier-free micellar CpG interacting with cell membrane for enhanced immunological treatment of HIV-1. Biomaterials, 2021, 277, 121081.	11.4	9
103	Novel Therapeutics for the Treatment of Alzheimer's and Parkinson's Disease. Current Pharmaceutical Design, 2020, 26, 755-763.	1.9	9
104	Anticancer activity of 3-demethylubiquinone Q2. In vivo experiments and probable mechanism of action. Anticancer Research, 2008, 28, 927-32.	1.1	9
105	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
106	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
107	Ubiquitin Activating Enzyme UBA6 Regulates Th1 and Tc1 Cell Differentiation. Cells, 2022, 11, 105.	4.1	7
108	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.	<b>5.</b> 2	6

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109	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
110	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
111	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
112	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
113	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
114	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
115	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
116	Proteomics and Neurodegenerative Disorders: Advancements in the Diagnostic Analysis. Current Protein and Peptide Science, 2020, 21, 1174-1183.	1.4	4
117	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
118	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
119	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
120	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
121	Increased MMAB level in mitochondria as a novel biomarker of hepatotoxicity induced by Efavirenz. PLoS ONE, 2017, 12, e0188366.	2.5	2
122	Alumina Ceramic Exacerbates the Inflammatory Disease by Activation of Macrophages and T Cells. International Journal of Molecular Sciences, 2020, 21, 7114.	4.1	2
123	Immunotherapy for the Breast Cancer treatment: Current Evidence and Therapeutic Options. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, .	1.2	2
124	Therapeutic Potential of Algal Nanoparticles: A brief review. Combinatorial Chemistry and High Throughput Screening, 2021, 24, .	1.1	2
125	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
126	Immunostimulatory Agent Evaluation: Lymphoid Tissue Extraction and Injection Route-Dependent Dendritic Cell Activation. Journal of Visualized Experiments, 2018, , .	0.3	1

# ARTICLE IF CITATIONS

127 Detection of RANKL and OPG in Chronic Periradicular Periodontitis., 2012,, 393-395. 0