

# Lyn M Wise

## List of Publications by Year in descending order

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45  
papers

2,041  
citations

331642

21  
h-index

243610

44  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2086  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolated lymphatic endothelial cells transduce growth, survival and migratory signals via the VEGF-C/D receptor VEGFR-3. <i>EMBO Journal</i> , 2001, 20, 4762-4773.	7.8	705
2	Vascular endothelial growth factor (VEGF)-like protein from orf virus NZ2 binds to VEGFR2 and neuropilin-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 3071-3076.	7.1	254
3	Molecular Genetic Analysis of Orf Virus: A Poxvirus That Has Adapted to Skin. <i>Viruses</i> , 2015, 7, 1505-1539.	3.3	124
4	Viral Vascular Endothelial Growth Factors Vary Extensively in Amino Acid Sequence, Receptor-binding Specificities, and the Ability to Induce Vascular Permeability yet Are Uniformly Active Mitogens. <i>Journal of Biological Chemistry</i> , 2003, 278, 38004-38014.	3.4	63
5	The vascular endothelial growth factor (VEGF)-E encoded by orf virus regulates keratinocyte proliferation and migration and promotes epidermal regeneration. <i>Cellular Microbiology</i> , 2012, 14, 1376-1390.	2.1	56
6	The Cutaneous Inflammatory Response to Thermal Burn Injury in a Murine Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 538.	4.1	56
7	Sequence and Functional Analysis of a Homolog of Interleukin-10 Encoded by the Parapoxvirus Orf Virus. <i>Virus Genes</i> , 2000, 21, 85-95.	1.6	55
8	Vascular endothelial growth factors encoded by Orf virus show surprising sequence variation but have a conserved, functionally relevant structure. <i>Journal of General Virology</i> , 2002, 83, 2845-2855.	2.9	51
9	The chemokine-binding protein encoded by the poxvirus orf virus inhibits recruitment of dendritic cells to sites of skin inflammation and migration to peripheral lymph nodes. <i>Cellular Microbiology</i> , 2010, 12, 665-676.	2.1	45
10	Pseudocowpox virus Encodes a Homolog of Vascular Endothelial Growth Factor. <i>Virology</i> , 2003, 305, 298-309.	2.4	44
11	Effect of a Broad-Specificity Chemokine-Binding Protein on Brain Leukocyte Infiltration and Infarct Development. <i>Stroke</i> , 2015, 46, 537-544.	2.0	41
12	Bovine papular stomatitis virus encodes a functionally distinct VEGF that binds both VEGFR-1 and VEGFR-2. <i>Journal of General Virology</i> , 2007, 88, 781-791.	2.9	33
13	Orf virus $\llbracket$ IL $\rracket$ accelerates wound healing while limiting inflammation and scarring. <i>Wound Repair and Regeneration</i> , 2014, 22, 356-367.	3.0	33
14	Orf virus-encoded chemokine-binding protein is a potent inhibitor of inflammatory monocyte recruitment in a mouse skin model. <i>Journal of General Virology</i> , 2009, 90, 1477-1482.	2.9	32
15	Short-term treatment of equine wounds with orf virus $\llbracket$ IL $\rracket$ and VEGF dampens inflammation and promotes repair processes without accelerating closure. <i>Wound Repair and Regeneration</i> , 2016, 24, 966-980.	3.0	32
16	Structures of Orf Virus Chemokine Binding Protein in Complex with Host Chemokines Reveal Clues to Broad Binding Specificity. <i>Structure</i> , 2015, 23, 1199-1213.	3.3	28
17	Visible light mediated PVA-tyramine hydrogels for covalent incorporation and tailorable release of functional growth factors. <i>Biomaterials Science</i> , 2020, 8, 5005-5019.	5.4	27
18	Parapoxvirus of red deer in New Zealand encodes a variant of viral vascular endothelial growth factor. <i>Virus Research</i> , 2007, 124, 50-58.	2.2	26

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19	Deletion of the Chemokine Binding Protein Gene from the Parapoxvirus Orf Virus Reduces Virulence and Pathogenesis in Sheep. <i>Frontiers in Microbiology</i> , 2017, 8, 46.	3.5	25
20	The role of Langerhans cells in pathologies of the skin. <i>Immunology and Cell Biology</i> , 2019, 97, 700-713.	2.3	25
21	Orf virus interleukin-10 inhibits cytokine synthesis in activated human THP-1 monocytes, but only partially impairs their proliferation. <i>Journal of General Virology</i> , 2007, 88, 1677-1682.	2.9	22
22	Major amino acid sequence variants of viral vascular endothelial growth factor are functionally equivalent during Orf virus infection of sheep skin. <i>Virus Research</i> , 2007, 128, 115-125.	2.2	22
23	Advancements in the Delivery of Growth Factors and Cytokines for the Treatment of Cutaneous Wound Indications. <i>Advances in Wound Care</i> , 2021, 10, 596-622.	5.1	21
24	Conservation and variation of the parapoxvirus GM-CSF-inhibitory factor (GIF) proteins. <i>Journal of General Virology</i> , 2009, 90, 970-977.	2.9	20
25	Orf virus inhibits interferon stimulated gene expression and modulates the JAK/STAT signalling pathway. <i>Virus Research</i> , 2015, 208, 180-188.	2.2	20
26	Treatment of limb wounds of horses with orf virus IL-10 and VEGF-E accelerates resolution of exuberant granulation tissue, but does not prevent its development. <i>PLoS ONE</i> , 2018, 13, e0197223.	2.5	20
27	Depletion of langerin <sup>+</sup> cells enhances cutaneous wound healing. <i>Immunology</i> , 2020, 160, 366-381.	4.4	20
28	VEGF Receptor-2 Activation Mediated by VEGF-E Limits Scar Tissue Formation Following Cutaneous Injury. <i>Advances in Wound Care</i> , 2018, 7, 283-297.	5.1	19
29	A Broad-Spectrum Chemokine-Binding Protein of Bovine Papular Stomatitis Virus Inhibits Neutrophil and Monocyte Infiltration in Inflammatory and Wound Models of Mouse Skin. <i>PLoS ONE</i> , 2016, 11, e0168007.	2.5	18
30	Orf virus IL-10 reduces monocyte, dendritic cell and mast cell recruitment to inflamed skin. <i>Virus Research</i> , 2016, 213, 230-237.	2.2	16
31	Deriving Immune Modulating Drugs from Viruses – A New Class of Biologics. <i>Journal of Clinical Medicine</i> , 2020, 9, 972.	2.4	15
32	Orf Virus IL-10 and VEGF-E Act Synergistically to Enhance Healing of Cutaneous Wounds in Mice. <i>Journal of Clinical Medicine</i> , 2020, 9, 1085.	2.4	13
33	Exploitation of receptor tyrosine kinases by viral-encoded growth factors. <i>Growth Factors</i> , 2018, 36, 118-140.	1.7	10
34	Strategies for inclusion of growth factors into 3D printed bone grafts. <i>Essays in Biochemistry</i> , 2021, 65, 569-585.	4.7	9
35	Orf virus interleukin-10 and vascular endothelial growth factor modulate gene expression in cultured equine dermal fibroblasts. <i>Veterinary Dermatology</i> , 2016, 27, 434.	1.2	8
36	Chemokine-Binding Proteins Encoded by Parapoxvirus of Red Deer of New Zealand Display Evidence of Gene Duplication and Divergence of Ligand Specificity. <i>Frontiers in Microbiology</i> , 2019, 10, 1421.	3.5	8

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37	The C-terminus of viral vascular endothelial growth factor partially blocks binding to VEGF receptor-1. <i>FEBS Journal</i> , 2008, 275, 207-217.	4.7	6
38	Skin antigen-presenting cells and wound healing: New knowledge gained and challenges encountered using mouse depletion models. <i>Immunology</i> , 2021, 163, 98-104.	4.4	5
39	Vascular endothelial growth factor encoded by Parapoxviruses can regulate metabolism and survival of triple negative breast cancer cells. <i>Cell Death and Disease</i> , 2020, 11, 996.	6.3	4
40	Oestrogen deprivation induces chemokine production and immune cell recruitment in in vitro and in vivo models of oestrogen receptor-positive breast cancer. <i>Breast Cancer Research</i> , 2021, 23, 95.	5.0	3
41	Anti-fibrotic Actions of Equine Interleukin-10 on Transforming Growth Factor-Beta1-Stimulated Dermal Fibroblasts Isolated From Limbs of Horses. <i>Frontiers in Veterinary Science</i> , 2020, 7, 577835.	2.2	2
42	Time-Dependent Anti-inflammatory Effects of a Lipid Extract from <i>Macrocystis pyrifera</i> on Toll-Like Receptor 2 Signaling in Human THP-1 Monocytes. <i>Planta Medica International Open</i> , 2022, 9, e80-e89.	0.5	2
43	Parapoxvirus Interleukin-10 Homologues Vary in Their Receptor Binding, Anti-Inflammatory, and Stimulatory Activities. <i>Pathogens</i> , 2022, 11, 507.	2.8	2
44	Human Papillomavirus E6/E7 Expression in Preeclampsia-Affected Placentae. <i>Pathogens</i> , 2020, 9, 239.	2.8	1
45	Murine Model of Thermal Burn Injury for Evaluating Protein Therapeutics Derived from Viruses. <i>Methods in Molecular Biology</i> , 2021, 2225, 93-105.	0.9	0