

William D Wagner

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54
papers

3,221
citations

22
h-index

55
g-index

55
ext. papers

3,494
ext. citations

4.5
avg, IF

4.25
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 54 | Stabilizing and improving elastic bioengineered scaffolds mimicking extracellular matrix for use in wound repair and regeneration. <i>SPE Polymers</i> , 2022 , 3, 54-64 | 1.1 | |
| 53 | Syndecan-4 functionalization of tissue regeneration scaffolds improves interaction with endothelial progenitor cells.. <i>International Journal of Energy Production and Management</i> , 2021 , 8, rbab070 | 5.3 | 0 |
| 52 | Composite engineered biomaterial adaptable for repair and regeneration of wounds. <i>Wound Repair and Regeneration</i> , 2021 , 29, 335-337 | 3.6 | 0 |
| 51 | Interaction of material stiffness and negative pressure to enhance differentiation of bone marrow-derived stem cells and osteoblast proliferation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020 , 14, 295-305 | 4.4 | 6 |
| 50 | Muscadine grape skin extract inhibits prostate cancer cells by inducing cell-cycle arrest, and decreasing migration through heat shock protein 40. <i>Heliyon</i> , 2019 , 5, e01128 | 3.6 | 5 |
| 49 | Fabrication of biodegradable foams for deep tissue negative pressure treatments. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018 , 106, 1998-2007 | 3.5 | 3 |
| 48 | Muscadine Grape Skin Extract (MPX) in Men with Biochemically Recurrent Prostate Cancer: A Randomized, Multicenter, Placebo-Controlled Clinical Trial. <i>Clinical Cancer Research</i> , 2018 , 24, 306-315 | 12.9 | 24 |
| 47 | Novel nanofiber-based material for endovascular scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2015 , 103, 1150-8 | 5.4 | 15 |
| 46 | A phase I study of muscadine grape skin extract in men with biochemically recurrent prostate cancer: Safety, tolerability, and dose determination. <i>Prostate</i> , 2015 , 75, 1518-25 | 4.2 | 70 |
| 45 | Spine Fusion Using a Soft Elastomeric Nanofibrous Composite of Collagen, Poly (1,8-octanediol-co-citrate) and Chondroitin 6-sulfate. <i>FASEB Journal</i> , 2015 , 29, 1029.15 | 0.9 | |
| 44 | Properties of single electrospun poly (diol citrate)-collagen-proteoglycan nanofibers for arterial repair and in applications requiring viscoelasticity. <i>Journal of Biomaterials Applications</i> , 2014 , 28, 729-38 | 2.9 | 13 |
| 43 | A phase I trial of muscadine grape skin in men with biochemically recurrent prostate cancer.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 263-263 | 2.2 | 0 |
| 42 | Heart valve substitute fabricated from silk protein, collagen, and poly-glycerol sebacate has enhanced endothelial cell growth and reduced thrombogenicity. <i>FASEB Journal</i> , 2013 , 27, 527.4 | 0.9 | |
| 41 | Production of a biodegradable electrospun biomaterial with tensile strength and elasticity. <i>FASEB Journal</i> , 2012 , 26, 905.2 | 0.9 | |
| 40 | Development of a biodegradable foam for use in negative pressure wound therapy. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011 , 98, 316-22 | 3.5 | 10 |
| 39 | Biodegradable polymers useful in wound repair requiring negative pressure wound therapy. <i>FASEB Journal</i> , 2009 , 23, 469.7 | 0.9 | |
| 38 | Production of a nanocomposite for tissue repair application requiring viscoelasticity. <i>FASEB Journal</i> , 2009 , 23, 468.2 | 0.9 | |

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| 37 | Artery regional properties and atherosclerosis susceptibility. <i>Life Sciences</i> , 2007 , 80, 299-306 | 6.8 | 3 |
| 36 | Chitosan embedded silver nanoparticles developed to noninvasively measure tissue pressure. <i>FASEB Journal</i> , 2007 , 21, A267 | 0.9 | 3 |
| 35 | Osteomyelitis and intraosteoblastic <i>Staphylococcus aureus</i> . <i>Journal of Surgical Orthopaedic Advances</i> , 2007 , 16, 73-8 | 0.3 | 13 |
| 34 | STAT4 and the proliferation of artery smooth muscle cells in atherosclerosis. <i>Experimental and Molecular Pathology</i> , 2006 , 81, 15-22 | 4.4 | 10 |
| 33 | Reduced syndecan-4 expression in arterial smooth muscle cells with enhanced proliferation. <i>Experimental and Molecular Pathology</i> , 2005 , 78, 10-6 | 4.4 | 6 |
| 32 | Molecular interactions leading to lipoprotein retention and the initiation of atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 2211-8 | 9.4 | 78 |
| 31 | Chondroitin sulfate anticoagulant activity is linked to water transfer: relevance to proteoglycan structure in atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 1921-7 | 9.4 | 27 |
| 30 | Hyaluronan enhances contraction of collagen by smooth muscle cells and adventitial fibroblasts: Role of CD44 and implications for constrictive remodeling. <i>Circulation Research</i> , 2001 , 88, 77-83 | 15.7 | 84 |
| 29 | Lipoprotein lipase-mediated interactions of small proteoglycans and low-density lipoproteins. <i>European Journal of Cell Biology</i> , 2000 , 79, 689-96 | 6.1 | 8 |
| 28 | Influence of glucose on production and N-sulfation of heparan sulfate in cultured adipocyte cells. <i>Molecular and Cellular Biochemistry</i> , 2000 , 213, 1-9 | 4.2 | 7 |
| 27 | The heparin-binding proteins apolipoprotein E and lipoprotein lipase enhance cellular proteoglycan production. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 111-8 | 9.4 | 32 |
| 26 | Altered dermatan sulfate structure and reduced heparin cofactor II-stimulating activity of biglycan and decorin from human atherosclerotic plaque. <i>Journal of Biological Chemistry</i> , 2000 , 275, 18085-92 | 5.4 | 57 |
| 25 | Wound healing: a paradigm for lumen narrowing after arterial reconstruction. <i>Journal of Vascular Surgery</i> , 1998 , 27, 96-106; discussion 106-8 | 3.5 | 101 |
| 24 | Oligosaccharide sequence of human breast cancer cell heparan sulfate with high affinity for laminin. <i>Journal of Biological Chemistry</i> , 1998 , 273, 21111-4 | 5.4 | 17 |
| 23 | The NH ₂ -terminal region of apolipoprotein B is sufficient for lipoprotein association with glycosaminoglycans. <i>Journal of Biological Chemistry</i> , 1998 , 273, 35355-61 | 5.4 | 45 |
| 22 | Endothelial cell heparanase modulation of lipoprotein lipase activity. Evidence that heparan sulfate oligosaccharide is an extracellular chaperone. <i>Journal of Biological Chemistry</i> , 1997 , 272, 15753-9 | 5.4 | 57 |
| 21 | Effects of contraceptive estrogen and progestin on the atherogenic potential of plasma LDLs in cynomolgus monkeys. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 17, 1216-23 | 9.4 | 13 |
| 20 | Isolation of heparin-derived oligosaccharides containing 2-O-sulfated hexuronic acids, by lipoprotein lipase affinity chromatography. <i>Journal of Proteomics</i> , 1996 , 32, 27-32 | | 2 |

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|----|--|------|------|
| 19 | Effects of hormone replacement modalities on low density lipoprotein composition and distribution in ovariectomized cynomolgus monkeys. <i>Atherosclerosis</i> , 1996 , 121, 217-29 | 3.1 | 20 |
| 18 | Arterial smooth muscle cell heparan sulfate proteoglycans accelerate thrombin inhibition by heparin cofactor II. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996 , 16, 1138-46 | 9.4 | 18 |
| 17 | Differentiated macrophages synthesize a heparan sulfate proteoglycan and an oversulfated chondroitin sulfate proteoglycan that bind lipoprotein lipase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995 , 15, 400-9 | 9.4 | 68 |
| 16 | A definition of advanced types of atherosclerotic lesions and a histological classification of atherosclerosis. A report from the Committee on Vascular Lesions of the Council on Arteriosclerosis, American Heart Association. <i>Circulation</i> , 1995 , 92, 1355-74 | 16.7 | 1704 |
| 15 | Structural properties and partial protein sequence analysis of the major dermatan sulfate proteoglycan of pigeon aorta. <i>Atherosclerosis</i> , 1993 , 98, 99-111 | 3.1 | 6 |
| 14 | Chondroitin sulfate proteoglycan and heparan sulfate proteoglycan production by cultured pigeon peritoneal macrophages. <i>Journal of Leukocyte Biology</i> , 1992 , 51, 626-33 | 6.5 | 13 |
| 13 | Heterogeneity in glycosylation of dermatan sulfate proteoglycan core proteins isolated from human aorta. <i>Connective Tissue Research</i> , 1990 , 25, 35-48 | 3.3 | 17 |
| 12 | In vitro and in vivo comparative colonization of <i>Staphylococcus aureus</i> and <i>Staphylococcus epidermidis</i> on orthopaedic implant materials. <i>Biomaterials</i> , 1989 , 10, 325-8 | 15.6 | 191 |
| 11 | Low density lipoprotein interaction with artery derived proteoglycan: the influence of LDL particle size and the relationship to atherosclerosis susceptibility. <i>Atherosclerosis</i> , 1989 , 75, 49-59 | 3.1 | 24 |
| 10 | Artery wall derived proteoglycan-plasma lipoprotein interaction: lipoprotein binding properties of extracted proteoglycans. <i>Atherosclerosis</i> , 1987 , 65, 51-62 | 3.1 | 49 |
| 9 | Lipoprotein interaction with artery wall derived proteoglycan: comparisons between atherosclerosis-susceptible WC-2 and resistant Show Racer pigeons. <i>Atherosclerosis</i> , 1987 , 65, 63-73 | 3.1 | 26 |
| 8 | Plasma low density lipoprotein accumulation in aortas of hypercholesterolemic swine correlates with modifications in aortic glycosaminoglycan composition. <i>Atherosclerosis</i> , 1986 , 61, 231-6 | 3.1 | 56 |
| 7 | Proteoglycan structure and function as related to atherosclerosis. <i>Annals of the New York Academy of Sciences</i> , 1985 , 454, 52-68 | 6.5 | 50 |
| 6 | Glycosaminoglycans: their distribution and potential vasoactive action in the nonpregnant and pregnant ovine uterus. <i>American Journal of Obstetrics and Gynecology</i> , 1983 , 145, 1041-8 | 6.4 | 6 |
| 5 | Influence of dietary fats and an oral contraceptive on plasma lipids, high density lipoproteins, gallstones, and atherosclerosis in african green monkeys. <i>Atherosclerosis</i> , 1980 , 37, 103-21 | 3.1 | 23 |
| 4 | Aortic glycopeptide sialic acid, hexose and hexosamine in a genetically selected (WC-2) strain of atherosclerosis-susceptible pigeon. <i>Atherosclerosis</i> , 1979 , 34, 1-11 | 3.1 | 2 |
| 3 | A more sensitive assay discriminating galactosamine and glucosamine in mixtures. <i>Analytical Biochemistry</i> , 1979 , 94, 394-6 | 3.1 | 187 |
| 2 | Angiochemical and tissue cholesterol changes of <i>Macaca fascicularis</i> fed an atherogenic diet for 3 years. <i>Experimental and Molecular Pathology</i> , 1978 , 28, 140-53 | 4.4 | 27 |

- 1 Risk factors in pigeons genetically selected for increased atherosclerosis susceptibility. *Atherosclerosis*, **1978**, 31, 453-63 3.1 25