# CITATION REPORT List of articles citing

Fibronectin at a glance

DOI: 10.1242/jcs.00059 Journal of Cell Science, 2002, 115, 3861-3.

Source: https://exaly.com/paper-pdf/34057700/citation-report.pdf

Version: 2024-04-18

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
1550	The ins and outs of fibronectin matrix assembly. <i>Journal of Cell Science</i> , <b>2003</b> , 116, 3269-76	5.3	374
1549	Identification and characterization of a novel autolysin (Aae) with adhesive properties from Staphylococcus epidermidis. <b>2003</b> , 149, 2769-2778		154
1548	Dimensions and dynamics in integrin function. <b>2003</b> , 36, 959-66		141
1547	Sequence analysis and characterization of a novel fibronectin-binding repeat domain from the surface of Streptococcus pneumoniae. <b>2004</b> , 8, 341-56		23
1546	Rotavirus enterotoxin NSP4 binds to the extracellular matrix proteins laminin-beta3 and fibronectin. <b>2004</b> , 78, 10045-53		37
1545	Mammary epithelial-mesenchymal interaction regulates fibronectin alternative splicing via phosphatidylinositol 3-kinase. <b>2004</b> , 279, 21029-37		45
1544	Interaction of calcium-bound C-reactive protein with fibronectin is controlled by pH: in vivo implications. <b>2004</b> , 279, 52552-7		42
1543	Regulation of fibronectin by thyroid hormone receptors. <b>2004</b> , 33, 445-58		18
1542	CELL ADHESION TO POLYMER SUBSTRATES CHARACTERIZED BY THE MICROPIPETTE ASPIRATION TECHNIQUE. <b>2004</b> , 80, 895-911		3
1541	Gonadotropin-releasing hormone and TGF-beta activate MAP kinase and differentially regulate fibronectin expression in endometrial epithelial and stromal cells. <b>2004</b> , 287, E991-E1001		32
1540	Gram-positive adhesins. <b>2005</b> , 12, 90-113		18
1539	Tuning the mechanical stability of fibronectin type III modules through sequence variations. <b>2004</b> , 12, 21-30		91
1538	Actions of the functional upstream domain of protein F1 of Streptococcus pyogenes on the conformation of fibronectin. <b>2004</b> , 112, 201-7		20
1537	Analysis of fibronectin matrix assembly. <b>2004</b> , Chapter 10, Unit 10.12		33
1536	Re: Fibronectin Upregulation in Human Temporomandibular Joint Disks With Internal Derangement <b>2004</b> , 15, 684-685		
1535	Human meprin alpha and beta homo-oligomers: cleavage of basement membrane proteins and sensitivity to metalloprotease inhibitors. <b>2004</b> , 378, 383-9		139
1534	Formation of focal adhesions on fibronectin promotes fluid shear stress induction of COX-2 and PGE2 release in MC3T3-E1 osteoblasts. <b>2004</b> , 97, 135-42		71

## (2005-2005)

1533	Helicobacter pylori VacA cytotoxin interacts with fibronectin and alters HeLa cell adhesion and cytoskeletal organization in vitro. <b>2005</b> , 44, 143-50		30
1532	Requirement of km23 for TGFbeta-mediated growth inhibition and induction of fibronectin expression. <b>2005</b> , 17, 1363-72		18
1531	Migration-stimulating factor displays HEXXH-dependent catalytic activity important for promoting tumor cell migration. <b>2005</b> , 116, 378-84		22
1530	Mechanobiology in the third dimension. <b>2005</b> , 33, 1469-90		313
1529	Up-regulation of fibronectin in oesophageal squamous cell carcinoma is associated with activation of the Erk pathway. <b>2005</b> , 207, 402-9		32
1528	Citrullination of fibronectin in rheumatoid arthritis synovial tissue. <b>2005</b> , 44, 1374-82		87
1527	Ag85B of mycobacteria elicits effective CTL responses through activation of robust Th1 immunity as a novel adjuvant in DNA vaccine. <b>2005</b> , 175, 2541-7		31
1526	Integrin alpha4beta1 promotes focal adhesion kinase-independent cell motility via alpha4 cytoplasmic domain-specific activation of c-Src. <b>2005</b> , 25, 9700-12		71
1525	Integrins control motile strategy through a Rho-cofilin pathway. 2005, 169, 515-26		161
1524	pH-specific sequestration of phosphoglucose isomerase/autocrine motility factor by fibronectin and heparan sulphate. <i>Journal of Cell Science</i> , <b>2005</b> , 118, 4175-85	5.3	5
1523	Cellular fibronectin binds to lysyl oxidase with high affinity and is critical for its proteolytic activation. <b>2005</b> , 280, 24690-7		144
1522	Matrix cell adhesion activation by non-adhesion proteins. <i>Journal of Cell Science</i> , <b>2005</b> , 118, 2965-74	5.3	45
1521	A specific alpha5beta1-integrin conformation promotes directional integrin translocation and fibronectin matrix formation. <i>Journal of Cell Science</i> , <b>2005</b> , 118, 291-300	5.3	97
1520	Disabled-2 (Dab2) mediates transforming growth factor beta (TGFbeta)-stimulated fibronectin synthesis through TGFbeta-activated kinase 1 and activation of the JNK pathway. <b>2005</b> , 280, 25920-7		85
1519	Identification of a novel recognition sequence for fibronectin within the NH2-terminal beta-sandwich domain of tissue transglutaminase. <b>2005</b> , 280, 23675-83		69
1518	Quantum proteolytic activation of chemokine CCL15 by neutrophil granulocytes modulates mononuclear cell adhesiveness. <b>2005</b> , 175, 1599-608		37
1517	Cross-talk between signaling pathways regulates alternative splicing: a novel role for JNK. <b>2005</b> , 280, 25461-9		29
1516	Integrins. <b>2005</b> , 201-227		

1515	Bone Metastasis. 2005,	1
1514	Targeting invasion induction as a therapeutic strategy for the treatment of cancer. <b>2005</b> , 5, 489-503	16
1513	Extracellular matrix remodeling by human granzyme B via cleavage of vitronectin, fibronectin, and laminin. <b>2005</b> , 280, 23549-58	171
1512	The multifunctional Staphylococcus aureus autolysin aaa mediates adherence to immobilized fibrinogen and fibronectin. <b>2005</b> , 73, 4793-802	115
1511	Fibronectin is required for integrin alphavbeta6-mediated activation of latent TGF-beta complexes containing LTBP-1. <b>2005</b> , 19, 1798-808	141
1510	Are cementoblasts a subpopulation of osteoblasts or a unique phenotype?. <b>2005</b> , 84, 390-406	270
1509	Activation of valvular interstitial cells is mediated by transforming growth factor-beta1 interactions with matrix molecules. <b>2005</b> , 24, 428-37	97
1508	Glucose-induced serum- and glucocorticoid-regulated kinase activation in oncofetal fibronectin expression. <b>2005</b> , 329, 275-80	21
1507	Nanoscale features of fibronectin fibrillogenesis depend on protein-substrate interaction and cytoskeleton structure. <b>2005</b> , 88, 527-34	34
1506	Dynamics of assembly and reorganization of extracellular matrix proteins. <b>2006</b> , 75, 1-24	73
1505	Mechanotransduction involving multimodular proteins: converting force into biochemical signals. <b>2006</b> , 35, 459-88	349
1504	Promotion by fibronectin of collagen gel contraction mediated by human corneal fibroblasts. <b>2006</b> , 83, 1196-204	31
1503	Identification of a pre-mRNA splicing factor, arginine/serine-rich 3 (Sfrs3), and its co-expression with fibronectin in fetal and postnatal rabbit airway mucosal and skin wounds. <b>2006</b> , 1762, 34-45	4
1502	Does glycosylation of melanoma cells influence their interactions with fibronectin?. <b>2006</b> , 88, 527-34	14
1501	The N-terminal 70-kDa fragment of fibronectin binds to cell surface fibronectin assembly sites in the absence of intact fibronectin. <b>2006</b> , 25, 282-93	48
1500	Formation and prevention of postoperative abdominal adhesions. 2006, 132, 3-12	150
1499	FNDC3A is required for adhesion between spermatids and Sertoli cells. <b>2006</b> , 298, 498-513	45
1498	Tissue inhibitor of metalloproteinases 3 regulates extracellular matrixcell signaling during bronchiole branching morphogenesis. <b>2006</b> , 298, 540-54	40

## (2006-2006)

1497	The role of tissue transglutaminase in cell-matrix interactions. <b>2006</b> , 11, 1057-76	137
1496	The shed ectodomain of type XIII collagen associates with the fibrillar fibronectin matrix and may interfere with its assembly in vitro. <b>2006</b> , 393, 43-50	17
1495	Matrix, Extracellular and Interstitial. 2006,	4
1494	Extracellular Matrix. 2006,	
1493	Fibronectin prevents D-galactosamine/lipopolysaccharide-induced lethal hepatic failure in mice. <b>2006</b> , 25, 80-7	25
1492	Switch to an invasive growth phase in melanoma is associated with tenascin-C, fibronectin, and procollagen-I forming specific channel structures for invasion. <b>2006</b> , 210, 181-91	47
1491	Comparative proteomic analysis of extracellular matrix proteins secreted by two types of skin fibroblasts. <b>2006</b> , 6, 5868-79	33
1490	Integrin-linked kinase is an essential link between integrins and uptake of bacterial pathogens by epithelial cells. <b>2006</b> , 8, 257-66	60
1489	Role of fibronectin assembly in platelet thrombus formation. <b>2006</b> , 4, 1461-9	95
1488	Local force and geometry sensing regulate cell functions. <b>2006</b> , 7, 265-75	1728
1488 1487	Local force and geometry sensing regulate cell functions. <b>2006</b> , 7, 265-75  Modulation of cell-fibronectin matrix interactions during tissue repair. <b>2006</b> , 11, 73-8	1728 68
1487	Modulation of cell-fibronectin matrix interactions during tissue repair. <b>2006</b> , 11, 73-8  Expression of matrix metalloproteinases (MMP-2, MMP-3, and MMP-9) and fibronectin in lichen	68
1487 1486	Modulation of cell-fibronectin matrix interactions during tissue repair. <b>2006</b> , 11, 73-8  Expression of matrix metalloproteinases (MMP-2, MMP-3, and MMP-9) and fibronectin in lichen planus. <b>2006</b> , 33, 545-50  Minute changes in composition of polymer substrates produce amplified differences in cell adhesion and motility via optimal ligand conditioning. <b>2006</b> , 2, 473-82	68
1487 1486 1485	Modulation of cell-fibronectin matrix interactions during tissue repair. <b>2006</b> , 11, 73-8  Expression of matrix metalloproteinases (MMP-2, MMP-3, and MMP-9) and fibronectin in lichen planus. <b>2006</b> , 33, 545-50  Minute changes in composition of polymer substrates produce amplified differences in cell adhesion and motility via optimal ligand conditioning. <b>2006</b> , 2, 473-82	68 29 10
1487 1486 1485 1484	Modulation of cell-fibronectin matrix interactions during tissue repair. 2006, 11, 73-8  Expression of matrix metalloproteinases (MMP-2, MMP-3, and MMP-9) and fibronectin in lichen planus. 2006, 33, 545-50  Minute changes in composition of polymer substrates produce amplified differences in cell adhesion and motility via optimal ligand conditioning. 2006, 2, 473-82  Adsorption-induced fibronectin aggregation and fibrillogenesis. 2006, 298, 132-44  Fibronectin quantification without antibodies: a bioassay for the detection of the gelatin-captured	68 29 10 51
1487 1486 1485 1484 1483	Modulation of cell-fibronectin matrix interactions during tissue repair. 2006, 11, 73-8  Expression of matrix metalloproteinases (MMP-2, MMP-3, and MMP-9) and fibronectin in lichen planus. 2006, 33, 545-50  Minute changes in composition of polymer substrates produce amplified differences in cell adhesion and motility via optimal ligand conditioning. 2006, 2, 473-82  Adsorption-induced fibronectin aggregation and fibrillogenesis. 2006, 298, 132-44  Fibronectin quantification without antibodies: a bioassay for the detection of the gelatin-captured macromolecule. 2006, 68, 113-26	68 29 10 51

1479	Interactions of B16F10 melanoma cells aggregated on a cellulose substrate. <b>2006</b> , 99, 96-104	22
1478	Fibronectin as target for tumor therapy. <b>2006</b> , 118, 1331-9	176
1477	Fibronectin in blood invokes the development of focal segmental glomerulosclerosis in mouse model. <b>2006</b> , 21, 1794-802	20
1476	Therapeutic targeting of endothelial dysfunction in chronic diabetic complications. 2006, 1, 167-75	13
1475	Novel surface patterning approaches for tissue engineering and their effect on cell behavior. <b>2006</b> , 1, 73-90	44
1474	Up-regulation of Skp2 after prostate cancer cell adhesion to basement membranes results in BRCA2 degradation and cell proliferation. <b>2006</b> , 281, 22100-22107	39
1473	Podocyte-specific deletion of integrin-linked kinase results in severe glomerular basement membrane alterations and progressive glomerulosclerosis. <b>2006</b> , 17, 1334-44	124
1472	Implications of tissue transglutaminase expression in malignant melanoma. <b>2006</b> , 5, 1493-503	79
1471	Lower expression of the alpha2,3-sialylated fibronectin glycoform and appearance of the asialo-fibronectin glycoform are associated with high concentrations of fibronectin in human seminal plasma with abnormal semen parameters. <b>2006</b> , 44, 1119-25	17
1470	Urokinase-receptor (u-PAR): an essential player in multiple games of cancer: a review on its role in tumor progression, invasion, metastasis, proliferation/dormancy, clinical outcome and minimal residual disease. <b>2006</b> , 5, 1760-71	83
1469	Power Laws, Scale-Free Networks and Genome Biology. <b>2006</b> ,	22
1468	A unique monoclonal antibody against human plasma fibronectin, which recognizes an epitope on the surface of a subpopulation of polymorphonuclear neutrophils. <b>2006</b> , 25, 202-8	1
1467	Spontaneous formation of L-isoaspartate and gain of function in fibronectin. <b>2006</b> , 281, 36466-76	160
1466	Constitutive and UV-induced fibronectin degradation is a ubiquitination-dependent process controlled by beta-TrCP. <b>2006</b> , 281, 23060-5	17
1465	Phosphatidylinositol mannoside from Mycobacterium tuberculosis binds alpha5beta1 integrin (VLA-5) on CD4+ T cells and induces adhesion to fibronectin. <b>2006</b> , 177, 2959-68	31
1464	Epithelial-derived fibronectin expression, signaling, and function in intestinal inflammation. <b>2007</b> , 282, 32965-73	52
1463	Expression and functional characterization of the cancer-related serine protease, human tissue kallikrein 14. <b>2007</b> , 282, 2405-22	83
1462	Recombinant tetra-cell adhesion motifs supports adhesion, migration and proliferation of keratinocytes/fibroblasts, and promotes wound healing. <b>2007</b> , 39, 663-72	11

1461	Native and fragmented fibronectin oppositely modulate monocyte secretion of MMP-9. <b>2007</b> , 81, 1466-76	5	35
1460	Redefining the role of ectoderm in somitogenesis: a player in the formation of the fibronectin matrix of presomitic mesoderm. <b>2007</b> , 134, 3155-65		48
1459	Force-induced unfolding of fibronectin in the extracellular matrix of living cells. 2007, 5, e268		308
1458	The RGD motif in fibronectin is essential for development but dispensable for fibril assembly. <b>2007</b> , 178, 167-78		158
1457	A novel role for Lsc/p115 RhoGEF and LARG in regulating RhoA activity downstream of adhesion to fibronectin. <i>Journal of Cell Science</i> , <b>2007</b> , 120, 3989-98	.3	99
1456	Matrix fibronectin binds gammaretrovirus and assists in entry: new light on viral infections. <b>2007</b> , 81, 8247-57		15
1455	Age-dependent differential expression of fibronectin variants in skin and airway mucosal wounds. <b>2007</b> , 133, 919-24		12
1454	Multiple cardiovascular defects caused by the absence of alternatively spliced segments of fibronectin. <b>2007</b> , 311, 11-24		107
1453	Use of SILAC for exploring sheddase and matrix degradation of fibroblasts in culture by the PIII SVMP atrolysin A: identification of two novel substrates with functional relevance. <b>2007</b> , 465, 11-5		21
1452	Atomic force microscopic investigation on the potential early intermediate stages of fibrillogenesis of fibronectin within fibrils. <b>2007</b> , 361, 391-7		12
1451	Single-molecule dynamic force spectroscopy of the fibronectin-heparin interaction. <b>2007</b> , 364, 595-600		9
1450	Cardiac valve interstitial cells secrete fibronectin and form fibrillar adhesions in response to injury. <b>2007</b> , 16, 203-11		39
1449	Effects of plasma fibronectin on the healing of full-thickness skin wounds in streptozotocin-induced diabetic rats. <b>2007</b> , 138, 64-70		62
1448	Fibronectin-alpha4beta1 integrin interactions regulate metalloproteinase-9 expression in steatotic liver ischemia and reperfusion injury. <b>2007</b> , 170, 567-77		54
1447	Luteogenic hormones act through a vascular endothelial growth factor-dependent mechanism to up-regulate alpha 5 beta 1 and alpha v beta 3 integrins, promoting the migration and survival of human luteinized granulosa cells. <b>2007</b> , 170, 1561-72		15
1446	Peptides derived from fibronectin type III connecting segments promote endothelial cell adhesion but not platelet adhesion: implications in tissue-engineered vascular grafts. <b>2007</b> , 13, 2653-66		24
1445	Leptospira interrogans endostatin-like outer membrane proteins bind host fibronectin, laminin and regulators of complement. <b>2007</b> , 2, e1188		159
1444	Stimulation of corneal epithelial migration by a synthetic peptide (PHSRN) corresponding to the second cell-binding site of fibronectin. <b>2007</b> , 48, 1110-8		38

1443	Endothelin-1-mediated signaling in the expression of matrix metalloproteinases and tissue inhibitors of metalloproteinases in astrocytes. <b>2007</b> , 48, 3737-45	57
1442	Inhibition of hepatocarcinoma and tumor metastasis to liver by gene therapy with recombinant CBD-HepII polypeptide of fibronectin. <b>2007</b> , 121, 184-92	21
1441	Fibronectin silanized titanium alloy: a bioinductive and durable coating to enhance fibroblast attachment in vitro. <b>2007</b> , 83, 1032-1038	62
1440	GPI-anchored CEA family glycoproteins CEA and CEACAM6 mediate their biological effects through enhanced integrin alpha5beta1-fibronectin interaction. <b>2007</b> , 210, 757-65	43
1439	Basic fibroblast growth factor stimulates fibronectin expression through phospholipase C gamma, protein kinase C alpha, c-Src, NF-kappaB, and p300 pathway in osteoblasts. <b>2007</b> , 211, 45-55	40
1438	Cell-matrix adhesion. <b>2007</b> , 213, 565-73	693
1437	Gene expression and internalization following vector adsorption to immobilized proteins: dependence on protein identity and density. <b>2007</b> , 9, 668-78	66
1436	The interrelated role of fibronectin and interleukin-1 in biomaterial-modulated macrophage function. <b>2007</b> , 28, 371-82	55
1435	Effect of packed red blood cells transfusion on plasma fibronectin during liver resection. 2007, 17, 115-8	6
1434	Adrenocortical zonation factor 1 is a novel matricellular protein promoting integrin-mediated adhesion of adrenocortical and vascular smooth muscle cells. <b>2007</b> , 274, 2506-22	29
1433	Identification of novel fibronectin fragments detected specifically in juvenile urine. 2007, 274, 3939-47	5
1432	Transforming growth factor-beta1 regulates fibronectin isoform expression and splicing factor SRp40 expression during ATDC5 chondrogenic maturation. <b>2007</b> , 313, 1518-32	28
1431	The extracellular matrix and blood vessel formation: not just a scaffold. <b>2007</b> , 11, 176-205	151
1430	Molecular basis for the presence of glycosylated onco-foetal fibronectin in oral carcinomas: the production of glycosylated onco-foetal fibronectin by carcinoma cells. <b>2007</b> , 43, 301-9	16
1429	Integrin alpha5 is involved in fibronectin-induced human extravillous trophoblast invasion. <b>2007</b> , 73, 1-10	14
1428	Chronoregulation by asparagine deamidation. <b>2007</b> , 2007, re7	28
1427	Growth factor binding to the pericellular matrix and its importance in tissue engineering. 2007, 59, 1366-81	232
1426	Unveiling molecular mechanisms of bacterial surface proteins: Streptococcus pneumoniae as a model organism for structural studies. <b>2007</b> , 64, 2799-822	40

1425	Halothane affects focal adhesion proteins in the A 549 cells. <b>2007</b> , 295, 59-64	4
1424	Wheat VIN3-like PHD finger genes are up-regulated by vernalization. <b>2007</b> , 277, 301-13	46
1423	Size distribution and molecular associations of plasma fibronectin and fibronectin crosslinked by transglutaminase 2. <b>2008</b> , 27, 223-33	36
1422	Extended and bent conformations of the mannose receptor family. 2008, 65, 1302-10	51
1421	An earthworm protease cleaving serum fibronectin and decreasing HBeAg in HepG2.2.15 cells. <b>2008</b> , 9, 30	4
1420	New insights into form and function of fibronectin splice variants. <b>2008</b> , 216, 1-14	233
1419	Semiquantitative evaluation of fibronectin adsorption on unmodified and sulfonated polystyrene, as related to cell adhesion. <b>2008</b> , 87, 944-56	9
1418	Differential regulation of the lateral mobility of plasma membrane phospholipids by the extracellular matrix and cholesterol. <b>2008</b> , 215, 550-61	3
1417	Construction of multi-functional extracellular matrix proteins that promote tube formation of endothelial cells. <b>2008</b> , 29, 2977-86	40
1416	Fluorescein isothiocyanate-labeled human plasma fibronectin in extracellular matrix remodeling. <b>2008</b> , 372, 62-71	39
1415	Formation and activation of fibroblast spheroids depend on fibronectin-integrin interaction. <b>2008</b> , 314, 3444-52	61
1414	The urokinase receptor (u-PAR)a link between tumor cell dormancy and minimal residual disease in bone marrow?. <b>2008</b> , 116, 602-14	44
1413	Distinct FAK-Src activation events promote alpha5beta1 and alpha4beta1 integrin-stimulated neuroblastoma cell motility. <b>2008</b> , 27, 1439-48	81
1412	Staphylococcus aureus SigB activity promotes a strong fibronectin-bacterium interaction which may sustain host tissue colonization by small-colony variants isolated from cystic fibrosis patients. <b>2008</b> , 70, 1540-55	43
1411	Uteroglobin interacts with the heparin-binding site of fibronectin and prevents fibronectin-IgA complex formation found in IgA-nephropathy. <b>2008</b> , 582, 611-5	4
1410	The role of integrin binding sites in fibronectin matrix assembly in vivo. <b>2008</b> , 20, 502-7	216
1409	Meprins, membrane-bound and secreted astacin metalloproteinases. <b>2008</b> , 29, 309-28	153
1408	Assay to mechanically tune and optically probe fibrillar fibronectin conformations from fully relaxed to breakage. <b>2008</b> , 27, 451-61	91

1407	optimal delivery systems for bone morphogenetic proteins in orthopedic applications should model initial tissue repair structures by using a heparin-incorporated fibrin-fibronectin matrix. <b>2008</b> , 71, 374-8	30
1406	Recombinant CBD-HepII polypeptide of fibronectin inhibits alphavbeta3 signaling and hematogenous metastasis of tumor. <b>2008</b> , 367, 144-9	22
1405	Oxidative stress-induced, poly(ADP-ribose) polymerase-dependent upregulation of ET-1 expression in chronic diabetic complications. <b>2008</b> , 86, 365-72	41
1404	EDA Fibronectin Isoform of Amniotic Fluid in Relation to Normal Pregnancy Stages and to Pregnancies Complicated by Fetal Postmaturity Syndrome. <b>2008</b> , 29, 299-306	
1403	Force-induced fibronectin fibrillogenesis in vitro. <b>2008</b> , 4, 1998	46
1402	Stimulation of lung carcinoma cell growth by fibronectin-integrin signalling. 2008, 4, 1160-9	58
1401	Fibronectin adsorption on tantalum: the influence of nanoroughness. <b>2008</b> , 112, 8241-9	94
1400	Extracellular matrix dynamics in development and regenerative medicine. <i>Journal of Cell Science</i> , <b>2008</b> , 121, 255-64	720
1399	Guanylate binding protein-1 inhibits spreading and migration of endothelial cells through induction of integrin alpha4 expression. <b>2008</b> , 22, 4168-78	56
1398	The major pilin subunit of the AAF/II fimbriae from enteroaggregative Escherichia coli mediates binding to extracellular matrix proteins. <b>2008</b> , 76, 4378-84	55
1397	Fibronectin glomerulopathy: an uncommon cause of nephrotic syndrome in systemic lupus erythematosus. <b>2008</b> , 1, 225-7	4
1396	Prothrombotic effects of fibronectin isoforms containing the EDA domain. 2008, 28, 296-301	40
1395	In adrenal glomerulosa cells, angiotensin II inhibits proliferation by interfering with fibronectin-integrin signaling. <b>2008</b> , 149, 3435-45	15
1394	Structural basis for the interaction of isoDGR with the RGD-binding site of alphavbeta3 integrin. <b>2008</b> , 283, 19757-68	78
1393	Extracellular matrix fibronectin mechanically couples skeletal muscle contraction with local vasodilation. <b>2008</b> , 102, 372-9	58
1392	Rho-ROCK signaling differentially regulates chondrocyte spreading on fibronectin and bone sialoprotein. <b>2008</b> , 295, C38-49	11
1391	Surface modification of biomaterials to control adhesion of cells. <b>2008</b> , 39, 247-251	16
1390	Macrophage-derived SPARC bridges tumor cell-extracellular matrix interactions toward metastasis. <b>2008</b> , 68, 9050-9	146

#### (2009-2008)

1389	host. <b>2008</b> , 4, e1000169		92
1388	Glutaminyl cyclases from animals and plants: a case of functionally convergent protein evolution. <b>2008</b> , 389, 983-91		73
1387	Fibronectin facilitates the invasion of Orientia tsutsugamushi into host cells through interaction with a 56-kDa type-specific antigen. <b>2008</b> , 198, 250-7		48
1386	HUGO (FNDC3A): a new gene overexpressed in human odontoblasts. 2008, 87, 131-6		6
1385	Epidermal growth factor synergism with TGF-beta1 via PI-3 kinase activity in corneal keratocyte differentiation. <b>2008</b> , 49, 2936-45		55
1384	Fibrillin-1 microfibril deposition is dependent on fibronectin assembly. <i>Journal of Cell Science</i> , <b>2008</b> , 121, 2696-704	5.3	108
1383	An essential role for fibronectin extra type III domain A in pulmonary fibrosis. 2008, 177, 638-45		211
1382	The neovasculature homing motif NGR: more than meets the eye. <b>2008</b> , 112, 2628-35		163
1381	Noncollagenous Bone Matrix Proteins. <b>2008</b> , 335-349		10
1380	Fibronectin pattern in benign hyperplasia and cancer of the prostate. <b>2008</b> , 25, 49-58		14
1379	Translating Mechanical Force into Discrete Biochemical Signal Changes. 286-338		
1378	Upregulation of ZO-1 in cultured human corneal epithelial cells by a peptide (PHSRN) corresponding to the second cell-binding site of fibronectin. <b>2009</b> , 50, 2757-64		17
1377	Emerging concepts in engineering extracellular matrix variants for directing cell phenotype. <b>2009</b> , 4, 593-600		56
1376	Fibronectin binds and enhances the activity of bone morphogenetic protein 1. <b>2009</b> , 284, 25879-88		66
1375	Borrelia burgdorferi RevA antigen binds host fibronectin. <b>2009</b> , 77, 2802-12		70
1374	Identification and structural analysis of type I collagen sites in complex with fibronectin fragments. <b>2009</b> , 106, 4195-200		75
1373	Integrin-linked kinase is required for vitronectin-mediated internalization of Streptococcus pneumoniae by host cells. <i>Journal of Cell Science</i> , <b>2009</b> , 122, 256-67	5.3	101
1372	Antibody library-based tumor endothelial cells surface proteomic functional screen reveals migration-stimulating factor as an anti-angiogenic target. <b>2009</b> , 8, 816-26		17

1371	RECK forms cowbell-shaped dimers and inhibits matrix metalloproteinase-catalyzed cleavage of fibronectin. <b>2009</b> , 284, 3461-9	48
1370	ECM and FGF-dependent assay of embryonic SMG epithelial morphogenesis: investigating growth factor/matrix regulation of gene expression during submandibular gland development. <b>2009</b> , 522, 319-30	23
1369	Cell nanomechanics and focal adhesions are regulated by retinol and conjugated linoleic acid in a dose-dependent manner. <b>2009</b> , 20, 285103	11
1368	Effects of immobilized glycosaminoglycans on the proliferation and differentiation of mesenchymal stem cells. <b>2009</b> , 15, 3499-512	78
1367	Biocompatibility Aspects of NiTi-Based Medical Implants. <b>2009</b> , 631-632, 175-179	
1366	Fibrillin assembly requires fibronectin. <b>2009</b> , 20, 846-58	171
1365	Expression, purification and characterization of soluble recombinant periostin protein produced by Escherichia coli. <b>2009</b> , 146, 713-23	10
1364	Analysis of the collagen I and fibronectin of temporomandibular joint synovial fluid and discs. <b>2009</b> , 67, 105-13	7
1363	Disruption of the novel gene fad104 causes rapid postnatal death and attenuation of cell proliferation, adhesion, spreading and migration. <b>2009</b> , 315, 809-19	26
1362	Nemosis, a novel way of fibroblast activation, in inflammation and cancer. <b>2009</b> , 315, 1633-8	54
1361	Mapping the Interactions among Biomaterials, Adsorbed Proteins, and Human Embryonic Stem Cells. <b>2009</b> , 21, 2781-2786	63
1360	Lysyl oxidase-like 2 promotes migration in noninvasive breast cancer cells but not in normal breast epithelial cells. <b>2009</b> , 125, 318-27	63
1359	A novel human fibronectin cryptic sequence unmasked by the insertion of the angiogenesis-associated extra type III domain B. <b>2009</b> , 125, 751-8	24
1358	Fibronectin modulates osteoblast behavior on Nitinol. <b>2009</b> , 88, 787-96	8
1357	Myocilin promotes substrate adhesion, spreading and formation of focal contacts in podocytes and mesangial cells. <b>2009</b> , 131, 167-80	21
1356	Enhanced osteoblast adhesion on transglutaminase 2-crosslinked fibronectin. <b>2009</b> , 36, 747-53	27
1355	Controlling integrin specificity and stem cell differentiation in 2D and 3D environments through regulation of fibronectin domain stability. <b>2009</b> , 30, 1089-97	274
1354	Improved functions of human hepatocytes on NH3 plasma-grafted PEEK-WC-PU membranes. <b>2009</b> , 30, 4348-56	50

#### (2009-2009)

1353	dimensional formats. <b>2009</b> , 30, 6614-20	11
1352	Multilayer coatings on biomaterials for control of MG-63 osteoblast adhesion and growth. <b>2009</b> , 20, 897-907	28
1351	Roles of reactive oxygen species in CXCL8 and CCL2 expression in response to the 30-kDa antigen of Mycobacterium tuberculosis. <b>2009</b> , 29, 46-56	25
1350	Differences between the early and advanced stages of rheumatoid arthritis in the expression of EDA-containing fibronectin. <b>2009</b> , 29, 1397-401	6
1349	Effect of D to E mutation of the RGD motif in rhodostomin on its activity, structure, and dynamics: importance of the interactions between the D residue and integrin. <b>2009</b> , 76, 808-21	12
1348	Quantification of fibronectin 1 (FN1) splice variants, including two novel ones, and analysis of integrins as candidate FN1 receptors in bovine preimplantation embryos. <b>2009</b> , 9, 1	43
1347	Proteolytic activity in wound fluids and tissues derived from chronic venous leg ulcers. <b>2009</b> , 17, 832-9	98
1346	Presence of high-molecular-weight forms and domain alterations of fibronectin in pleural effusion of patients with lung cancer. <b>2009</b> , 42, 654-61	12
1345	Biological activity of the substrate-induced fibronectin network: insight into the third dimension through electrospun fibers. <b>2009</b> , 25, 10893-900	45
1344	A Fluorescent Polymer for Patterning of Mesenchymal Stem Cells. <b>2009</b> , 42, 3326-3332	24
1343	Fibroblast growth factor-2 modulates melanoma adhesion and migration through a syndecan-4-dependent mechanism. <b>2009</b> , 41, 1323-31	50
1342	Cloning and characterization of a novel intracellular protein p48.2 that negatively regulates cell cycle progression. <b>2009</b> , 41, 2240-50	15
1341	Functional properties of fibronectin in the trabecular meshwork. <b>2009</b> , 88, 689-93	52
1340	A HindIII polymorphism of fibronectin gene is associated with nephrolithiasis. <b>2009</b> , 74, 1004-7	11
1339	Delivering cytokines at tumor site: The immunocytokine-conjugated anti-EDB-fibronectin antibody case. <b>2009</b> , 214, 800-10	22
1338	Fibronectin is a TH1-specific molecule in human subjects. <b>2009</b> , 124, 528-35, 535.e1-5	25
1337	Senescent peritoneal mesothelial cells promote ovarian cancer cell adhesion: the role of oxidative stress-induced fibronectin. <b>2009</b> , 174, 1230-40	56
1336	Chapter 1. Focal adhesions: new angles on an old structure. <b>2009</b> , 277, 1-65	65

1335	Fluorescent labeling techniques for investigation of fibronectin fibrillogenesis (labeling fibronectin fibrillogenesis). <b>2009</b> , 522, 261-74	14
1334	Extracellular Matrix Protocols. 2009,	2
1333	Direct measurement of Mycobacterium-fibronectin interactions. <b>2009</b> , 1, 296-300	28
1332	La matriz extracelular: morfologa, funcia y biotensegridad (parte I). <b>2009</b> , 42, 249-261	7
1331	Atomic force microscopy evidence for conformational changes of fibronectin adsorbed on unmodified and sulfonated polystyrene surfaces. <b>2009</b> , 91, 1239-51	13
1330	Experimentally induced eosinophilic polyps in rabbit sinuses. <b>2010</b> , 24, 341-7	7
1329	Effect of multimerization of a linear Arg-Gly-Asp peptide on integrin binding affinity and specificity. <b>2010</b> , 33, 370-8	19
1328	Rho-mDia1 pathway is required for adhesion, migration, and T-cell stimulation in dendritic cells. <b>2010</b> , 116, 5875-84	41
1327	Premetastatic Niches. <b>2010</b> , 161-182	
1326	Engineering ECM Complexity into Biomaterials for Directing Cell Fate. <b>2010</b> , 1-18	4
1326 1325	Engineering ECM Complexity into Biomaterials for Directing Cell Fate. <b>2010</b> , 1-18  Coimmobilization of heparin/fibronectin mixture on titanium surfaces and their blood compatibility. <b>2010</b> , 81, 255-62	32
	Coimmobilization of heparin/fibronectin mixture on titanium surfaces and their blood	
1325	Coimmobilization of heparin/fibronectin mixture on titanium surfaces and their blood compatibility. <b>2010</b> , 81, 255-62  Do drainage liquid characteristics serve as predictors for seroma formation after incisional hernia	32
1325	Coimmobilization of heparin/fibronectin mixture on titanium surfaces and their blood compatibility. <b>2010</b> , 81, 255-62  Do drainage liquid characteristics serve as predictors for seroma formation after incisional hernia repair?. <b>2010</b> , 14, 175-9	32
1325 1324 1323	Coimmobilization of heparin/fibronectin mixture on titanium surfaces and their blood compatibility. 2010, 81, 255-62  Do drainage liquid characteristics serve as predictors for seroma formation after incisional hernia repair?. 2010, 14, 175-9  Syndecans as receptors and organizers of the extracellular matrix. 2010, 339, 31-46  A fibrillar form of fibronectin induces apoptosis by activating SHP-2 and stress fiber formation.	32 11 177
1325 1324 1323	Coimmobilization of heparin/fibronectin mixture on titanium surfaces and their blood compatibility. 2010, 81, 255-62  Do drainage liquid characteristics serve as predictors for seroma formation after incisional hernia repair?. 2010, 14, 175-9  Syndecans as receptors and organizers of the extracellular matrix. 2010, 339, 31-46  A fibrillar form of fibronectin induces apoptosis by activating SHP-2 and stress fiber formation. 2010, 15, 915-26	32 11 177 4
1325 1324 1323 1322	Coimmobilization of heparin/fibronectin mixture on titanium surfaces and their blood compatibility. 2010, 81, 255-62  Do drainage liquid characteristics serve as predictors for seroma formation after incisional hernia repair?. 2010, 14, 175-9  Syndecans as receptors and organizers of the extracellular matrix. 2010, 339, 31-46  A fibrillar form of fibronectin induces apoptosis by activating SHP-2 and stress fiber formation. 2010, 15, 915-26  Cell sheet integrity and nanomechanical breakdown during programmed cell death. 2010, 48, 1015-22  Functionalization of electrospun fibers of poly(epsilon-caprolactone) with star shaped	32 11 177 4 3

1317	Association of Bordetella dermonecrotic toxin with the extracellular matrix. <b>2010</b> , 10, 247	2
1316	Development of a highly metastatic model that reveals a crucial role of fibronectin in lung cancer cell migration and invasion. <b>2010</b> , 10, 364	55
1315	Fps/Fes protein-tyrosine kinase regulates mast cell adhesion and migration downstream of Kit and beta1 integrin receptors. <b>2010</b> , 22, 427-36	17
1314	Identification of a fibronectin interaction site in the extracellular matrix protein ameloblastin. <b>2010</b> , 316, 1202-12	35
1313	Isolation and characterization of a large soluble form of fibronectin that stimulates adhesion, spreading, and alignment of mouse erythroleukemia cells. <b>2010</b> , 316, 2402-13	5
1312	The study of specific and nonspecific hepatoma cells behavior by means of plasma-treated substrates. <b>2010</b> , 94, 97-107	
1311	Glut1/SLC2A1 is crucial for the development of the blood-brain barrier in vivo. 2010, 68, 835-44	61
1310	Endothelial cell recovery, acute thrombogenicity, and monocyte adhesion and activation on fluorinated copolymer and phosphorylcholine polymer stent coatings. <b>2010</b> , 31, 648-57	63
1309	Influence of silica particle internalization on adhesion and migration of human dermal fibroblasts. <b>2010</b> , 31, 8465-74	95
1308	A high throughput micro-array system of polymer surfaces for the manipulation of primary pancreatic islet cells. <b>2010</b> , 31, 8989-95	24
1307	Molecular assembly and biological activity of a recombinant fragment of fibronectin (FNIII(7-10)) on poly(ethyl acrylate). <b>2010</b> , 78, 310-6	14
1306	Pre-treatment of titanium surfaces by fibronectin: in situ adsorption and effect of concentration. <b>2010</b> , 42, 457-461	15
1305	Scl1, the multifunctional adhesin of group A Streptococcus, selectively binds cellular fibronectin and laminin, and mediates pathogen internalization by human cells. <b>2010</b> , 303, 61-8	56
1304	Production of therapeutic proteins in algae, analysis of expression of seven human proteins in the chloroplast of Chlamydomonas reinhardtii. <b>2010</b> , 8, 719-33	219
1303	The distribution of fibronectin in developing zebrafish (Danio rerio) cartilage. <b>2010</b> , 26, 205-209	5
1302	The Fibrillar Extracellular Matrix of the Trabecular Meshwork. <b>2010</b> , 135-141	
1301	Campylobacter jejuni FlpA binds fibronectin and is required for maximal host cell adherence. <b>2010</b> , 192, 68-76	86
1300	The third type III module of human fibronectin mediates cell adhesion and migration. <b>2010</b> , 147, 327-35	15

1299	Autocrine fibronectin directs matrix assembly and crosstalk between cell-matrix and cell-cell adhesion in vascular endothelial cells. <i>Journal of Cell Science</i> , <b>2010</b> , 123, 3989-99	58
1298	Alternative splicing of the angiogenesis associated extra-domain B of fibronectin regulates the accessibility of the B-C loop of the type III repeat 8. <b>2010</b> , 5, e9145	17
1297	Ail binding to fibronectin facilitates Yersinia pestis binding to host cells and Yop delivery. <b>2010</b> , 78, 3358-68	61
1296	Endothelial alpha5 and alphav integrins cooperate in remodeling of the vasculature during development. <b>2010</b> , 137, 2439-49	123
1295	iso-DGR sequences do not mediate binding of fibronectin N-terminal modules to adherent fibronectin-null fibroblasts. <b>2010</b> , 285, 8563-71	19
1294	Incorporation of tenascin-C into the extracellular matrix by periostin underlies an extracellular meshwork architecture. <b>2010</b> , 285, 2028-39	203
1293	Rice leaf inclination2, a VIN3-like protein, regulates leaf angle through modulating cell division of the collar. <b>2010</b> , 20, 935-47	108
1292	Inflammation-dependent alpha 5 beta 1 (very late antigen-5) expression on leukocytes reveals a functional role for this integrin in acute peritonitis. <b>2010</b> , 87, 877-84	9
1291	Elongated fibrillar structure of a streptococcal adhesin assembled by the high-affinity association of alpha- and PPII-helices. <b>2010</b> , 107, 5983-8	72
1290	Extracellular matrix and growth factors in salivary gland development. <b>2010</b> , 14, 48-77	25
1289	Short hairpin RNA-mediated fibronectin knockdown delays tumor growth in a mouse glioma model. <b>2010</b> , 12, 837-47	41
1288	Mesenchymal stem cells, osteoblasts and extracellular matrix proteins: enhancing cell adhesion and differentiation for bone tissue engineering. <b>2010</b> , 16, 405-12	110
1287	Combinatorial extracellular matrices for human embryonic stem cell differentiation in 3D. <b>2010</b> , 11, 1909-14	65
1286	Role of altered sialylation of the I-like domain of beta1 integrin in the binding of fibronectin to beta1 integrin: thermodynamics and conformational analyses. <b>2010</b> , 99, 208-17	25
1285	UV laser-ablated surface textures as potential regulator of cellular response. <b>2010</b> , 5, 53-9	22
1284	Selective breast cancer cell capture, culture, and immunocytochemical analysis using self-assembled magnetic bead patterns in a microfluidic chip. <b>2010</b> , 26, 6091-6	42
1283	Ion-specific effects on the interaction between fibronectin and negatively charged mica surfaces. <b>2010</b> , 26, 5304-8	24
1282	The extracellular matrix at a glance. <i>Journal of Cell Science</i> , <b>2010</b> , 123, 4195-200 5.3	2175

1281	Complementary effects of multi-protein components on biomineralization in vitro. 2010, 170, 83-92	12
1280	Periodic beaded-filament assembly of fibronectin on negatively charged surface. <b>2010</b> , 170, 50-9	31
1279	Cryptic domains of tenascin-C differentially control fibronectin fibrillogenesis. <b>2010</b> , 29, 573-85	20
1278	Emerging roles of fibronectin in thrombosis. <b>2010</b> , 125, 287-91	50
1277	Conditional knockout of fibronectin abrogates mouse mammary gland lobuloalveolar differentiation. <b>2010</b> , 346, 11-24	25
1276	Vascular basement membrane thickening in diabetic retinopathy. <b>2010</b> , 35, 1045-56	90
1275	Metastatic outgrowth encompasses COL-I, FN1, and POSTN up-regulation and assembly to fibrillar networks regulating cell adhesion, migration, and growth. <b>2010</b> , 177, 387-403	84
1274	Stem Cells in the Respiratory System. <b>2010</b> ,	
1273	Novel 1-D biophotonic nanohybrids: protein nanofibers meet quantum dots. <b>2011</b> , 7, 2011	14
1272	Integrins and their ligands in rheumatoid arthritis. <b>2011</b> , 13, 244	59
1271	Adsorption and conformation behavior of biotinylated fibronectin on streptavidin-modified TiO(X) surfaces studied by SPR and AFM. <b>2011</b> , 27, 7743-51	33
1270	miR-146a-Mediated extracellular matrix protein production in chronic diabetes complications. <b>2011</b> , 60, 2975-84	159
1269	Fibronectin conformation switch induced by coadsorption with human serum albumin. <b>2011</b> , 27, 312-9	27
1268	Immunization of apoE-/- mice with aldehyde-modified fibronectin inhibits the development of atherosclerosis. <b>2011</b> , 91, 528-36	25
1267	Activation of pro-uPA is critical for initial escape from the primary tumor and hematogenous dissemination of human carcinoma cells. <b>2011</b> , 13, 806-21	35
1266	Fibronectin potentiates topical erythropoietin-induced wound repair in diabetic mice. <b>2011</b> , 131, 1365-74	47
1265	Effects of Mechanical Stress on Cells. <b>2011</b> , 73-80	1
1264	Role of superhydrophobicity in the biological activity of fibronectin at the cellmaterial interface. <b>2011</b> , 7, 10803	55

1263	Insights into the local pathogenesis induced by fish toxins: role of natterins and nattectin in the disruption of cell-cell and cell-extracellular matrix interactions and modulation of cell migration. <b>2011</b> , 58, 509-17	19
1262	Re-epithelialization of wounds. <b>2011</b> , 24, 59-93	26
1261	The effects of particle size, density and shape on margination of nanoparticles in microcirculation. <b>2011</b> , 22, 115101	168
1260	Fibronectin and bone morphogenetic protein-2-decorated poly(OEGMA-r-HEMA) brushes promote osseointegration of titanium surfaces. <b>2011</b> , 27, 12069-73	50
1259	Electrospun Fibers as Substrates for Peripheral Nerve Regeneration. <b>2011</b> , 131-170	7
1258	Tailoring of the titanium surface by immobilization of heparin/fibronectin complexes for improving blood compatibility and endothelialization: an in vitro study. <b>2011</b> , 12, 1155-68	78
1257	Fragmentation of fibronectin by inherent autolytic and matrix metalloproteinase activities. <b>2011</b> , 30, 34-42	19
1256	Collagen VI is a basement membrane component that regulates epithelial cell-fibronectin interactions. <b>2011</b> , 30, 195-206	74
1255	Genetic analyses of integrin signaling. <b>2011</b> , 3,	69
1254	Increased lysyl oxidase expression and collagen cross-linking during atrial fibrillation. <b>2011</b> , 50, 678-85	73
1253	Preventive effects of benfotiamine in chronic diabetic complications. <b>2011</b> , 2, 123-31	2
1252	Growth Factors and Protein-Modified Surfaces and Interfaces. <b>2011</b> , 247-279	2
1251	Epithelial integrins with special reference to oral epithelia. <b>2011</b> , 90, 1367-76	69
1250	Multifactorial optimization of endothelial cell growth using modular synthetic extracellular matrices. <b>2011</b> , 3, 185-96	99
1249	Tissue Engineering of Ligaments. <b>2011</b> ,	2
1248	Fibronectin and tenascin-C: accomplices in vascular morphogenesis during development and tumor growth. <b>2011</b> , 55, 511-25	84
1247	Control of Mammalian Cell Behaviour Through Mimicry of the Extracellular Matrix Environment. <b>2011</b> ,	1
1246	Fibronectin, Plasminogen Activator Inhibitor Type 1 (PAI-1) And Uterine Artery Doppler Velocimetry as Markers of Preeclampsia. <b>2011</b> , 30, 191-196	24

1245	Delayed re-epithelialization in periostin-deficient mice during cutaneous wound healing. <b>2011</b> , 6, e18410	92
1244	Expression and potential biological role of [1,2)fucosylated glycotopes on amniotic and seminal fibronectins. <b>2011</b> , 39, 355-9	12
1243	Fibronectin: a multidomain host adhesin targeted by bacterial fibronectin-binding proteins. <b>2011</b> , 35, 147-200	208
1242	Apoptosis in displaced temporomandibular joint disc with and without reduction: an immunohistochemical study. <b>2011</b> , 40, 103-10	23
1241	Fibronectin growth factor-binding domains are required for fibroblast survival. <b>2011</b> , 131, 84-98	56
1240	Effects of LP-MOCVD prepared TiO2 thin films on the in vitro behavior of gingival fibroblasts. <b>2011</b> , 125, 485-492	12
1239	Antibody sensed protein surface conformation. <b>2011</b> , 14, 616-621	6
1238	miRNA-1 targets fibronectin1 and suppresses the migration and invasion of the HEp2 laryngeal squamous carcinoma cell line. <b>2011</b> , 585, 3263-9	53
1237	The effect of substrate microtopography on focal adhesion maturation and actin organization via the RhoA/ROCK pathway. <b>2011</b> , 32, 9568-75	138
1236	Fibronectin and beta-catenin act in a regulatory loop in dermal fibroblasts to modulate cutaneous healing. <b>2011</b> , 286, 27687-97	49
1235	Isoaspartate-dependent molecular switches for integrin-ligand recognition. <i>Journal of Cell Science</i> , <b>2011</b> , 124, 515-22	64
1234	Fibronectins, their fibrillogenesis, and in vivo functions. <b>2011</b> , 3,	256
1233	Comparison of urine protein profiles in cats without urinary tract disease and cats with idiopathic cystitis, bacterial urinary tract infection, or urolithiasis. <b>2011</b> , 72, 1407-15	21
1232	Nicotine enhances colon cancer cell migration by induction of fibronectin. <b>2011</b> , 18, 1782-90	62
1231	Fibronectin layers by matrix-assisted pulsed laser evaporation from saline buffer-based cryogenic targets. <b>2011</b> , 7, 3780-8	41
1230	Improved interaction of osteoblast-like cells with apatite-nanodiamond coatings depends on fibronectin. <b>2011</b> , 22, 1891-900	8
1229	Microfluidic device to study cell transmigration under physiological shear stress conditions. <b>2011</b> , 13, 899-907	11
1228	Influences of acid-treated multiwalled carbon nanotubes on fibroblasts: proliferation, adhesion, migration, and wound healing. <b>2011</b> , 39, 414-26	40

1227	Thin films of vitronectin transferred by MAPLE. <b>2011</b> , 105, 611-617	9
1226	Labeling of fibronectin by fluorescent and paramagnetic nanoprobes for exploring the extracellular matrix: bioconjugate synthesis optimization and biochemical characterization. <b>2011</b> , 399, 1653-63	9
1225	Role of material-driven fibronectin fibrillogenesis in cell differentiation. <b>2011</b> , 32, 2099-105	107
1224	An in Vitro Study on Tissue Repair: Impact of Unloading on Cells Involved in the Remodelling Phase. <b>2011</b> , 23, 391-401	17
1223	The roles of integrins in mediating the effects of mechanical force and growth factors on blood vessels in hypertension. <b>2011</b> , 13, 421-9	15
1222	Plasma and cellular fibronectin: distinct and independent functions during tissue repair. <b>2011</b> , 4, 21	314
1221	The Significance of Gelatin in Calcium Phosphate Hybrid Bone Cement for Attachment and Differentiation of MG63 Cells. <b>2011</b> , 13, B246-B255	9
1220	Integrins and the extracellular matrix: key mediators of development and regeneration of the sensory nervous system. <b>2011</b> , 71, 1054-72	86
1219	Casting a net on dendritic spines: the extracellular matrix and its receptors. <b>2011</b> , 71, 956-81	49
1218	Heparin plays a key regulatory role via a p53/FAK-dependent signaling in melanoma cell adhesion and migration. <b>2011</b> , 63, 109-19	8
1217	Extracellular matrix and heart development. <b>2011</b> , 91, 535-50	143
1216	Biomimetic growth of hydroxyapatite on super water-soluble carbon nanotube-protein hybrid nanofibers. <b>2011</b> , 49, 2216-2226	53
1215	The role of ECM proteins and protein fragments in guiding cell behavior in regenerative medicine. <b>2011</b> , 32, 4211-4	127
1214	Evolving the use of peptides as components of biomaterials. <b>2011</b> , 32, 4198-204	175
1213	Role of protein transamidation in serotonin-induced proliferation and migration of pulmonary artery smooth muscle cells. <b>2011</b> , 44, 548-55	55
1212	Immunohistochemical localization of fibronectin in the ocular tissues of adult male albino rat. <b>2011</b> , 34, 191-197	
1211	Functional characterization of the interaction between bacterial adhesin multivalent adhesion molecule 7 (MAM7) protein and its host cell ligands. <b>2011</b> , 286, 38939-47	53
1210	Involvement of O-glycosylation defining oncofetal fibronectin in epithelial-mesenchymal transition process. <b>2011</b> , 108, 17690-5	91

1209	<b>2011</b> , 4, 196-203	1
1208	Radiation-induced toxicity in cancer patients with low plasma fibronectin levels. <b>2011</b> , 10, 27-33	
1207	Effect of culture time on the basal expression levels of drug transporters in sandwich-cultured primary rat hepatocytes. <b>2011</b> , 39, 2387-94	41
1206	Biocompatibility of different poly(lactide-coglycolide) polymers implanted into the subconjunctival space in rats. <b>2011</b> , 46, 55-65	3
1205	Reactivity of the N-terminal region of fibronectin protein to transglutaminase 2 and factor XIIIA. <b>2011</b> , 286, 32220-30	23
1204	Identification of novel and distinct binding sites within tenascin-C for soluble and fibrillar fibronectin. <b>2011</b> , 286, 14881-91	17
1203	Mesenchymal stem cell therapy and delivery systems in nonhealing wounds. <b>2011</b> , 24, 524-32; quiz 533-4	27
1202	Characterization of third-degree burned skin by nonlinear microscopy technique. <b>2011</b> ,	
1201	Guiding epithelial cell phenotypes with engineered integrin-specific recombinant fibronectin fragments. <b>2011</b> , 17, 139-50	36
1200	Artificial Extracellular Matrices to Functionalize Biomaterial Surfaces. <b>2011</b> , 127-153	2
1199	Recurrent targeted genes of hepatitis B virus in the liver cancer genomes identified by a next-generation sequencing-based approach. <b>2012</b> , 8, e1003065	133
1198	Cell surface remodeling by plasmin: a new function for an old enzyme. <b>2012</b> , 2012, 564259	104
1197	Influences of surface chemistry and swelling of salt-treated polyelectrolyte multilayers on migration of smooth muscle cells. <b>2012</b> , 9, 3455-68	30
1196	A Comparative Study of Fibronectin Cleavage by MMP-1, -3, -13, and -14. <b>2012</b> , 3, 267-77	29
1195	Rv2468c, a novel Mycobacterium tuberculosis protein that costimulates human CD4+ T cells through VLA-5. <b>2012</b> , 91, 311-20	6
1194	Targeting the bacterial-host interaction: leveling the playing field. <b>2012</b> , 3, 349-50	1
1193	Ail protein binds ninth type III fibronectin repeat (9FNIII) within central 120-kDa region of fibronectin to facilitate cell binding by Yersinia pestis. <b>2012</b> , 287, 16759-67	28
1192	Phage-based molecular probes that discriminate force-induced structural states of fibronectin in vivo. <b>2012</b> , 109, 7251-6	30

1191	Extra-domain B in oncofetal fibronectin structurally promotes fibrillar head-to-tail dimerization of extracellular matrix protein. <b>2012</b> , 287, 17578-17588	26
1190	The correlation between fibronectin adsorption and fibroblast cell behaviors on chitosan/poly(?-caprolactone) blend films. <b>2012</b> , 23, 1421-35	1
1189	Intracellular Modelling of Cell-Matrix Adhesion during Cancer Cell Invasion. <b>2012</b> , 7, 29-48	9
1188	Dissociation rate constants of human fibronectin binding to fibronectin-binding proteins on living Staphylococcus aureus isolated from clinical patients. <b>2012</b> , 287, 6693-701	26
1187	Ligation of the fibrin-binding domain by 卧trand addition is sufficient for expansion of soluble fibronectin. <b>2012</b> , 287, 13303-12	19
1186	TIMP1 contributes to ovarian anomalies in both an MMP-dependent and -independent manner in a rat model. <b>2012</b> , 86, 47	20
1185	Quantitative proteomic analyses of cerebrospinal fluid using iTRAQ in a primate model of iron deficiency anemia. <b>2012</b> , 34, 354-65	22
1184	Syndecan-4 and fibronectin in osteosarcoma. <b>2012</b> , 44, 325-30	25
1183	Molecular mechanisms and biological role of Campylobacter jejuni attachment to host cells. <b>2012</b> , 2, 32-40	25
1182	Analysis of Plasma Fibronectin Levels in Patients Affected by Oral Lichen Planus. <b>2012</b> , 10, 45-50	3
1181	Open clinical study of eye drops containing the fibronectin-derived peptide PHSRN for treatment of persistent corneal epithelial defects. <b>2012</b> , 31, 1408-13	14
1180	Pericytes promote selective vessel regression to regulate vascular patterning. <b>2012</b> , 120, 1516-27	92
1179	Bacterial adhesion to animal tissues: protein determinants for recognition of extracellular matrix components. <b>2012</b> , 14, 1687-96	99
1178	Polymersomes functionalized via BlickIthemistry with the fibronectin mimetic peptides PR_b and GRGDSP for targeted delivery to cells with different levels of 81 expression. <b>2012</b> , 8, 4449	35
1177	Material-Driven Fibronectin Fibrillogenesis. <b>2012</b> , 471-496	4
1176	Structural Insight of Antibody Adsorption for Improved Bioactivity and Detection. 2012, 543-574	3
1175	A proteomic approach to investigate the distribution and abundance of surface and internal Fasciola hepatica proteins during the chronic stage of natural liver fluke infection in cattle. <b>2012</b> , 11, 3592-604	36
1174	Surface adsorption of fibronectin-derived peptide fragments: the influence of electrostatics and hydrophobicity for endothelial cells adhesion. <b>2012</b> , 8, 53-56	15

## (2012-2012)

1173	the retina in diabetes. <b>2012</b> , 53, 8405-13	13
1172	Fibronectin binding to the Treponema pallidum adhesin protein fragment rTp0483 on functionalized self-assembled monolayers. <b>2012</b> , 23, 184-95	11
1171	NNK enhances cell migration through ∄-nicotinic acetylcholine receptor accompanied by increased of fibronectin expression in gastric cancer. <b>2012</b> , 19 Suppl 3, S580-8	23
1170	Adherence and invasion of streptococci to eukaryotic cells and their role in disease pathogenesis. <b>2013</b> , 368, 83-110	14
1169	Specificity of peripheral nerve regeneration: interactions at the axon level. <b>2012</b> , 98, 16-37	275
1168	Nanoscale characterization of cell receptors and binding sites on cell-derived extracellular matrices. <b>2012</b> , 118, 44-52	6
1167	Titanium dioxide nanoparticles disturb the fibronectin-mediated adhesion and spreading of pre-osteoblastic cells. <b>2012</b> , 28, 13660-7	9
1166	Copper(II) coordination properties of the integrin ligand sequence PHSRN and its new Eyclodextrin conjugates. <b>2012</b> , 113, 15-24	9
1165	Osteoblast cell behavior on the new beta-type Ti-25Ta-25Nb alloy. <b>2012</b> , 32, 1554-63	27
1164	Exendin-4 restores glucolipotoxicity-induced gene expression in human coronary artery endothelial cells. <b>2012</b> , 419, 790-5	14
1163	The role of stem cells in the treatment of diabetic foot ulcers. <b>2012</b> , 96, 1-9	65
1162	Fibronectin Fibrillogenesis at the CellMaterial Interface. <b>2012</b> , 189-212	3
1161	Protein expression in pectoral skeletal muscle of chickens as influenced by dietary methionine. <b>2012</b> , 91, 2548-55	30
1160	Vascular binding of a pathogen under shear force through mechanistically distinct sequential interactions with host macromolecules. <b>2012</b> , 86, 1116-31	63
1159	Antibody phage display libraries: contributions to oncology. <b>2012</b> , 13, 5420-40	32
1158	Role of <b>B11</b> and <b>B1</b> integrins in relation to adhesion and spreading dynamics of prostate cancer cells interacting with fibronectin under in vitro conditions. <b>2012</b> , 36, 883-92	23
1157	Quantitative microtiter fibronectin fibrillogenesis assay: use in high throughput screening for identification of inhibitor compounds. <b>2012</b> , 31, 360-7	13
1156	The effect of adsorbed fibronectin and osteopontin on macrophage adhesion and morphology on hydrophilic and hydrophobic model surfaces. <b>2012</b> , 8, 3669-77	18

1155	Biomimetic cell culture proteins as extracellular matrices for stem cell differentiation. <b>2012</b> , 112, 4507-40	104
1154	Controlled wettability, same chemistry: biological activity of plasma-polymerized coatings. <b>2012</b> , 8, 5575	26
1153	IGD motifs, which are required for migration stimulatory activity of fibronectin type I modules, do not mediate binding in matrix assembly. <b>2012</b> , 7, e30615	2
1152	Re-evaluation of a bacterial antifreeze protein as an adhesin with ice-binding activity. <b>2012</b> , 7, e48805	45
1151	Novel potential interacting partners of fibronectin in spontaneous animal model of interstitial cystitis. <b>2012</b> , 7, e51391	9
1150	Novel Model for Keratoconus Disease. <b>2012</b> , 3, 760-775	49
1149	1.1 Extracellular matrix: a functional scaffold.	8
1148	Use of quantitative shotgun proteomics to identify fibronectin 1 as a potential plasma biomarker for clear cell carcinoma of the kidney. <b>2011</b> , 10, 175-83	12
1147	The biological effects of fibrin-binding synthetic oligopeptides derived from fibronectin on osteoblast-like cells. <b>2012</b> , 42, 113-8	5
1146	Evaluation of a multilayered chitosan-hydroxy-apatite porous composite enriched with fibronectin or an in vitro-generated bone-like extracellular matrix on proliferation and diferentiation of osteoblasts. <b>2012</b> , 6, 497-504	8
1145	Directing epithelial to mesenchymal transition through engineered microenvironments displaying orthogonal adhesive and mechanical cues. <b>2012</b> , 100, 2119-27	53
1144	The biological response of poly(L-lactide) films modified by different biomolecules: role of the coating strategy. <b>2012</b> , 100, 2373-81	9
1143	Porous Silicon Films Micropatterned with Bioelements as Supports for Mammalian Cells. <b>2012</b> , 22, 1158-1166	41
1142	A fluorogenic reactive monolayer platform for the signaled immobilization of thiols. <b>2012</b> , 13, 778-82	11
1141	Minor fibrillar collagens, variable regions alternative splicing, intrinsic disorder, and tyrosine sulfation. <b>2012</b> , 3, 419-33	12
1140	Cancer-associated-fibroblasts and tumour cells: a diabolic liaison driving cancer progression. <b>2012</b> , 31, 195-208	383
1139	Dermatan sulphate in methoxy polyethylene glycol-polylactide-co-glycolic acid scaffolds upregulates fibronectin gene expression but has no effect on in vivo osteochondral repair. <b>2012</b> , 36, 1507-13	9
1138	Cellular and transcriptomic analysis of human mesenchymal stem cell response to plasma-activated hydroxyapatite coating. <b>2012</b> , 8, 1627-38	28

## (2012-2012)

1137	Effect of the surface density of nanosegments immobilized on culture dishes on ex vivo expansion of hematopoietic stem and progenitor cells from umbilical cord blood. <b>2012</b> , 8, 1749-58	18
1136	Analysis of the BadA stalk from Bartonella henselae reveals domain-specific and domain-overlapping functions in the host cell infection process. <b>2012</b> , 14, 198-209	26
1135	Induction of epithelial-mesenchymal transition with O-glycosylated oncofetal fibronectin. <b>2012</b> , 586, 1813-20	22
1134	Atomic force microscopy studies of the influence of convex and concave nanostructures on the adsorption of fibronectin. <b>2012</b> , 89, 139-46	26
1133	Low fibronectin concentration overcompensates for reduced initial fibroblasts adhesion to a nanoscale topography: single-cell force spectroscopy. <b>2012</b> , 95, 82-9	12
1132	Exploiting extracellular matrix-stem cell interactions: a review of natural materials for therapeutic muscle regeneration. <b>2012</b> , 33, 428-43	79
1131	Tooth root regeneration using dental follicle cell sheets in combination with a dentin matrix - based scaffold. <b>2012</b> , 33, 2449-61	107
1130	Theoretical considerations on mechanisms of harvesting cells cultured on thermoresponsive polymer brushes. <b>2012</b> , 33, 4975-87	49
1129	Fibronectin-41 interactions in hepatic cold ischemia and reperfusion injury: regulation of MMP-9 and MT1-MMP via the p38 MAPK pathway. <b>2012</b> , 12, 2689-99	31
1128	Molecular biological analysis of cardiac effect of high temperature in rats. <b>2012</b> , 14, 63-8	2
1128	Molecular biological analysis of cardiac effect of high temperature in rats. <b>2012</b> , 14, 63-8  Matrice extracellulaire, physiologie et vieillissement vasculaire. <b>2012</b> , 4, 41-53	2
		2
1127	Matrice extracellulaire, physiologie et vieillissement vasculaire. <b>2012</b> , 4, 41-53  Characterization of the eg95 gene family in the G6 genotype of Echinococcus granulosus. <b>2012</b> ,	
1127 1126	Matrice extracellulaire, physiologie et vieillissement vasculaire. <b>2012</b> , 4, 41-53  Characterization of the eg95 gene family in the G6 genotype of Echinococcus granulosus. <b>2012</b> , 183, 115-21	12
1127 1126 1125	Matrice extracellulaire, physiologie et vieillissement vasculaire. 2012, 4, 41-53  Characterization of the eg95 gene family in the G6 genotype of Echinococcus granulosus. 2012, 183, 115-21  Natural and Genetically Engineered Proteins for Tissue Engineering. 2012, 37, 1-17  Extracellular matrix assembly and 3D organization during paraxial mesoderm development in the	12 199
1127 1126 1125 1124	Matrice extracellulaire, physiologie et vieillissement vasculaire. 2012, 4, 41-53  Characterization of the eg95 gene family in the G6 genotype of Echinococcus granulosus. 2012, 183, 115-21  Natural and Genetically Engineered Proteins for Tissue Engineering. 2012, 37, 1-17  Extracellular matrix assembly and 3D organization during paraxial mesoderm development in the chick embryo. 2012, 368, 370-81  SpiroESTdb: a transcriptome database and online tool for sparganum expressed sequences tags.	12 199 29
1127 1126 1125 1124 1123	Matrice extracellulaire, physiologie et vieillissement vasculaire. 2012, 4, 41-53  Characterization of the eg95 gene family in the G6 genotype of Echinococcus granulosus. 2012, 183, 115-21  Natural and Genetically Engineered Proteins for Tissue Engineering. 2012, 37, 1-17  Extracellular matrix assembly and 3D organization during paraxial mesoderm development in the chick embryo. 2012, 368, 370-81  SpiroESTdb: a transcriptome database and online tool for sparganum expressed sequences tags. 2012, 5, 130  Protein conformation changes on block copolymer surfaces detected by antibody-functionalized	12 199 29 4

1119	Targeted drug delivery and penetration into solid tumors. <b>2012</b> , 32, 1078-91	96
1118	Accelerated bone formation on photo-induced hydrophilic titanium implants: an experimental study in the dog mandible. <b>2013</b> , 24 Suppl A100, 139-44	33
1117	Expression of extracellular matrix components and related growth factors in human tendon and muscle after acute exercise. <b>2013</b> , 23, e150-61	54
1116	Fibronectin in tissue regeneration: timely disassembly of the scaffold is necessary to complete the build. <b>2013</b> , 70, 4243-53	57
1115	Combinatorial design of an Anticalin directed against the extra-domain b for the specific targeting of oncofetal fibronectin. <b>2013</b> , 425, 780-802	53
1114	Comparison of neurite growth in three dimensional natural and synthetic hydrogels. 2013, 24, 301-14	14
1113	Fabrication of functional fibronectin patterns by nanosecond excimer laser direct write for tissue engineering applications. <b>2013</b> , 24, 1809-21	4
1112	Extensive inter- and intraspecific venom variation in closely related parasites targeting the same host: the case of Leptopilina parasitoids of Drosophila. <b>2013</b> , 43, 601-11	65
1111	Using surfaces to modulate the morphology and structure of attached cells 🗈 case of cancer cells on chitosan membranes. <b>2013</b> , 4, 3058	26
1110	Mast cell chymase protects against renal fibrosis in murine unilateral ureteral obstruction. <b>2013</b> , 84, 317-26	31
	Mast cell chymase protects against renal fibrosis in murine unilateral ureteral obstruction. <b>2013</b> , 84, 317-26  Re-Epithelialization of Wounds. <b>2013</b> , 81-123	31
		31
1109	Re-Epithelialization of Wounds. 2013, 81-123  Fibronectin molecular status determination useful to differentiate between rheumatoid arthritis	
1109 1108 1107	Re-Epithelialization of Wounds. 2013, 81-123  Fibronectin molecular status determination useful to differentiate between rheumatoid arthritis and systemic lupus erythematosus patients. 2013, 33, 37-43	8
1109 1108 1107	Re-Epithelialization of Wounds. <b>2013</b> , 81-123  Fibronectin molecular status determination useful to differentiate between rheumatoid arthritis and systemic lupus erythematosus patients. <b>2013</b> , 33, 37-43  Peptide-mediated targeting of cytokines to tumor vasculature: the NGR-hTNF example. <b>2013</b> , 27, 591-603	8 55
1109 1108 1107 1106	Re-Epithelialization of Wounds. 2013, 81-123  Fibronectin molecular status determination useful to differentiate between rheumatoid arthritis and systemic lupus erythematosus patients. 2013, 33, 37-43  Peptide-mediated targeting of cytokines to tumor vasculature: the NGR-hTNF example. 2013, 27, 591-603  Generic Methods of Surface Modification to Control Adhesion of Cells and Beyond. 2013, 441-467  Fibronectin gene expression in human adipose tissue and its associations with obesity-related genes and metabolic parameters. 2013, 23, 554-60	8 55 3
1109 1108 1107 1106	Re-Epithelialization of Wounds. 2013, 81-123  Fibronectin molecular status determination useful to differentiate between rheumatoid arthritis and systemic lupus erythematosus patients. 2013, 33, 37-43  Peptide-mediated targeting of cytokines to tumor vasculature: the NGR-hTNF example. 2013, 27, 591-603  Generic Methods of Surface Modification to Control Adhesion of Cells and Beyond. 2013, 441-467  Fibronectin gene expression in human adipose tissue and its associations with obesity-related genes and metabolic parameters. 2013, 23, 554-60	8 55 3

1101	Tuning cell adhesion and growth on biomimetic polyelectrolyte multilayers by variation of pH during layer-by-layer assembly. <b>2013</b> , 13, 1327-38	41
1100	Proteomic analysis of gingival tissue and alveolar bone during alveolar bone healing. <b>2013</b> , 12, 2674-88	11
1099	The mechanism of kindlin-mediated activation of integrin <code>HbB</code> . <b>2013</b> , 23, 2288-2295	116
1098	Biological significance of a thyroid hormone-regulated secretome. <b>2013</b> , 1834, 2271-84	10
1097	Layer-by-layer assembly of a streptavidin-fibronectin multilayer on biotinylated TiO(X). 2013, 29, 1732-7	8
1096	Purification of fibronectin. <b>2013</b> , 60, 10.5.1-10.5.13	5
1095	Epithelial-mesenchymal transition: focus on metastatic cascade, alternative splicing, non-coding RNAs and modulating compounds. <b>2013</b> , 12, 107	106
1094	Thrombomodulin mediates the progression of epithelial ovarian cancer cells. <b>2013</b> , 34, 3743-51	9
1093	Composition of the bovine uterine proteome is associated with stage of cycle and concentration of systemic progesterone. <b>2013</b> , 13, 3333-53	28
1092	Fetal fibronectin signaling induces matrix metalloproteases and cyclooxygenase-2 (COX-2) in amnion cells and preterm birth in mice. <b>2013</b> , 288, 1953-66	37
1091	Granzyme B cleavage of fibronectin disrupts endothelial cell adhesion, migration and capillary tube formation. <b>2013</b> , 32, 14-22	18
1090	CLT1 targets bladder cancer through integrin <b>5</b> 11 and CLIC3. <b>2013</b> , 11, 194-203	13
1089	Relationship between the expression of the extracellular matrix genes SPARC, SPP1, FN1, ITGA5 and ITGAV and clinicopathological parameters of tumor progression and colorectal cancer dissemination. <b>2013</b> , 84, 81-91	48
1088	The effect of a collagen tripeptide fragment (GER) on fibroblast adhesion and spreading depends on properties of an adhesive surface. <b>2013</b> , 7, 21-28	2
1087	Optimization of the processing of porcine platelet-rich plasma and its application on human mesenchymal stem cell cultivation. <b>2013</b> , 78, 154-162	3
1086	Mesenchymal stem cell transplantation to the mouse cochlea as a treatment for childhood sensorineural hearing loss. <b>2013</b> , 77, 936-42	24
1085	Identification of ovarian genes regulated by follicle-stimulating hormone (Fsh) in vitro during early secondary oocyte growth in coho salmon. <b>2013</b> , 366, 38-52	17
1084	Proteomic characterization of the acute-phase response of yellow stingrays Urobatis jamaicensis after injection with a Vibrio anguillarum-ordalii bacterin. <b>2013</b> , 34, 1383-9	17

1083	Diabetes-induced morphological, biomechanical, and compositional changes in ocular basement membranes. <b>2013</b> , 116, 298-307	45
1082	Identification of fibronectin as a major factor in human serum to recruit subchondral mesenchymal progenitor cells. <b>2013</b> , 45, 1410-8	12
1081	Peptidic Inhibitors of Protein <b>P</b> rotein Interactions for Cell Adhesion Receptors: RGD Peptides and Beyond. <b>2013</b> , 257-290	
1080	The group A streptococcal collagen-like protein-1, Scl1, mediates biofilm formation by targeting the extra domain A-containing variant of cellular fibronectin expressed in wounded tissue. <b>2013</b> , 87, 672-89	31
1079	Antigenic differences between the EG95-related proteins from Echinococcus granulosus G1 and G6 genotypes: implications for vaccination. <b>2013</b> , 35, 99-102	30
1078	Characterization of the cDNA and in vitro expression of the ram seminal plasma protein RSVP14. <b>2013</b> , 519, 271-8	7
1077	Recombinant fibronectin matrix mimetics specify integrin adhesion and extracellular matrix assembly. <b>2013</b> , 19, 558-70	26
1076	Substrates of Factor XIII-A: roles in thrombosis and wound healing. <b>2013</b> , 124, 123-37	58
1075	Direct adhesion of endothelial cells to bioinspired poly(dopamine) coating through endogenous fibronectin and integrin <b>B 1. 2013</b> , 13, 483-93	52
1074	Factors influencing haemorrhagic transformation in ischaemic stroke. <b>2013</b> , 12, 689-705	154
1074	Factors influencing haemorrhagic transformation in ischaemic stroke. <b>2013</b> , 12, 689-705  Bacterial chitinases and chitin-binding proteins as virulence factors. <b>2013</b> , 159, 833-847	154
, · ·	Bacterial chitinases and chitin-binding proteins as virulence factors. <b>2013</b> , 159, 833-847  Surface Properties of Nanostructured Bio-Active Interfaces: Impacts of Surface Stiffness and	
1073	Bacterial chitinases and chitin-binding proteins as virulence factors. <b>2013</b> , 159, 833-847  Surface Properties of Nanostructured Bio-Active Interfaces: Impacts of Surface Stiffness and	122
1073 1072 1071	Bacterial chitinases and chitin-binding proteins as virulence factors. <b>2013</b> , 159, 833-847  Surface Properties of Nanostructured Bio-Active Interfaces: Impacts of Surface Stiffness and Topography on Cell-Surface Interactions. <b>2013</b> , 3, 13293-13303  Pioglitazone decreases asymmetric dimethylarginine levels in patients with impaired glucose	122
1073 1072 1071 1070	Bacterial chitinases and chitin-binding proteins as virulence factors. <b>2013</b> , 159, 833-847  Surface Properties of Nanostructured Bio-Active Interfaces: Impacts of Surface Stiffness and Topography on Cell-Surface Interactions. <b>2013</b> , 3, 13293-13303  Pioglitazone decreases asymmetric dimethylarginine levels in patients with impaired glucose tolerance or type 2 diabetes. <b>2013</b> , 16, 344-51	122 23 10
1073 1072 1071 1070	Bacterial chitinases and chitin-binding proteins as virulence factors. 2013, 159, 833-847  Surface Properties of Nanostructured Bio-Active Interfaces: Impacts of Surface Stiffness and Topography on Cell-Surface Interactions. 2013, 3, 13293-13303  Pioglitazone decreases asymmetric dimethylarginine levels in patients with impaired glucose tolerance or type 2 diabetes. 2013, 16, 344-51  Fibronectin matrix mimetics promote full-thickness wound repair in diabetic mice. 2013, 19, 2517-26	122 23 10 21
1073 1072 1071 1070 1069	Bacterial chitinases and chitin-binding proteins as virulence factors. 2013, 159, 833-847  Surface Properties of Nanostructured Bio-Active Interfaces: Impacts of Surface Stiffness and Topography on Cell-Surface Interactions. 2013, 3, 13293-13303  Pioglitazone decreases asymmetric dimethylarginine levels in patients with impaired glucose tolerance or type 2 diabetes. 2013, 16, 344-51  Fibronectin matrix mimetics promote full-thickness wound repair in diabetic mice. 2013, 19, 2517-26  Blood-derived biomaterials and platelet growth factors in regenerative medicine. 2013, 27, 77-89  Fabrication of biomolecule-PEG micropattern on titanium surface and its effects on platelet	122 23 10 21 143

## (2013-2013)

1065	Morphology and adhesion strength of myoblast cells on photocurable gelatin under native and non-native micromechanical environments. <b>2013</b> , 117, 4081-8	26
1064	PEGylated human plasma fibronectin is proteolytically stable, supports cell adhesion, cell migration, focal adhesion assembly, and fibronectin fibrillogenesis. <b>2013</b> , 29, 493-504	12
1063	Complex contributions of fibronectin to initiation and maturation of microfibrils. 2013, 456, 283-95	21
1062	Existence of a 400 kDa glycoprotein in the dermis of sea cucumber Apostichopus armata: partial purification and characterization. <b>2013</b> , 79, 833-839	2
1061	The development of a 3D immunocompetent model of human skin. <b>2013</b> , 5, 035011	57
1060	Adhesion and Growth of Vascular Smooth Muscle Cells on Nanostructured and Biofunctionalized Polyethylene. <b>2013</b> , 6, 1632-1655	13
1059	Antileukotriene reverts the early effects of inflammatory response of distal parenchyma in experimental chronic allergic inflammation. <b>2013</b> , 2013, 523761	4
1058	Myeloid TGF-Bignaling contributes to colitis-associated tumorigenesis in mice. <b>2013</b> , 34, 2099-108	12
1057	Shear-related fibrillogenesis of fibronectin. <b>2013</b> , 394, 1495-503	8
1056	The next step in biomimetic material design: poly-LacNAc-mediated reversible exposure of extra cellular matrix components. <b>2013</b> , 2, 306-11	17
1055	Urinary aHGF, IGFBP3 and OPN as diagnostic and prognostic biomarkers for prostate cancer. <b>2013</b> , 7, 831-41	10
1054	Acoustic detection of cell adhesion to a coated quartz crystal microbalance - implications for studying the biocompatibility of polymers. <b>2013</b> , 8, 690-8	8
1053	Host-Pathogen Interactions in Streptococcal Diseases. 2013,	3
1052	Seminal plasma glycoproteins in male infertility and prostate diseases: is there a chance for glyco-biomarkers?. <b>2013</b> , 18, 10-22	22
1051	The fibronectin-binding motif within FlpA facilitates Campylobacter jejuni adherence to host cell and activation of host cell signaling. <b>2013</b> , 2, e65	19
1050	Comparative study of human dental follicle cell sheets and periodontal ligament cell sheets for periodontal tissue regeneration. <b>2013</b> , 22, 1061-73	31
1049	Clinicopathological analysis of glomerulopathy with fibronectin deposits (GFND): a case of sporadic, elderly-onset GFND with codeposition of IgA, C1q, and fibrinogen. <b>2013</b> , 52, 1715-20	15
1048	Connective Tissues of the Subendothelium. <b>2013</b> , 43-69	1

1047	Extracellular Matrix Organization, Structure, and Function. 2013,	13
1046	Force mapping during the formation and maturation of cell adhesion sites with multiple optical tweezers. <b>2013</b> , 8, e54850	30
1045	CD26/dipeptidyl peptidase IV contributes to tumor metastasis in human lung adenocarcinoma. <b>2013</b> , 8,	0
1044	Biomimetic materials for controlling bone cell responses. <b>2013</b> , 5, 369-95	9
1043	Brain Tumor Invasion and Angiogenesis. <b>2013</b> ,	1
1042	Imaging of nonlinear microscopy of burned skin treated by ultra-high intensity laser pulses. <b>2014</b> , 3, 293-300	O
1041	Pharmacological inhibition of dynamin II reduces constitutive protein secretion from primary human macrophages. <b>2014</b> , 9, e111186	6
1040	xCELLigence system for real-time label-free monitoring of growth and viability of cell lines from hematological malignancies. <b>2014</b> , 7, 985-94	49
1039	That's my story, and I'm sticking to itan update on B. burgdorferi adhesins. <b>2014</b> , 4, 41	39
1038	The Role of Extracellular Matrix in Lung Diseases. <b>2014</b> , 06,	6
	The Role of Extracellular Matrix in Lung Diseases. 2014, 06, . 2014,	6
1037		6
1037	. 2014,	13
1037	. 2014,  Native Polymer-based 3D Substitutes for Nerve Regeneration. 2014, 35-74  Engineering the carbohydrate-binding site of Epa1p from Candida glabrata: generation of adhesin	
1037 1036 1035	. 2014,  Native Polymer-based 3D Substitutes for Nerve Regeneration. 2014, 35-74  Engineering the carbohydrate-binding site of Epa1p from Candida glabrata: generation of adhesin mutants with different carbohydrate specificity. 2014, 24, 1312-22  Cronobacter sakazakii: stress survival and virulence potential in an opportunistic foodborne	13
1037 1036 1035	. 2014,  Native Polymer-based 3D Substitutes for Nerve Regeneration. 2014, 35-74  Engineering the carbohydrate-binding site of Epa1p from Candida glabrata: generation of adhesin mutants with different carbohydrate specificity. 2014, 24, 1312-22  Cronobacter sakazakii: stress survival and virulence potential in an opportunistic foodborne pathogen. 2014, 5, 711-8  Procaspase-3 regulates fibronectin secretion and influences adhesion, migration and survival	13
1037 1036 1035 1034	. 2014,  Native Polymer-based 3D Substitutes for Nerve Regeneration. 2014, 35-74  Engineering the carbohydrate-binding site of Epa1p from Candida glabrata: generation of adhesin mutants with different carbohydrate specificity. 2014, 24, 1312-22  Cronobacter sakazakii: stress survival and virulence potential in an opportunistic foodborne pathogen. 2014, 5, 711-8  Procaspase-3 regulates fibronectin secretion and influences adhesion, migration and survival independently of catalytic function. Journal of Cell Science, 2014, 127, 2217-26	13 31 21

1029	A tick gut protein with fibronectin III domains aids Borrelia burgdorferi congregation to the gut during transmission. <b>2014</b> , 10, e1004278	22
1028	Disentangling the multifactorial contributions of fibronectin, collagen and cyclic strain on MMP expression and extracellular matrix remodeling by fibroblasts. <b>2014</b> , 40, 62-72	36
1027	Participation of integrin 51 in the fibronectin-mediated adherence of enteroaggregative Escherichia coli to intestinal cells. <b>2014</b> , 2014, 781246	8
1026	The mushroom Ganoderma lucidum suppresses breast-to-lung cancer metastasis through the inhibition of pro-invasive genes. <b>2014</b> , 44, 2009-15	37
1025	Structure of a three-dimensional domain-swapped dimer of the Helicobacter pylori type IV secretion system pilus protein CagL. <b>2014</b> , 70, 1391-400	17
1024	In situ modulation of cell behavior via smart dual-ligand surfaces. <b>2014</b> , 30, 13656-66	7
1023	Novel KRT14 mutation causing epidermolysis bullosa simplex with variable phenotype. <b>2014</b> , 23, 684-7	7
1022	Starved human fibroblasts secrete acidic proteins inducing post re-feeding proliferation and in vitro cell migration: a potential tool for wound healing. <b>2014</b> , 106, 139-50	11
1021	Matrix Effects. <b>2014</b> , 407-421	2
1020	Extracellular matrix considerations for scar-free repair and regeneration: insights from regenerative diversity among vertebrates. <b>2014</b> , 56, 47-55	49
1019	An Unusual Protein <b>P</b> rotein Interaction through Coupled Unfolding and Binding. <b>2014</b> , 126, 9942-9945	
1018	Fibronectin adsorption on functionalized electrospun polycaprolactone scaffolds: experimental and molecular dynamics studies. <b>2014</b> , 102, 1697-706	25
1017	FLRT2 interacts with fibronectin in the ATDC5 chondroprogenitor cells. <b>2014</b> , 229, 1538-47	7
1016	An unusual protein-protein interaction through coupled unfolding and binding. <b>2014</b> , 53, 9784-7	9
1015	Human dermal fibroblast migration induced by fibronectin in autocrine and paracrine manners. <b>2014</b> , 23, 682-4	5
1014	Functional modification of fibronectin by N-terminal FXIIIa-mediated transamidation. <b>2014</b> , 15, 1481-6	5
1013	Arginine-glycine-glutamine and serine-isoleucine-lysine-valine-alanine-valine modified poly(l-lactide) films: bioactive molecules used for surface grafting to guide cellular contractile phenotype. <b>2014</b> , 9, 029002	2
	Structural and functional analysis of the fibronectin-binding protein FNE from Streptococcus equi	

	Acute phase proteins: a review of their function, behaviour and measurement in chickens. <b>2014</b> , 70, 27-44	66
1010	Fibronectin antibody labels corneal stromal collagen fibrils in situ along their length and circumference and demonstrates distinct staining along the cell and stromal interfaces of Descemet's membrane. <b>2014</b> , 39, 312-6	8
1009	Extracellular matrix inspired surface functionalization with heparin, fibronectin and VEGF provides an anticoagulant and endothelialization supporting microenvironment. <b>2014</b> , 320, 871-882	24
1008	Synergistic therapeutic effect of cisplatin and phosphatidylinositol 3-kinase (PI3K) inhibitors in cancer growth and metastasis of Brca1 mutant tumors. <b>2014</b> , 289, 24202-14	18
1007	Fibronectin fragments and the cleaving enzyme ADAM-8 in the degenerative human intervertebral disc. <b>2014</b> , 39, 1274-9	18
1006	Platelet Disorders. <b>2014</b> , 1553-1561	
1005	Vacuum-assisted fluid flow in microchannels to pattern substrates and cells. <b>2014</b> , 6, 035016	10
1004	Transcriptome sequencing and analysis of the zoonotic parasite Spirometra erinacei spargana (plerocercoids). <b>2014</b> , 7, 368	10
1003	Borrelia burgdorferi protein BBK32 binds to soluble fibronectin via the N-terminal 70-kDa region, causing fibronectin to undergo conformational extension. <b>2014</b> , 289, 22490-9	17
1002	The role of mouse mast cell proteases in the proliferative phase of wound healing in microdeformational wound therapy. <b>2014</b> , 134, 459-467	11
1001	Fibronectin and craniofacial surgery. <b>2014</b> , 73, 716-20	2
1001	Glycosaminoglycans enhance osteoblast differentiation of bone marrow derived human	58
	Glycosaminoglycans enhance osteoblast differentiation of bone marrow derived human	
1000	Glycosaminoglycans enhance osteoblast differentiation of bone marrow derived human mesenchymal stem cells. <b>2014</b> , 8, 143-52  Transglutaminase activity arising from Factor XIIIA is required for stabilization and conversion of	58
1000 999	Glycosaminoglycans enhance osteoblast differentiation of bone marrow derived human mesenchymal stem cells. <b>2014</b> , 8, 143-52  Transglutaminase activity arising from Factor XIIIA is required for stabilization and conversion of plasma fibronectin into matrix in osteoblast cultures. <b>2014</b> , 59, 127-38	58 35
1000 999 998	Glycosaminoglycans enhance osteoblast differentiation of bone marrow derived human mesenchymal stem cells. <b>2014</b> , 8, 143-52  Transglutaminase activity arising from Factor XIIIA is required for stabilization and conversion of plasma fibronectin into matrix in osteoblast cultures. <b>2014</b> , 59, 127-38  Heparin-dependent regulation of fibronectin matrix conformation. <b>2014</b> , 34, 124-31	58 35 26
999 998 997	Glycosaminoglycans enhance osteoblast differentiation of bone marrow derived human mesenchymal stem cells. 2014, 8, 143-52  Transglutaminase activity arising from Factor XIIIA is required for stabilization and conversion of plasma fibronectin into matrix in osteoblast cultures. 2014, 59, 127-38  Heparin-dependent regulation of fibronectin matrix conformation. 2014, 34, 124-31  Multiscale relationships between fibronectin structure and functional properties. 2014, 10, 1524-31  A comparative study of polyethylene glycol hydrogels derivatized with the RGD peptide and the	58 35 26 30

993	Cysteine cathepsins and extracellular matrix degradation. <b>2014</b> , 1840, 2560-70	201
992	The use of new surface-modified poly(2-hydroxyethyl methacrylate) hydrogels in tissue engineering: treatment of the surface with fibronectin subunits versus Ac-CGGASIKVAVS-OH, cysteine, and 2-mercaptoethanol modification. <b>2014</b> , 102, 2315-23	12
991	Toward the biomimetic implant surface: Biopolymers on titanium-based implants for bone regeneration. <b>2014</b> , 39, 1406-1447	120
990	Cardiac fibroblast-derived 3D extracellular matrix seeded with mesenchymal stem cells as a novel device to transfer cells to the ischemic myocardium. <b>2014</b> , 5, 119-131	38
989	Molecular docking of heparin oligosaccharides with Hep-II heparin-binding domain of fibronectin reveals an interplay between the different positions of sulfate groups. <b>2014</b> , 31, 161-9	11
988	Structural determinants of the interaction between the Haemophilus influenzae Hap autotransporter and fibronectin. <b>2014</b> , 160, 1182-1190	7
987	Oxidation and modification of extracellular matrix and its role in disease. <b>2014</b> , 48, 970-89	31
986	Imaging aspects of the tumor stroma with therapeutic implications. <b>2014</b> , 141, 192-208	44
985	Identification of a group B streptococcal fibronectin binding protein, SfbA, that contributes to invasion of brain endothelium and development of meningitis. <b>2014</b> , 82, 2276-86	45
984	Extracellular matrix and liver disease. <b>2014</b> , 21, 1078-97	72
983	The effect of encapsulation of cardiac stem cells within matrix-enriched hydrogel capsules on cell survival, post-ischemic cell retention and cardiac function. <b>2014</b> , 35, 133-42	91
982	Expression and prognostic significance of fibronectin and matrix metalloproteases in breast cancer metastasis. <b>2014</b> , 64, 512-22	107
981	Physico-chemical properties and in vitro response of silk fibroin from various domestic races. <b>2014</b> , 102, 1639-47	9
981 980		9
	102, 1639-47	
980	102, 1639-47  A material-based platform to modulate fibronectin activity and focal adhesion assembly. <b>2014</b> , 3, 286-96	30
980 979	A material-based platform to modulate fibronectin activity and focal adhesion assembly. <b>2014</b> , 3, 286-96  Intrauterine growth restriction modifies gene expression profiling in cord blood. <b>2014</b> , 56, 559-65  Changes in the integrins expression are related with the osteoarthritis severity in an experimental	30

975	Presentation of fibronectin fragments using affinity protein interactions for enhanced retention and function. <b>2014</b> , 10, 4956-4960	3
974	Chemoselective peptide functionalization of starPEG-GAG hydrogels. <b>2014</b> , 25, 1942-50	10
973	Pectin of Prunus domestica L. alters sulfated structure of cell-surface heparan sulfate in differentiated Caco-2 cells through stimulation of heparan sulfate 6-O-endosulfatase-2. <b>2014</b> , 78, 635-43	9
972	Electrochemical modulation of plasma fibronectin surface conformation enables filament formation and control of endothelial cellaurface interactions. <b>2014</b> , 4, 47769-47780	6
971	Drug delivery in aortic valve tissue engineering. <b>2014</b> , 196, 307-23	22
970	Novel drug candidates for the treatment of metastatic colorectal cancer through global inverse gene-expression profiling. <b>2014</b> , 74, 5690-9	84
969	Effect of surface potential on extracellular matrix protein adsorption. <b>2014</b> , 30, 10328-35	30
968	Genetic variants underlying risk of endometriosis: insights from meta-analysis of eight genome-wide association and replication datasets. <b>2014</b> , 20, 702-16	131
967	Decreased expression of the long non-coding RNA FENDRR is associated with poor prognosis in gastric cancer and FENDRR regulates gastric cancer cell metastasis by affecting fibronectin1 expression. <b>2014</b> , 7, 63	207
966	Central role of Snail1 in the regulation of EMT and resistance in cancer: a target for therapeutic intervention. <b>2014</b> , 33, 62	231
965	Fibronectin module FN(III)9 adsorption at contrasting solid model surfaces studied by atomistic molecular dynamics. <b>2014</b> , 118, 9900-8	24
964	Cloning and expression profiling polycomb gene VERNALIZATION INSENSITIVE 3 in tomato. <b>2014</b> , 58, 419-426	2
963	Synthesis of bioactive ETCP coatings with tailored physico-chemical properties on zirconia bioceramics. <b>2014</b> , 25, 2333-45	6
962	Cross talk between the extracellular matrix and the immune system in the context of endocrine pancreatic islet transplantation. A review article. <b>2014</b> , 62, 67-78	10
961	Hemorrhagin VaH4, a covalent heterodimeric P-III metalloproteinase from Vipera ammodytes ammodytes with a potential antitumour activity. <b>2014</b> , 77, 141-55	14
960	Pharmacologically active microcarriers associated with thermosensitive hydrogel as a growth factor releasing biomimetic 3D scaffold for cardiac tissue-engineering. <b>2014</b> , 192, 82-94	46
959	Establishment and characterization of human engineered cells stably expressing large extracellular matrix proteins. <b>2014</b> , 37, 149-56	1
958	Pancreas-like extracellular matrix scaffold for successful pancreatic islet transplantation. <b>2014</b> , 22, 575-582	4

957	Primordial Germ Cell Migration. <b>2014</b> , 189-198	O
956	Binding of CD157 protein to fibronectin regulates cell adhesion and spreading. <b>2014</b> , 289, 15588-601	21
955	SERPINA5 inhibits tumor cell migration by modulating the fibronectin-integrin <b>1</b> signaling pathway in hepatocellular carcinoma. <b>2014</b> , 8, 366-77	26
954	Heparan sulfate proteoglycans and heparin regulate melanoma cell functions. <b>2014</b> , 1840, 2471-81	29
953	Chemically grafted fibronectin for use in QCM-D cell studies. <b>2014</b> , 58, 249-257	12
952	Vitamin a deficiency and alterations in the extracellular matrix. <b>2014</b> , 6, 4984-5017	32
951	Expression of genes encoding extracellular matrix proteins: a macroarray study. 2014, 32, 2349-53	6
950	The endocrine role between Itells and intra-islet endothelial cells. <b>2014</b> , 61, 647-54	22
949	Induction of fibronectin in response to epidermal growth factor is suppressed by silibinin through the inhibition of STAT3 in triple negative breast cancer cells. <b>2014</b> , 32, 2230-6	22
948	The extracellular matrix: Structure, composition, age-related differences, tools for analysis and applications for tissue engineering. <b>2014</b> , 5, 2041731414557112	179
947	Biological effects of soft denture reline materials on L929 cells in vitro. <b>2014</b> , 5, 2041731414540911	12
946	From Microenvironment to Nanoenvironment: Ultrastructure and Function of Extracellular Matrix. <b>2014</b> , 39-62	1
945	Forkhead box C1 induces epithelial-mesenchymal transition and is a potential therapeutic target in nasopharyngeal carcinoma. <b>2015</b> , 12, 8003-9	23
944	Ectokinases as novel cancer markers and drug targets in cancer therapy. <b>2015</b> , 4, 404-14	13
943	Identification of therapeutic targets for breast cancer using biological informatics methods. <b>2015</b> , 12, 1789-95	11
942	Effect of a nutrient mixture on the localization of extracellular matrix proteins in HeLa human cervical cancer xenografts in female nude mice. <b>2015</b> , 10, 901-906	4
941	Hypertrophic scar contracture is mediated by the TRPC3 mechanical force transducer via NFkB activation. <b>2015</b> , 5, 11620	20
940	Morphological and Functional Properties of the Blood-Brain Barrier. <b>2015</b> , 1-50	

939	The expression and activity of thioredoxin reductase 1 splice variants v1 and v2 regulate the expression of genes associated with differentiation and adhesion. <b>2015</b> , 35,	8
938	Flagellin and GroEL mediates in vitro binding of an atypical enteropathogenic Escherichia coli to cellular fibronectin. <b>2015</b> , 15, 278	12
937	Lectins as probes for assessing the accessibility of N-linked glycans in relation to the conformational changes of fibronectin. <b>2015</b> , 28, 731-41	6
936	Optimization of a planar all-polymer transistor for characterization of barrier tissue. <b>2015</b> , 16, 1210-6	19
935	Down-regulation of ARNT promotes cancer metastasis by activating the fibronectin/integrin <code>1/FAK</code> axis. <b>2015</b> , 6, 11530-46	27
934	Fibrillar cellular fibronectin supports efficient platelet aggregation and procoagulant activity. <b>2015</b> , 114, 1175-88	27
933	Articular cartilage. <b>2015</b> , 33-41	3
932	On-Off Kinetics of Engagement of FNI Modules of Soluble Fibronectin by Estrand Addition. <b>2015</b> , 10, e0124941	5
931	Leptospiral major outer membrane protein. <b>2015</b> , 26, 65-69	О
930	Bivalent ligation of the collagen-binding modules of fibronectin by SFS, a non-anchored bacterial protein of Streptococcus equi. <b>2015</b> , 290, 4866-4876	10
929	Miltirone Induces G2/M Cell Cycle Arrest and Apoptosis in CCRF-CEM Acute Lymphoblastic Leukemia Cells. <b>2015</b> , 78, 1339-47	24
928	Mechanotransduction Mechanisms for Intraventricular Diastolic Vortex Forces and Myocardial Deformations: Part 2. <b>2015</b> , 8, 293-318	22
927	MMP-14 in skeletal muscle repair. <b>2015</b> , 36, 215-25	26
926	Fibronectin Interaction and Enhancement of Growth Factors: Importance for Wound Healing. <b>2015</b> , 4, 469-478	47
925	Comparative Biology of the Normal Lung Extracellular Matrix. 2015, 387-402	1
924	Influence of surfaces modified with biomimetic extracellular matrices on adhesion and proliferation of mesenchymal stem cells and osteosarcoma cells. <b>2015</b> , 126, 381-6	21
923	Peptide therapies for ocular surface disturbances based on fibronectin-integrin interactions. <b>2015</b> , 47, 38-63	26
922	Transglutaminases in Bone Formation and Bone Matrix Stabilization. <b>2015</b> , 263-281	

921	Integrin 📶 Binding to Fibronectin Is Dependent on the Ninth Type III Repeat. 2015, 290, 25534-47	25
920	The proteolytic profile of human cancer procoagulant suggests that it promotes cancer metastasis at the level of activation rather than degradation. <b>2015</b> , 34, 338-48	5
919	Transglutaminases. 2015,	6
918	Epithelial-mesenchymal transition-associated microRNAs in colorectal cancer and drug-targeted therapies (Review). <b>2015</b> , 33, 515-25	23
917	Current serological possibilities for the diagnosis of arthritis with special focus on proteins and proteoglycans from the extracellular matrix. <b>2015</b> , 15, 77-95	4
916	Terminal glycotope expression on milk fibronectin differs from plasma fibronectin and changes over lactation. <b>2015</b> , 48, 167-73	11
915	Determination of the Clostridium perfringens-binding site on fibronectin. <b>2015</b> , 34, 174-81	8
914	Controlling Cell Adhesion Using pH-ModifiedPolyelectrolyte Multilayer Films. 2015, 1-30	2
913	Symbiodinium transcriptome and global responses of cells to immediate changes in light intensity when grown under autotrophic or mixotrophic conditions. <b>2015</b> , 82, 67-80	56
912	Mimicking bone extracellular matrix: integrin-binding peptidomimetics enhance osteoblast-like cells adhesion, proliferation, and differentiation on titanium. <b>2015</b> , 128, 191-200	66
911	Adsorption force of fibronectin on various surface chemistries and its vital role in osteoblast adhesion. <b>2015</b> , 16, 973-84	48
910	Provisional Matrix Deposition in Hemostasis and Venous Insufficiency: Tissue Preconditioning for Nonhealing Venous Ulcers. <b>2015</b> , 4, 174-191	6
909	Matrix Protein Interactions with Synthetic Surfaces. <b>2015</b> , 91-146	1
908	Natural-Based and Stimuli-Responsive Polymers for Tissue Engineering and Regenerative Medicine. <b>2015</b> , 49-90	3
907	Osteocalcin/fibronectin-functionalized collagen matrices for bone tissue engineering. <b>2015</b> , 103, 2133-40	5
906	Analysis of gene expression identifies candidate markers and pathways in pre-eclampsia. <b>2015</b> , 35, 578-84	19
905	Migrasomes: a new organelle of migrating cells. <b>2015</b> , 25, 1-2	28
904	Application of natural and semi-synthetic polymers for the delivery of sensitive drugs. <b>2015</b> , 60, 101-131	39

903	Proteolysis of decellularized extracellular matrices results in loss of fibronectin and cell binding activity. <b>2015</b> , 459, 246-251	6
902	Comparative analysis of boar seminal plasma proteome from different freezability ejaculates and identification of Fibronectin 1 as sperm freezability marker. <b>2015</b> , 3, 345-56	52
901	Metabolic and cytoprotective effects of in vivo peri-patellar hyaluronic acid injections in cultured tenocytes. <b>2015</b> , 56, 35-43	11
900	Effects of Lithium Niobate Polarization on Cell Adhesion and Morphology. <b>2015</b> , 7, 18113-9	44
899	Interstitial flows promote amoeboid over mesenchymal motility of breast cancer cells revealed by a three dimensional microfluidic model. <b>2015</b> , 7, 1402-11	47
898	Fibronectin mediates enhanced wear protection of lubricin during shear. <b>2015</b> , 16, 2884-94	24
897	Controlled Assembly of Fibronectin Nanofibrils Triggered by Random Copolymer Chemistry. <b>2015</b> , 7, 18125-35	15
896	Utilizing Fibronectin Integrin-Binding Specificity to Control Cellular Responses. <b>2015</b> , 4, 501-511	54
895	Quantitative proteomic analysis of paired colorectal cancer and non-tumorigenic tissues reveals signature proteins and perturbed pathways involved in CRC progression and metastasis. <b>2015</b> , 126, 54-67	26
894	Apolipoprotein E Inhibits Cerebrovascular Pericyte Mobility through a RhoA Protein-mediated Pathway. <b>2015</b> , 290, 14208-17	39
893	The interplay of fibronectin functionalization and TGF-II presence on fibroblast proliferation, differentiation and migration in 3D matrices. <b>2015</b> , 3, 1291-301	43
892	Fabrication of 3-dimensional multicellular microvascular structures. <b>2015</b> , 29, 3302-14	24
891	Ischemia-Reperfusion Injury in Liver Transplantation. <b>2015</b> , 1438-1451	
890	Somatic amplifications and deletions in genome of papillary thyroid carcinomas. <b>2015</b> , 50, 453-64	13
889	Material-based strategies to engineer fibronectin matrices for regenerative medicine. <b>2015</b> , 60, 245-264	20
888	Adhesion of adipose-derived mesenchymal stem cells to glycosaminoglycan surfaces with different protein patterns. <b>2015</b> , 7, 10034-43	12
887	Structure and function of the interphotoreceptor matrix surrounding retinal photoreceptor cells. <b>2015</b> , 133, 3-18	65
886	The TLR4 agonist fibronectin extra domain A is cryptic, exposed by elastase-2; use in a fibrin matrix cancer vaccine. <b>2015</b> , 5, 8569	36

# (2015-2015)

885	Induction of fibronectin by HER2 overexpression triggers adhesion and invasion of breast cancer cells. <b>2015</b> , 333, 116-26	27
884	Leptospiral outer membrane proteins and fibronectin in hostpathogen interaction. <b>2015</b> , 26, 32-35	
883	Role of region-distinctive expression of Rac1 in regulating fibronectin arrangement during palatal shelf elevation. <b>2015</b> , 361, 857-68	7
882	Metastasis suppressor NME1 regulates melanoma cell morphology, self-adhesion and motility via induction of fibronectin expression. <b>2015</b> , 24, 455-61	11
881	Wnt5a and Wnt11 regulate mammalian anterior-posterior axis elongation. 2015, 142, 1516-27	46
880	Extracellular matrix, gap junctions, and retinal vascular homeostasis in diabetic retinopathy. <b>2015</b> , 133, 58-68	26
879	Total glycosides of Yupingfeng protects against bleomycin-induced pulmonary fibrosis in rats associated with reduced high mobility group box 1 activation and epithelial-mesenchymal transition. <b>2015</b> , 64, 953-61	21
878	Improvement of Silicon Nanotweezers Sensitivity for Mechanical Characterization of Biomolecules Using Closed-Loop Control. <b>2015</b> , 20, 1418-1427	8
877	Acoustic tweezers for studying intracellular calcium signaling in SKBR-3 human breast cancer cells. <b>2015</b> , 63, 94-101	23
876	Multidimensional immunolabeling and 4D time-lapse imaging of vital ex vivo lung tissue. <b>2015</b> , 309, L323-32	15
8 <sub>7</sub> 6	Multidimensional immunolabeling and 4D time-lapse imaging of vital ex vivo lung tissue. <b>2015</b> , 309, L323-32  Genetics of endometriosis. <b>2015</b> , 11, 577-86	15 34
875	Genetics of endometriosis. <b>2015</b> , 11, 577-86  VLA-4 and CXCR4 expression levels show contrasting prognostic impact (favorable and	34
8 <sub>75</sub>	Genetics of endometriosis. 2015, 11, 577-86  VLA-4 and CXCR4 expression levels show contrasting prognostic impact (favorable and unfavorable, respectively) in acute myeloid leukemia. 2015, 94, 1631-8  Platelet-Rich Plasma Attenuates 30-kDa Fibronectin Fragment-Induced Chemokine and Matrix	34
8 <sub>75</sub> 8 <sub>74</sub> 8 <sub>73</sub>	Genetics of endometriosis. 2015, 11, 577-86  VLA-4 and CXCR4 expression levels show contrasting prognostic impact (favorable and unfavorable, respectively) in acute myeloid leukemia. 2015, 94, 1631-8  Platelet-Rich Plasma Attenuates 30-kDa Fibronectin Fragment-Induced Chemokine and Matrix Metalloproteinase Expression by Meniscocytes and Articular Chondrocytes. 2015, 43, 2481-9  The fibronectin-binding protein EfbA contributes to pathogenesis and protects against infective	34 17 11
8 <sub>75</sub> 8 <sub>74</sub> 8 <sub>73</sub> 8 <sub>72</sub>	Genetics of endometriosis. 2015, 11, 577-86  VLA-4 and CXCR4 expression levels show contrasting prognostic impact (favorable and unfavorable, respectively) in acute myeloid leukemia. 2015, 94, 1631-8  Platelet-Rich Plasma Attenuates 30-kDa Fibronectin Fragment-Induced Chemokine and Matrix Metalloproteinase Expression by Meniscocytes and Articular Chondrocytes. 2015, 43, 2481-9  The fibronectin-binding protein EfbA contributes to pathogenesis and protects against infective endocarditis caused by Enterococcus faecalis. 2015, 83, 4487-94  Cellular fibronectin 1 promotes VEGF-C expression, lymphangiogenesis and lymph node metastasis	34 17 11 29
8 <sub>75</sub> 8 <sub>74</sub> 8 <sub>73</sub> 8 <sub>72</sub> 8 <sub>71</sub>	Genetics of endometriosis. 2015, 11, 577-86  VLA-4 and CXCR4 expression levels show contrasting prognostic impact (favorable and unfavorable, respectively) in acute myeloid leukemia. 2015, 94, 1631-8  Platelet-Rich Plasma Attenuates 30-kDa Fibronectin Fragment-Induced Chemokine and Matrix Metalloproteinase Expression by Meniscocytes and Articular Chondrocytes. 2015, 43, 2481-9  The fibronectin-binding protein EfbA contributes to pathogenesis and protects against infective endocarditis caused by Enterococcus faecalis. 2015, 83, 4487-94  Cellular fibronectin 1 promotes VEGF-C expression, lymphangiogenesis and lymph node metastasis associated with human oral squamous cell carcinoma. 2015, 32, 739-53	34 17 11 29 34

867	Adipose-derived stem cell adhesion on laminin-coated microcarriers improves commitment toward the cardiomyogenic lineage. <b>2015</b> , 103, 1828-39	9
866	Serotonin (5-HT) inhibits Factor XIII-A-mediated plasma fibronectin matrix assembly and crosslinking in osteoblast cultures via direct competition with transamidation. <b>2015</b> , 72, 43-52	18
865	3D in vitro modeling of the central nervous system. <b>2015</b> , 125, 1-25	158
864	High-throughput proteomic characterization of plasma rich in growth factors (PRGF-Endoret)-derived fibrin clot interactome. <b>2015</b> , 9, E1-12	51
863	Scarring, stem cells, scaffolds and skin repair. <b>2015</b> , 9, 649-68	47
862	Platelet-rich plasma scaffolds for tissue engineering: more than just growth factors in three dimensions. <b>2015</b> , 26, 281-2	4
861	Molecular diagnostics and therapeutics for ectopic pregnancy. <b>2015</b> , 21, 126-35	14
860	Biological wires, communication systems, and implications for disease. <b>2015</b> , 127, 14-27	29
859	Fibroblast-endothelial partners for vascularization strategies in tissue engineering. <b>2015</b> , 21, 1055-65	43
858	Maternal serum glycosylated fibronectin as a point-of-care biomarker for assessment of preeclampsia. <b>2015</b> , 212, 82.e1-9	28
857	The Regulation of TGFI Induced Fibronectin EDA Exon Alternative Splicing in Human Renal Proximal Tubule Epithelial Cells. <b>2015</b> , 230, 286-95	11
856	Surface analysis of titanium biological modification with glow discharge. <b>2015</b> , 17, 469-75	11
855	Additive effect of recombinant Mycobacterium tuberculosis ESAT-6 protein and ESAT-6/CFP-10 fusion protein in adhesion of macrophages through fibronectin receptors. <b>2016</b> , 49, 249-56	7
854	The Mosaic of Extracellular Matrix in the Central Nervous System as a Determinant of Glial Heterogeneity. <b>2016</b> ,	4
853	CCN Family: Matricellular Proteins in Cartilage and Bone Development. <b>2016</b> ,	1
852	. 2016,	3
851	Levels of serum fibronectin as a biomarker in gastric cancer patients: Correlation with clinical diagnosis and outcome. <b>2016</b> , 4, 655-659	5
850	Metformin blocks progression of obesity-activated thyroid cancer in a mouse model. <b>2016</b> , 7, 34832-44	21

#### (2016-2016)

In vitro effect of transforming growth factor-B1 (TGF-B1) on gene expression in human flexor 849 digitorum profundus tendon cells. 2016, 05, The TGF-Dathway is activated by 5-fluorouracil treatment in drug resistant colorectal carcinoma 848 39 cells. 2016, 7, 22077-91 Detection of Soluble ED-A(+) Fibronectin and Evaluation as Novel Serum Biomarker for Cardiac 847 5 Tissue Remodeling. 2016, 2016, 3695454 Multilayer Membranes of Glycosaminoglycans and Collagen I Biomaterials Modulate the Function 846 6 and Microvesicle Release of Endothelial Progenitor Cells. 2016, 2016, 4796578 Biological Effects of Culture Substrates on Human Pluripotent Stem Cells. 2016, 2016, 5380560 18 845 The Role of Fibronectin in the Adherence and Inflammatory Response Induced by 844 6 Enteroaggregative on Epithelial Cells. 2016, 6, 166 Involvement of DNMT 3B promotes epithelial-mesenchymal transition and gene expression profile 843 26 of invasive head and neck squamous cell carcinomas cell lines. 2016, 16, 431 C6: A Monoclonal Antibody Specific for a Fibronectin Epitope Situated at the Interface between the 842 2 Oncofoetal Extra-Domain B and the Repeat III8. 2016, 11, e0148103 Voltage-Gated K+ Channel, Kv3.3 Is Involved in Hemin-Induced K562 Differentiation. 2016, 11, e0148633 841 1 Mesenchymal Stromal Cells Epithelial Transition Induced by Renal Tubular Cells-Derived 840 17 Extracellular Vesicles. 2016, 11, e0159163 Full-Length Fibronectin Drives Fibroblast Accumulation at the Surface of Collagen Microtissues 839 12 during Cell-Induced Tissue Morphogenesis. 2016, 11, e0160369 Biospectroscopy of Nanodiamond-Induced Alterations in Conformation of Intra- and Extracellular 838 40 Proteins: A Nanoscale IR Study. **2016**, 88, 7530-8 SIFORM: shared informative factor models for integration of multi-platform bioinformatic data. 837 1 2016, 32, 3279-3290 Fibronectin assembly during early embryo development: A versatile communication system 836 18 between cells and tissues. 2016, 245, 520-35 Human Fibroblast Sheet Promotes Human Pancreatic Islet Survival and Function In Vitro. 2016, 25, 1525-37 835 10 ECM proteins in a microporous scaffold influence hepatocyte morphology, function, and gene 834 expression. 2016, 6, 37427 Substrates and Surfaces for Control of Pluripotent Stem Cell Fate and Function. 2016, 343-380 833 1 Sandblasting and fibronectin-derived peptide immobilization on titanium surface increase adhesion 832 9 and differentiation of osteoblast-like cells (MC3T3-E1). 2016, 11, 427-436

831	Morphology, proliferation, and gene expression of gingival fibroblasts on Laser-Lok, titanium, and zirconia surfaces. <b>2016</b> , 31, 863-73	24
830	A Human Amnion-Derived Extracellular Matrix-Coated Cell-Free Scaffold for Cartilage Repair: In Vitro and In Vivo Studies. <b>2016</b> , 22, 680-8	27
829	The site of the bite: Leishmania interaction with macrophages, neutrophils and the extracellular matrix in the dermis. <b>2016</b> , 9, 264	41
828	Dynamic structure of plasma fibronectin. <b>2015</b> , 51, 213-27	56
827	Competitive Adsorption of Plasma Proteins Using a Quartz Crystal Microbalance. <b>2016</b> , 8, 13207-17	26
826	Biomineralization on single crystalline rutile: the modulated growth of hydroxyapatite by fibronectin in a simulated body fluid. <b>2016</b> , 6, 35507-35516	15
825	PLLA/ZnO nanocomposites: Dynamic surfaces to harness cell differentiation. <b>2016</b> , 144, 152-160	20
824	Identification of potential therapeutic target genes and mechanisms in head and neck squamous cell carcinoma by bioinformatics analysis. <b>2016</b> , 11, 3009-3014	16
823	Interpreting the distinct and shared genetic characteristics between Epstein-Barr virus associated and non-associated gastric carcinoma. <b>2016</b> , 576, 798-806	3
822	Effects of substrate stiffness and cell-cell contact on mesenchymal stem cell differentiation. <b>2016</b> , 98, 184-91	156
821	Galectin-3-induced cell spreading and motility relies on distinct signaling mechanisms compared to fibronectin. <b>2016</b> , 416, 179-91	8
820	Biology of frailty: Modulation of ageing genes and its importance to prevent age-associated loss of function. <b>2016</b> , 50, 88-108	41
819	Effect of Polyelectrolyte Multilayers Assembled on Ordered Nanostructures on Adhesion of Human Fibroblasts. <b>2016</b> , 8, 25142-51	10
818	Plasma concentration of fibronectin is decreased in patients with hypertrophic cardiomyopathy. <b>2016</b> , 463, 62-66	7
817	miR-1207-3p regulates the androgen receptor in prostate cancer via FNDC1/fibronectin. <b>2016</b> , 348, 190-200	40
816	Synergistic growth factor microenvironments. <b>2016</b> , 52, 13327-13336	37
815	Quantification of fibronectin as a method to assess ex´vivo extracellular matrix remodeling. <b>2016</b> , 478, 586-91	14
814	Beyond Endometriosis Genome-Wide Association Study: From Genomics to Phenomics to the Patient. <b>2016</b> , 34, 242-54	50

813	Peroxynitrite-mediated oxidation of plasma fibronectin. <b>2016</b> , 97, 602-615	33
812	Surface guidance of stem cell behavior: Chemically tailored co-presentation of integrin-binding peptides stimulates osteogenic differentiation in vitro and bone formation in vivo. <b>2016</b> , 43, 269-281	40
811	Effects of Ethanol on Brain Extracellular Matrix: Implications for Alcohol Use Disorder. <b>2016</b> , 40, 2030-2042	32
810	Neural tissue engineering: Bioresponsive nanoscaffolds using engineered self-assembling peptides. <b>2016</b> , 44, 2-15	52
809	Effects of Fibronectin Coating on Bacterial and Osteoblast Progenitor Cells Adherence in a Co-culture Assay. <b>2017</b> , 973, 17-30	3
808	Characteristic adaptations of the extracellular matrix in dilated cardiomyopathy. <b>2016</b> , 220, 634-46	38
807	Designer Extracellular Matrix Based on DNA-Peptide Networks Generated by Polymerase Chain Reaction. <b>2016</b> , 55, 10136-40	24
806	High expression of fibronectin is associated with poor prognosis, cell proliferation and malignancy via the NF-B/p53-apoptosis signaling pathway in colorectal cancer. <b>2016</b> , 36, 3145-3153	47
805	Structural and functional analysis of an anchorless fibronectin-binding protein FBPS from Gram-positive bacterium Streptococcus suis. <b>2016</b> , 113, 13869-13874	21
804	Anti-metastatic potential of resveratrol and its metabolites by the inhibition of epithelial-mesenchymal transition, migration, and invasion of malignant cancer cells. <b>2016</b> , 23, 1787-1796	36
803	Heparin regulates B6FS cell motility through a FAK/actin cytoskeleton axis. 2016, 36, 2471-2480	2
802	Establishment of an in vitro monolayer model of macular corneal dystrophy. <b>2016</b> , 96, 1311-1326	6
801	Generation and Application of 3D Culture Systems in Human Drug Discovery and Medicine. <b>2016</b> , 265-287	1
800	Investigation of the adhesive characteristics of polymer-protein systems through molecular dynamics simulation and their relation to cell adhesion and proliferation. <b>2016</b> , 8, 1276-1295	7
799	Design principles for therapeutic angiogenic materials. <b>2016</b> , 1,	109
798	Material-driven fibronectin assembly for high-efficiency presentation of growth factors. <b>2016</b> , 2, e1600188	78
797	In Situ Characterization of Hydrated Proteins in Water by SALVI and ToF-SIMS. 2016, 53708	13
796	Proteomic Changes in the Plasma of Broiler Chickens with Femoral Head Necrosis. <b>2016</b> , 11, 55-62	10

795	Inhibition of Migration and Invasion by Tet-1 Overexpression in Human Lung Carcinoma H460 Cells. <b>2016</b> , 23, 89-98	7
794	Fibronectin binding protein and Ca play an access key role to mediate pathogenesis in Mycobacterium tuberculosis: An overview. <b>2016</b> , 63, 820-826	9
793	Fibronectin maintains the balance between hemostasis and thrombosis. <b>2016</b> , 73, 3265-77	30
792	Effect of Immobilized Thiolated Glycosaminoglycans on Fibronectin Adsorption and Behavior of Fibroblasts. <b>2016</b> , 16, 381-94	12
791	IGF-I/EGF and E2 signaling crosstalk through IGF-IR conduit point affects breast cancer cell adhesion. <b>2016</b> , 56, 95-113	19
790	Regulation of fibronectin gene expression in cardiac fibroblasts by scleraxis. <b>2016</b> , 366, 381-391	20
789	Anisotropically Stiff 3D Micropillar Niche Induces Extraordinary Cell Alignment and Elongation. <b>2016</b> , 5, 1884-92	22
788	Engineering of microscale three-dimensional pancreatic islet models in vitro and their biomedical applications. <b>2016</b> , 36, 619-29	15
787	Modeling continuum of epithelial mesenchymal transition plasticity. <b>2016</b> , 8, 167-76	34
786	Extracellular Matrix and Regenerative Therapies from the Cardiac Perspective. <b>2016</b> , 12, 202-13	16
7 <sup>8</sup> 5	Periostin promotes secretion of fibronectin from the endoplasmic reticulum. <b>2016</b> , 470, 888-93	22
784	Tuning Mesenchymal Stem Cell Response onto Titanium-Niobium-Hafnium Alloy by Recombinant Fibronectin Fragments. <b>2016</b> , 8, 2517-25	26
7 <sup>8</sup> 3	Extracellular matrix structure. <b>2016</b> , 97, 4-27	913
782	A fibronectin mimetic motif improves integrin mediated cell biding to recombinant spider silk matrices. <b>2016</b> , 74, 256-66	52
781	Titin-Based Nanoparticle Tension Sensors Map High-Magnitude Integrin Forces within Focal Adhesions. <b>2016</b> , 16, 341-8	56
780	Silibinin inhibits triple negative breast cancer cell motility by suppressing TGF-2 expression. <b>2016</b> , 37, 11397-407	17
779	Adhesion molecules and the extracellular matrix as drug targets for glioma. <b>2016</b> , 33, 97-106	23
778	Matrices secreted during simultaneous osteogenesis and adipogenesis of mesenchymal stem cells affect stem cells differentiation. <b>2016</b> , 35, 185-93	26

# (2017-2016)

777	Heterogeneous Differentiation of Human Mesenchymal Stem Cells in 3D Extracellular Matrix Composites. <b>2016</b> , 5, 37-48	22
776	Copper(II) complexes with peptides based on the second cell binding site of fibronectin: metal coordination and ligand exchange kinetics. <b>2016</b> , 18, 3982-94	7
775	Lateral Chain Length in Polyalkyl Acrylates Determines the Mobility of Fibronectin at the Cell/Material Interface. <b>2016</b> , 32, 800-9	24
774	Glucose-regulated protein 94 mediates metastasis by CCT8 and the JNK pathway in hepatocellular carcinoma. <b>2016</b> , 37, 8219-27	19
773	Matrix control of pancreatic cancer: New insights into fibronectin signaling. <b>2016</b> , 381, 252-8	64
772	Matrix Remodeling in Pulmonary Fibrosis and Emphysema. <b>2016</b> , 54, 751-60	68
771	Fibronectin-targeted drug delivery in cancer. <b>2016</b> , 97, 101-10	70
770	Mechanosensing in cell-matrix adhesions - Converting tension into chemical signals. <b>2016</b> , 343, 35-41	58
769	Proteomic analysis of naturally-sourced biological scaffolds. <b>2016</b> , 75, 37-46	85
768	Advancing biomaterials of human origin for tissue engineering. <b>2016</b> , 53, 86-168	575
768 767	Advancing biomaterials of human origin for tissue engineering. 2016, 53, 86-168  Molecular and Immunological Basis of Tubulo-Interstitial Injury in Lupus Nephritis: a Comprehensive Review. 2017, 52, 149-163	575 19
ĺ	Molecular and Immunological Basis of Tubulo-Interstitial Injury in Lupus Nephritis: a	
767	Molecular and Immunological Basis of Tubulo-Interstitial Injury in Lupus Nephritis: a Comprehensive Review. <b>2017</b> , 52, 149-163  Microenvironmental factors involved in human amnion mesenchymal stem cells fate decisions.	19
767 766	Molecular and Immunological Basis of Tubulo-Interstitial Injury in Lupus Nephritis: a Comprehensive Review. <b>2017</b> , 52, 149-163  Microenvironmental factors involved in human amnion mesenchymal stem cells fate decisions. <b>2017</b> , 11, 311-320	19 8
767 766 765	Molecular and Immunological Basis of Tubulo-Interstitial Injury in Lupus Nephritis: a Comprehensive Review. <b>2017</b> , 52, 149-163  Microenvironmental factors involved in human amnion mesenchymal stem cells fate decisions. <b>2017</b> , 11, 311-320  Dissecting the interaction between transglutaminase 2 and fibronectin. <b>2017</b> , 49, 489-500	19 8 14
767 766 765	Molecular and Immunological Basis of Tubulo-Interstitial Injury in Lupus Nephritis: a Comprehensive Review. 2017, 52, 149-163  Microenvironmental factors involved in human amnion mesenchymal stem cells fate decisions. 2017, 11, 311-320  Dissecting the interaction between transglutaminase 2 and fibronectin. 2017, 49, 489-500  Fibronectin fibrils regulate TGF-II-induced Epithelial-Mesenchymal Transition. 2017, 60-61, 157-175  Proteomic profiles of thyroid tumors by mass spectrometry-imaging on tissue microarrays. 2017,	19 8 14 51
767 766 765 764 763	Molecular and Immunological Basis of Tubulo-Interstitial Injury in Lupus Nephritis: a Comprehensive Review. 2017, 52, 149-163  Microenvironmental factors involved in human amnion mesenchymal stem cells fate decisions. 2017, 11, 311-320  Dissecting the interaction between transglutaminase 2 and fibronectin. 2017, 49, 489-500  Fibronectin fibrils regulate TGF-II-induced Epithelial-Mesenchymal Transition. 2017, 60-61, 157-175  Proteomic profiles of thyroid tumors by mass spectrometry-imaging on tissue microarrays. 2017, 1865, 817-827	19 8 14 51 17

759	The development of polymeric biomaterials inspired by the extracellular matrix. 2017, 28, 1051-1069	15
758	The role of angiopoietin-2 in nucleus pulposus cells during human intervertebral disc degeneration. <b>2017</b> , 97, 971-982	13
757	Enhanced osteogenic activity of anatase TiO film: Surface hydroxyl groups induce conformational changes in fibronectin. <b>2017</b> , 78, 96-104	36
756	Amino acid polymorphisms in the fibronectin-binding repeats of fibronectin-binding protein A affect bond strength and fibronectin conformation. <b>2017</b> , 292, 8797-8810	15
755	Modelling of Tumour-Induced Angiogenesis Influenced by Haptotaxis. 2017, 173-191	
754	Nanotribology and Nanomechanics of MEMS/NEMS and BioMEMS/BioNEMS Materials and Devices. <b>2017</b> , 797-907	2
753	Kidney development and perspectives for organ engineering. <b>2017</b> , 369, 171-183	10
752	Expression of Biglycan in First Trimester Chorionic Villous Sampling Placental Samples and Altered Function in Telomerase-Immortalized Microvascular Endothelial Cells. <b>2017</b> , 37, 1168-1179	7
751	The expression of fibronectin is significantly suppressed in macrophages to exert a protective effect against Staphylococcus aureus infection. <b>2017</b> , 17, 92	2
750	4-antitrypsin promotes lung adenocarcinoma metastasis through upregulating fibronectin expression. <b>2017</b> , 50, 1955-1964	20
749	Mechanotransduction and Growth Factor Signalling to Engineer Cellular Microenvironments. <b>2017</b> , 6, 1700052	37
748	Effect of Negative Pressure Wound Therapy on Cellular Fibronectin and Transforming Growth Factor-II Expression in Diabetic Foot Wounds. <b>2017</b> , 38, 893-900	13
747	De Novo Coding Variants Are Strongly Associated with Tourette Disorder. <b>2017</b> , 94, 486-499.e9	89
746	Surface morphological influence on the in vitro bioactivity and response of mesenchymal stem cells. <b>2017</b> , 32, 535-542	4
745	Compartmentalized microfluidic perfusion system to culture human induced pluripotent stem cell aggregates. <b>2017</b> , 124, 234-241	5
744	Fundamental insight into the effect of carbodiimide crosslinking on cellular recognition of collagen-based scaffolds. <b>2017</b> , 49, 218-234	82
743	Biocompatibility Pathways: Biomaterials-Induced Sterile Inflammation, Mechanotransduction, and Principles of Biocompatibility Control. <b>2017</b> , 3, 2-35	59
742	Glycated Collagen Stimulates Differentiation of Gingival Myofibroblasts. <b>2017</b> , 88, 926-935	4

741	Glycosaminoglycan-based resorbable polymer composites in tissue refurbishment. <b>2017</b> , 12, 431-457	15
740	Novel Predators Reshape Holozoan Phylogeny and Reveal the Presence of a Two-Component Signaling System in the Ancestor of Animals. <b>2017</b> , 27, 2043-2050.e6	49
739	Topical Fibronectin Improves Wound Healing of Irradiated Skin. <b>2017</b> , 7, 3876	24
738	Fibronectin promotes directional persistence in fibroblast migration through interactions with both its cell-binding and heparin-binding domains. <b>2017</b> , 7, 3711	24
737	Cell migration on material-driven fibronectin microenvironments. 2017, 5, 1326-1333	19
736	Human melanoma inhibitory protein binds to the FN12-14 Hep II domain of fibronectin. <b>2017</b> , 12, 02D415	2
735	Splicing factors differentially expressed in psoriasis alter mRNA maturation of disease-associated EDA+ fibronectin. <b>2017</b> , 436, 189-199	6
734	Vascular-homing peptides for cancer therapy. <b>2017</b> , 92, 187-195	22
733	A cell adhesive peptide from tropoelastin promotes sequential cell attachment and spreading via distinct receptors. <b>2017</b> , 284, 2216-2230	23
732	A three-gene signature from protein-protein interaction network of LOXL2- and actin-related proteins for esophageal squamous cell carcinoma prognosis. <b>2017</b> , 6, 1707-1719	19
731	Fibroblast-fibronectin patterning and network formation in 3D fibrin matrices. 2017, 64, 69-80	25
730	Emerging Trends in Neuro Engineering and Neural Computation. <b>2017</b> ,	3
729	Long-term liver-specific functions of hepatocytes in electrospun chitosan nanofiber scaffolds coated with fibronectin. <b>2017</b> , 105, 2119-2128	40
728	Transglutaminases factor XIII-A and TG2 regulate resorption, adipogenesis and plasma fibronectin homeostasis in bone and bone marrow. <b>2017</b> , 24, 844-854	28
727	Traditional Chinese medicine Jianpi Bushen therapy suppresses the onset of pre-metastatic niche in a murine model of spontaneous lung metastasis. <b>2017</b> , 86, 434-440	7
726	Effect of intraoral mechanical stress application on the expression of a force-responsive prognostic marker associated with system disease progression. <b>2017</b> , 57, 57-65	2
7 <del>2</del> 5	Thyroid hormone regulates fibronectin expression through the activation of the hypoxia inducible factor 1. <b>2017</b> , 493, 1304-1310	5
724	Interaction of vaginal Lactobacillus strains with HeLa cells plasma membrane. <b>2017</b> , 8, 625-633	17

723	Cancer-associated fibroblasts promote directional cancer cell migration by aligning fibronectin. <b>2017</b> , 216, 3799-3816	241
722	Diffusion-weighted imaging in ectopic pregnancy: ring of restriction sign. <b>2018</b> , 91, 20170528	3
721	Androgen Regulates Dimorphic F-Actin Assemblies in the Genital Organogenesis. 2017, 11, 190-202	4
720	Vitronectin as a Micromanager of Cell Response in Material-Driven Fibronectin Nanonetworks. <b>2017</b> , 1, 1700047	8
719	Extracellular Matrix Proteins Mediate HIV-1 gp120 Interactions with <b>2017</b> , 91,	6
718	Matrisome Profiling During Intervertebral Disc Development And Ageing. <b>2017</b> , 7, 11629	23
717	Can regular moderate exercise lead to changes in miRNA-146a and its adapter proteins in the kidney of streptozotocin-induced diabetic male rats?. <b>2017</b> , 51, 145-152	7
716	Complete genome sequence analysis of the fish pathogen Flavobacterium columnare provides insights into antibiotic resistance and pathogenicity related genes. <b>2017</b> , 111, 203-211	9
715	The Extracellular Matrix of Tumors: A Focus on Fibronectin and Fibulin-5. <b>2017</b> , 1-15	
714	Extracellular Matrix Induction of Intracellular Reactive Oxygen Species. 2017, 27, 774-784	14
7 <sup>1</sup> 4	Extracellular Matrix Induction of Intracellular Reactive Oxygen Species. 2017, 27, 774-784  Fibronectin is a stress responsive gene regulated by HSF1 in response to geldanamycin. 2017, 7, 17617	1 <sub>4</sub>
713	Fibronectin is a stress responsive gene regulated by HSF1 in response to geldanamycin. <b>2017</b> , 7, 17617  TGF-IInduces oncofetal fibronectin that, in turn, modulates TGF-Isuperfamily signaling in	7
7 <sup>1</sup> 3	Fibronectin is a stress responsive gene regulated by HSF1 in response to geldanamycin. <b>2017</b> , 7, 17617  TGF-IInduces oncofetal fibronectin that, in turn, modulates TGF-Isuperfamily signaling in endothelial cells. <i>Journal of Cell Science</i> , <b>2018</b> , 131,	7
713 712 711	Fibronectin is a stress responsive gene regulated by HSF1 in response to geldanamycin. 2017, 7, 17617  TGF-IInduces oncofetal fibronectin that, in turn, modulates TGF-IBuperfamily signaling in endothelial cells. <i>Journal of Cell Science</i> , 2018, 131,  Novel peptide probes to assess the tensional state of fibronectin fibers in cancer. 2017, 8, 1793	7 20 16
713 712 711 710	Fibronectin is a stress responsive gene regulated by HSF1 in response to geldanamycin. 2017, 7, 17617  TGF-IInduces oncofetal fibronectin that, in turn, modulates TGF-IBuperfamily signaling in endothelial cells. <i>Journal of Cell Science</i> , 2018, 131,  Novel peptide probes to assess the tensional state of fibronectin fibers in cancer. 2017, 8, 1793  MEMS/NEMS and BioMEMS/BioNEMS: Tribology, Mechanics, Materials and Devices. 2017, 1331-1416  Increased synthesis and deposition of extracellular matrix proteins leads to endoplasmic reticulum	7 20 16
713 712 711 710 709	Fibronectin is a stress responsive gene regulated by HSF1 in response to geldanamycin. 2017, 7, 17617  TGF-Induces oncofetal fibronectin that, in turn, modulates TGF-Isuperfamily signaling in endothelial cells. Journal of Cell Science, 2018, 131,  Novel peptide probes to assess the tensional state of fibronectin fibers in cancer. 2017, 8, 1793  MEMS/NEMS and BioMEMS/BioNEMS: Tribology, Mechanics, Materials and Devices. 2017, 1331-1416  Increased synthesis and deposition of extracellular matrix proteins leads to endoplasmic reticulum stress in the trabecular meshwork. 2017, 7, 14951  Mutations in Fibronectin Cause a Subtype of Spondylometaphyseal Dysplasia with "Corner"	7 20 16 2

705	Crotoxin, a rattlesnake toxin, down-modulates functions of bone marrow neutrophils and impairs the Syk-GTPase pathway. <b>2017</b> , 136, 44-55	8
704	Bioinspired Hydrogels to Engineer Cancer Microenvironments. <b>2017</b> , 19, 109-133	47
703	Native flexibility of structurally homologous proteins: insights from anisotropic network model. <b>2017</b> , 10, 1	4
702	Mapping the recognition domains of pneumococcal fibronectin-binding proteins PavA and PavB demonstrates a common pattern of molecular interactions with fibronectin type III repeats. <b>2017</b> , 105, 839-859	12
701	Down-regulation of fibronectin and the correlated expression of neuroligin in hirschsprung disease. <b>2017</b> , 29, e13134	4
700	TRALI following fresh frozen plasma resuscitation from burn shock. <b>2017</b> , 43, 397-402	8
699	Improved Proliferative Capacity of NP-Like Cells Derived from Human Mesenchymal Stromal Cells and Neuronal Transdifferentiation by Small Molecules. <b>2017</b> , 42, 415-427	12
698	Monocyte behaviour and tissue transglutaminase expression during experimental autoimmune encephalomyelitis in transgenic CX3CR1 mice. <b>2017</b> , 49, 643-658	7
697	Adhesion of mesenchymal stem cells to biomimetic polymers: A review. <b>2017</b> , 71, 1192-1200	28
696	Fibronectin, the extracellular glue. <b>2017</b> , 60-61, 27-37	153
696 695	Fibronectin, the extracellular glue. <b>2017</b> , 60-61, 27-37  The role of biophysical properties of provisional matrix proteins in wound repair. <b>2017</b> , 60-61, 124-140	153 54
695	The role of biophysical properties of provisional matrix proteins in wound repair. <b>2017</b> , 60-61, 124-140  Fibronectin-Derived Oligopeptide Stimulates Osteoblast Differentiation Through a Bone	54
695 694	The role of biophysical properties of provisional matrix proteins in wound repair. <b>2017</b> , 60-61, 124-140  Fibronectin-Derived Oligopeptide Stimulates Osteoblast Differentiation Through a Bone Morphogenic Protein 2-Like Signaling Pathway. <b>2017</b> , 88, e42-e48  Is monocyte- and macrophage-derived tissue transglutaminase involved in inflammatory	54 5
695 694 693	The role of biophysical properties of provisional matrix proteins in wound repair. 2017, 60-61, 124-140  Fibronectin-Derived Oligopeptide Stimulates Osteoblast Differentiation Through a Bone Morphogenic Protein 2-Like Signaling Pathway. 2017, 88, e42-e48  Is monocyte- and macrophage-derived tissue transglutaminase involved in inflammatory processes?. 2017, 49, 441-452	54 5 20
<ul><li>695</li><li>694</li><li>693</li><li>692</li></ul>	The role of biophysical properties of provisional matrix proteins in wound repair. 2017, 60-61, 124-140  Fibronectin-Derived Oligopeptide Stimulates Osteoblast Differentiation Through a Bone Morphogenic Protein 2-Like Signaling Pathway. 2017, 88, e42-e48  Is monocyte- and macrophage-derived tissue transglutaminase involved in inflammatory processes?. 2017, 49, 441-452  Silk-based biomaterials functionalized with fibronectin type II promotes cell adhesion. 2017, 47, 50-59  Proteolytic fragments of fibronectin function as matrikines driving the chemotactic affinity of prostate cancer cells to human bone marrow mesenchymal stromal cells via the 11 integrin. 2017	54 5 20 20
<ul><li>695</li><li>694</li><li>693</li><li>692</li><li>691</li></ul>	The role of biophysical properties of provisional matrix proteins in wound repair. 2017, 60-61, 124-140  Fibronectin-Derived Oligopeptide Stimulates Osteoblast Differentiation Through a Bone Morphogenic Protein 2-Like Signaling Pathway. 2017, 88, e42-e48  Is monocyte- and macrophage-derived tissue transglutaminase involved in inflammatory processes?. 2017, 49, 441-452  Silk-based biomaterials functionalized with fibronectin type II promotes cell adhesion. 2017, 47, 50-59  Proteolytic fragments of fibronectin function as matrikines driving the chemotactic affinity of prostate cancer cells to human bone marrow mesenchymal stromal cells via the Bil integrin. 2017, 11, 305-315  3D is not enough: Building up a cell instructive microenvironment for tumoral stroma microtissues.	54 5 20 20

687	Fibronectins: Structural-functional relationships. <b>2017</b> , 53, 450-464	1
686	Emerging Roles for MicroRNAs in Diabetic Microvascular Disease: Novel Targets for Therapy. <b>2017</b> , 38, 145-168	106
685	Effect of thiolated glycosaminoglycans on the behavior of breast cancer cells: toward the development of in vitro models of cancer. <b>2017</b> , 40, 31-39	5
684	Planar polarity of the extraembryonic epithelia in the preimplantation porcine conceptus. <b>2017</b> , 61, 505-517	1
683	Regulation of human gingival fibroblast gene expression on microgrooves: A DNA microarray study. <b>2017</b> , 55, 361	
682	Targeting integrins with RGD-conjugated gold nanoparticles in radiotherapy decreases the invasive activity of breast cancer cells. <b>2017</b> , 12, 5069-5085	62
681	Multimodal evaluation of ultra-short laser pulses treatment for skin burn injuries. <b>2017</b> , 8, 1575-1588	9
680	Cancer Cells Elimination Guided by Aptamer-Functionalized Gold-Coated Magnetic Nanoparticles and Controlled with Low Frequency Alternating Magnetic Field. <b>2017</b> , 7, 3326-3337	30
679	4.19 Growth Factors and Protein-Modified Surfaces and Interfaces ?. <b>2017</b> , 321-359	
678	Equine skeletal muscle adaptations to exercise and training: evidence of differential regulation of autophagosomal and mitochondrial components. <b>2017</b> , 18, 595	16
677	Extracellular Matrix Scaffolds for Tissue Engineering and Regenerative Medicine. 2017, 12, 233-246	82
676	Iron Oxide Nanoparticles Stimulates Extra-Cellular Matrix Production in Cellular Spheroids. <b>2017</b> , 4,	11
675	The Role of Tumor Microenvironment in Chemoresistance: To Survive, Keep Your Enemies Closer. <b>2017</b> , 18,	201
674	Assessment of Circulating Protein Signatures for Kidney Transplantation in Pediatric Recipients. <b>2017</b> , 4, 80	7
673	3.23 Infrared and Raman Microscopy and Imaging of Biomaterials at the Micro and Nano Scale. <b>2017</b> , 498-518	
672	An Overview of Biomaterials in Periodontology and Implant Dentistry. <b>2017</b> , 2017, 1-7	5
671	Phosphaturic mesenchymal tumor (PMT): exceptionally rare disease, yet crucial not to miss. <b>2017</b> , 7, 32-37	17
670	5.6 Effects of Mechanical Stress on Cells. <b>2017</b> , 102-114	

669	2.8 Artificial Extracellular Matrices to Functionalize Biomaterial Surfaces. <b>2017</b> , 147-178	3
668	4.11 Nanoscale Surface Cues and Cell Behavior ?. <b>2017</b> , 163-179	
667	Utilization of Molecular Dynamics Simulation Coupled with Experimental Assays to Optimize Biocompatibility of an Electrospun PCL/PVA Scaffold. <b>2017</b> , 12, e0169451	14
666	R1R2 peptide ameliorates pulmonary fibrosis in mice through fibrocyte migration and differentiation. <b>2017</b> , 12, e0185811	11
665	Lysyl Oxidase Enhances the Deposition of Tropoelastin through the Catalysis of Tropoelastin Molecules on the Cell Surface. <b>2017</b> , 40, 1646-1653	14
664	An anthocyanin rich strawberry extract induces apoptosis and ROS while decreases glycolysis and fibrosis in human uterine leiomyoma cells. <b>2017</b> , 8, 23575-23587	26
663	Fibronectin: How Its Aberrant Expression in Tumors May Improve Therapeutic Targeting. 2017, 8, 674-682	107
662	RAC1 GTP-ase signals Wnt-beta-catenin pathway mediated integrin-directed metastasis-associated tumor cell phenotypes in triple negative breast cancers. <b>2017</b> , 8, 3072-3103	33
661	A comprehensive analysis of candidate gene signatures in oral squamous cell carcinoma. <b>2017</b> , 64, 167-174	4
660	Stimuli-Responsive Multilayers Based on Thiolated Polysaccharides That Affect Fibroblast Cell Adhesion. <b>2018</b> , 10, 8507-8518	15
659	Anti-cancer therapy with TNF⊞and IFNEA comprehensive review. <b>2018</b> , 51, e12441	43
658	Surface Functionalization of Ti6Al4V via Self-assembled Monolayers for Improved Protein Adsorption and Fibroblast Adhesion. <b>2018</b> , 34, 3494-3506	75
657	Hybrid Biomimetic Interfaces Integrating Supported Lipid Bilayers with Decellularized Extracellular Matrix Components. <b>2018</b> , 34, 3507-3516	6
656	A Selective Extracellular Matrix Proteomics Approach Identifies Fibronectin Proteolysis by A Disintegrin-like and Metalloprotease Domain with Thrombospondin Type 1 Motifs (ADAMTS16) and Its Impact on Spheroid Morphogenesis. <b>2018</b> , 17, 1410-1425	17
655	Surface-exposed loops and an acidic patch in the Scl1 protein of group A enable Scl1 binding to wound-associated fibronectin. <b>2018</b> , 293, 7796-7810	9
654	Materials for Neural Differentiation, Trans-Differentiation, and Modeling of Neurological Disease. <b>2018</b> , 30, e1705684	22
653	Time-dependent changes in extra-domain A-fibronectin concentration and relative amounts of fibronectin-fibrin complexes in plasma of patients with peripheral arterial disease after endovascular revascularisation. <b>2018</b> , 15, 649-659	5
652	More than a syllable in fib-ROS-is: The role of ROS on the fibrotic extracellular matrix and on cellular contacts. <b>2018</b> , 63, 30-46	12

651	Harnessing Cell Dynamic Responses on Magnetoelectric Nanocomposite Films to Promote Osteogenic Differentiation. <b>2018</b> , 10, 7841-7851	36
650	Cell adhesion and matricellular support by astrocytes of the tripartite synapse. <b>2018</b> , 165-167, 66-86	40
649	Unraveling the Mechanobiology of Extracellular Matrix. <b>2018</b> , 80, 353-387	104
648	Mining DNA methylation alterations towards a classification of placental pathologies. <b>2018</b> , 27, 135-146	39
647	Receptor control in mesenchymal stem cell engineering. <b>2018</b> , 3,	71
646	TWIST1 induces expression of discoidin domain receptor 2 to promote ovarian cancer metastasis. <b>2018</b> , 37, 1714-1729	31
645	The fibronectin ED-A domain enhances recruitment of latent TGF-Ebinding protein-1 to the fibroblast matrix. <i>Journal of Cell Science</i> , <b>2018</b> , 131,	66
644	Parental exposure to gamma radiation causes progressively altered transcriptomes linked to adverse effects in zebrafish offspring. <b>2018</b> , 234, 855-863	18
643	Insights into the Pathophysiology of Hypertrophic Scars and Keloids: How Do They Differ?. <b>2018</b> , 31, 582-595	31
642	The role of extracellular matrix stiffness in megakaryocyte and platelet development and function. <b>2018</b> , 93, 430-441	30
641	Binding of Fibronectin to SsPepO Facilitates the Development of Streptococcus suis Meningitis. <b>2018</b> , 217, 973-982	8
640	Tunable mechanical properties of stent-like microscaffolds for studying cancer cell recognition of stiffness gradients. <b>2018</b> , 190, 11-18	15
639	Matrix stiffness-upregulated LOXL2 promotes fibronectin production, MMP9 and CXCL12 expression and BMDCs recruitment to assist pre-metastatic niche formation. <b>2018</b> , 37, 99	51
638	Global expression profiling and pathway analysis of mouse mammary tumor reveals strain and stage specific dysregulated pathways in breast cancer progression. <b>2018</b> , 17, 963-973	3
637	Novel Proteomic Assay of Breast Implants Reveals Proteins With Significant Binding Differences: Implications for Surface Coating and Biocompatibility. <b>2018</b> , 38, 962-969	9
636	A low-molecular-weight galactofucan from the seaweed, Spatoglossum schr\deltaderi, binds fibronectin and inhibits capillary-like tube formation in vitro. <b>2018</b> , 111, 1067-1075	5
635	NF-B pathways in the development and progression of colorectal cancer. 2018, 197, 43-56	89
634	Current approaches for modulation of the nanoscale interface in the regulation of cell behavior. <b>2018</b> , 14, 2455-2464	19

633	Biofunctionalization of porcine-derived collagen matrix using enamel matrix derivative and platelet-rich fibrin: influence on mature endothelial cell characteristics in vitro. <b>2018</b> , 22, 909-917	9
632	Adhesion, unfolding forces, and molecular elasticity of fibronectin coatings: An atomic force microscopy study. <b>2018</b> , 81, 38-45	5
631	Acellular dermal matrix scaffolds coated with connective tissue growth factor accelerate diabetic wound healing by increasing fibronectin through PKC signalling pathway. <b>2018</b> , 12, e1461-e1473	14
630	Force-activatable biosensor enables single platelet force mapping directly by fluorescence imaging. <b>2018</b> , 100, 192-200	41
629	Probing fibronectin conformation on a protein corona layer around nanoparticles. 2018, 10, 1228-1233	40
628	Microenvironments to study migration and somal translocation in cortical neurons. <b>2018</b> , 156, 238-247	4
627	Mono vs multilayer fibronectin coatings on polar/hydrophobic/ionic polyurethanes: Altering surface interactions with human monocytes. <b>2018</b> , 66, 129-140	8
626	Role of the extracellular matrix in cancer-associated epithelial to mesenchymal transition phenomenon. <b>2018</b> , 247, 368-381	40
625	Myocardial Cell Signaling During the Transition to Heart Failure: Cellular Signaling and Therapeutic Approaches. <b>2018</b> , 9, 75-125	6
624	PRP Injections in Orthopaedic Surgery: Why, When and How to Use PRP Dynamic Liquid Scaffold Injections in Orthopaedic Surgery. <b>2018</b> ,	2
623	Quantifying Cell-Fibronectin Adhesion Forces by AFM Single-Cell Force Spectroscopy. 2018,	
622	Elastase Digestion of Fibronectin Releases an Epiviosamine Peptide with Fibroblast Growth and Survival Activity. <b>2018</b> , 138, 2480-2483	4
621	Overexpression of FNDC1 in Gastric Cancer and its Prognostic Significance. <b>2018</b> , 9, 4586-4595	18
620	The Structure in Solution of Fibronectin Type III Domain 14 Reveals Its Synergistic Heparin Binding Site. <b>2018</b> , 57, 6045-6049	1
619	Identification of genes and pathways in esophageal adenocarcinoma using bioinformatics analysis. <b>2018</b> , 9, 305-312	8
618	Fibronectin Produced by Cerebral Endothelial and Vascular Smooth Muscle Cells Contributes to Perivascular Extracellular Matrix in Late-Delayed Radiation-Induced Brain Injury. <b>2018</b> , 190, 361-373	10
617	Endothelial FN (Fibronectin) Deposition by 📶 Integrins Drives Atherogenic Inflammation. <b>2018</b> , 38, 2601-2614	34
616	Multifunctional Protein-Immobilized Plasma Polymer Films for Orthopedic Applications. <b>2018</b> , 4, 4084-4094	17

615	Proteomic Analysis of Human Dermal Fibroblast Conditioned Medium (DFCM). <b>2018</b> , 37, 589-607	10
614	Mechanical stretch implications for vascular endothelial cells: Altered extracellular matrix synthesis and remodeling in pathological conditions. <b>2018</b> , 213, 214-225	20
613	Bone physiology as inspiration for tissue regenerative therapies. <b>2018</b> , 185, 240-275	145
612	Synthetic <b>5</b> 1 integrin ligand PHSRN is proangiogenic and neuroprotective in cerebral ischemic stroke. <b>2018</b> , 185, 142-154	12
611	Chlorination and oxidation of human plasma fibronectin by myeloperoxidase-derived oxidants, and its consequences for smooth muscle cell function. <b>2018</b> , 19, 388-400	28
610	Activin A induces leiomyoma cell proliferation, extracellular matrix (ECM) accumulation and myofibroblastic transformation of myometrial cells via p38 MAPK. <b>2018</b> , 504, 447-453	11
609	Investigation of Pulse electric field effect on HeLa cells alignment properties on extracellular matrix protein patterned surface. <b>2018</b> , 1019, 012018	1
608	Integrin 40 switches its ligand specificity via distinct conformer-specific activation. 2018, 217, 2799-2812	19
607	Erybraedin A is a potential Src inhibitor that blocks the adhesion and viability of non-small-cell lung cancer cells. <b>2018</b> , 502, 145-151	2
606	In vitro cell response on CP-Ti surfaces functionalized with TGF-II inhibitory peptides. 2018, 29, 73	8
605	Assessment of extracellular matrix modulation of cell traction force by using silicon nanowire array. <b>2018</b> , 50, 504-512	7
604	The Extracellular Matrix, Growth Factors and Morphogens in Biomaterial Design and Tissue Engineering. <b>2018</b> , 3-26	2
603	Fibronectin modified TiO nanotubes modulate endothelial cell behavior. 2018, 33, 44-51	8
602	Bacterial Inhibition and Osteoblast Adhesion on Ti Alloy Surfaces Modified by Poly(PEGMA-r-Phosmer) Coating. <b>2018</b> , 10, 23674-23681	11
601	Microtiter assays for quantitation of assembly of plasma and cellular fibronectin. 2018, 143, 157-170	1
600	Conductive Polymers: Opportunities and Challenges in Biomedical Applications. <b>2018</b> , 118, 6766-6843	320
599	Biomimetic tumor microenvironments based on collagen matrices. <b>2018</b> , 6, 2009-2024	46
598	Biomimetic Implant Surface Functionalization with Liquid L-PRF Products: In Vitro Study. <b>2018</b> , 2018, 9031435	14

597	Fibronectin amyloid-like aggregation alters its extracellular matrix incorporation and promotes a single and sparsed cell migration. <b>2018</b> , 371, 104-121	6
596	EPO topique pour le traitement des plaies du pied diabEique. <b>2018</b> , 2, 56-60	
595	From scaffold to structure: the synthetic production of cell derived extracellular matrix for liver tissue engineering. <b>2018</b> , 4, 065015	16
594	Roles of fibronectin isoforms in neonatal vascular development and matrix integrity. <b>2018</b> , 16, e2004812	15
593	Constitutional absence of epithelial integrin #3 impacts the composition of the cellular microenvironment of ILNEB keratinocytes. <b>2018</b> , 74, 62-76	8
592	Fibronectin aggregates promote features of a classically and alternatively activated phenotype in macrophages. <b>2018</b> , 15, 218	18
591	Multifaced Roles of the ₩B Integrin in Ehlers-Danlos and Arterial Tortuosity Syndromes' Dermal Fibroblasts. <b>2018</b> , 19,	14
590	ALK Fusion Partners Impact Response to ALK Inhibition: Differential Effects on Sensitivity, Cellular Phenotypes, and Biochemical Properties. <b>2018</b> , 16, 1724-1736	48
589	Chitin synthesis inhibitors promote liver cancer cell metastasis via interfering with hypoxia-inducible factor 1⊞ <b>2018</b> , 206, 231-237	16
588	A unique hybrid-structured surface produced by rapid electrochemical anodization enhances bio-corrosion resistance and bone cell responses of Etype Ti-24Nb-4Zr-8Sn alloy. <b>2018</b> , 8, 6623	10
587	Injectable Platelet-, Leukocyte-, and Fibrin-Rich Plasma (iL-PRF) in the Management of Androgenetic Alopecia. <b>2018</b> , 44, 1183-1190	16
586	Unveiling the Mechanism of Surface Hydrophilicity-Modulated Macrophage Polarization. <b>2018</b> , 7, e1800675	62
585	Antibacterial surface modification of titanium implants in orthopaedics. <b>2018</b> , 9, 2041731418789838	73
584	Ginsenoside-Rp3 inhibits platelet activation and thrombus formation by regulating MAPK and cyclic nucleotide signaling. <b>2018</b> , 109, 45-55	23
583	Metformin and JQ1 synergistically inhibit obesity-activated thyroid cancer. <b>2018</b> , 25, 865-877	16
582	Gintonin modulates platelet function and inhibits thrombus formation via impaired glycoprotein VI signaling. <b>2019</b> , 30, 589-598	13
581	Resveratrol inhibits Erk1/2-mediated adhesion of cancer cells via activating PP2A-PTEN signaling network. <b>2019</b> , 234, 2822-2836	6
580	Basement membrane extract attenuates the more malignant gene expression profile accentuated by fibronectin in prostate cancer cells. <b>2019</b> , 451, 131-138	1

579	Tanshinone IIA Activates Nuclear Factor-Erythroid 2-Related Factor 2 to Restrain Pulmonary Fibrosis via Regulation of Redox Homeostasis and Glutaminolysis. <b>2019</b> , 30, 1831-1848	21
578	Biologic Scaffolds Composed of Extracellular Matrix for Regenerative Medicine. <b>2019</b> , 613-626	8
577	Type II Epithelial-Mesenchymal Transition Upregulates Protein N-Glycosylation To Maintain Proteostasis and Extracellular Matrix Production. <b>2019</b> , 18, 3447-3460	11
576	Radical-functionalized plasma polymers: Stable biomimetic interfaces for bone implant applications. <b>2019</b> , 16, 456-473	23
575	Unravelling Doped Biphasic Calcium Phosphate: Synthesis to Application <b>2019</b> , 2, 5263-5297	15
574	Three-dimensional imaging of the extracellular matrix and cell interactions in the developing prenatal mouse cornea. <b>2019</b> , 9, 11277	3
573	Role of FN1 and GREB1 gene polymorphisms in endometriosis. <b>2019</b> , 20, 111-116	5
572	Synthetic scaffolds for musculoskeletal tissue engineering: cellular responses to fiber parameters. <b>2019</b> , 4, 15	75
571	Regulatory effect of miR-144-3p on the function of human trabecular meshwork cells and fibronectin-1. <b>2019</b> , 18, 647-653	7
570	Heparan sulfate proteoglycan, integrin, and syndecan-4 are mechanosensors mediating cyclic strain-modulated endothelial gene expression in mouse embryonic stem cell-derived endothelial cells. <b>2019</b> , 116, 2730-2741	4
569	Adhesion and Proliferation of Osteoblastic Cells on Hydroxyapatite-dispersed Ti-based Composite Plate. <b>2019</b> , 33, 1067-1079	3
568	The non-steroidal mineralocorticoid receptor antagonist finerenone prevents cardiac fibrotic remodeling. <b>2019</b> , 168, 173-183	16
567	The Bone Extracellular Matrix as an Ideal Milieu for Cancer Cell Metastases. 2019, 11,	38
566	Distinct Binding Interactions of ⊞ntegrin and Proteoglycans with Fibronectin. <b>2019</b> , 117, 688-695	8
565	Molecular characterization and functional analysis of the Schistosoma mekongi Ca-dependent cysteine protease (calpain). <b>2019</b> , 12, 383	5
564	Porcine hepatocytes culture on biofunctionalized 3D inverted colloidal crystal scaffolds as an model for predicting drug hepatotoxicity <b>2019</b> , 9, 17995-18007	6
563	Sodium-chloride-induced effects on the expression profile of human periodontal ligament fibroblasts with focus on simulated orthodontic tooth movement. <b>2019</b> , 127, 386-395	8
562	Characterization of stitch adhesions: Fibronectin-containing cell-cell contacts formed by fibroblasts. <b>2019</b> , 384, 111616	6

561	Protein Glycation: An Old Villain is Shedding Secrets. <b>2019</b> , 22, 362-369	3
560	Highly Biocompatible Functionalized Layer-by-Layer Ginger Lipid Nano Vectors Targeting P-selectin for Delivery of Doxorubicin to Treat Colon Cancer. <b>2019</b> , 2, 1900129	8
559	Studying Ras Nanocluster Formation on the Cell Membrane with Correlative Superresolution and Electron Microscopies. <b>2019</b> , 25, 1220-1221	
558	Protective immune responses of recombinant outer membrane proteins OmpF and OmpK of Aeromonas hydrophila in European eel (Anguilla anguilla). <b>2019</b> , 50, 3559-3566	2
557	Interaction of Pregnancy-Specific Glycoprotein 1 With Integrin BI Is a Modulator of Extravillous Trophoblast Functions. <b>2019</b> , 8,	13
556	The role of extracellular matrix in mouse and human corneal neovascularization. <b>2019</b> , 9, 14272	10
555	Crystal structure of the N-terminal domain of the fibronectin-binding protein PavA from Streptococcus pneumoniae. <b>2019</b> , 75, 657-662	2
554	Extracellular Matrix-Associated Factors Play Critical Roles in Regulating Pancreatic Ecell Proliferation and Survival. <b>2019</b> , 160, 1885-1894	29
553	SILAC-Based Quantification of TGFBR2-Regulated Protein Expression in Extracellular Vesicles of Microsatellite Unstable Colorectal Cancers. <b>2019</b> , 20,	8
552	Fibronectin Coating on Implant Material Surface Attracted Both Osteoblasts and Bacteria. <b>2019</b> , 48, 764-767	O
551	Phosphorylation of Fibronectin Influences the Structural Stability of the Predicted Interchain Domain. <b>2019</b> , 59, 4383-4392	3
550	Bone marrow niche crosses paths with BMPs: a road to protection and persistence in CML. <b>2019</b> , 47, 1307-132	<b>25</b> 5
549	Five Piconewtons: The Difference between Osteogenic and Adipogenic Fate Choice in Human Mesenchymal Stem Cells. <b>2019</b> , 13, 11129-11143	22
548	Engineering the migration and attachment behaviour of primary dermal fibroblasts. <b>2019</b> , 116, 1102-1115	3
547	Naegleria fowleri: diagnosis, treatment options and pathogenesis. <b>2019</b> , 7, 67-80	7
546	Modulatory effects of fibronectin on calcium oxalate crystallization, growth, aggregation, adhesion on renal tubular cells, and invasion through extracellular matrix. <b>2019</b> , 24, 235-246	14
545	Circulating Hypoxia Responsive microRNAs (HRMs) and Wound Healing Potentials of Green Tea in Diabetic and Nondiabetic Rat Models. <b>2019</b> , 2019, 9019253	5
544	Fibronectin 1 promotes melanoma proliferation and metastasis by inhibiting apoptosis and regulating EMT. <b>2019</b> , 12, 3207-3221	39

543	Secretion of fibronectin by human pancreatic stellate cells promotes chemoresistance to gemcitabine in pancreatic cancer cells. <b>2019</b> , 19, 596	39
542	Comparative Genomic Analysis of Reveals Potential Mechanisms of Adaptive Evolution. <b>2019</b> , 2019, 2948973	3
541	Host intestinal biomarker identification in a gut leakage model in broilers. <b>2019</b> , 50, 46	14
540	Raising fluid walls around living cells. <b>2019</b> , 5, eaav8002	14
539	Insights into the Osteogenic Differentiation of Mesenchymal Stem Cells on Crystalline and Vitreous Silica. <b>2019</b> , 5, 3352-3360	2
538	Association of low expression of E-cadherin and Eatenin with the progression of early stage human squamous cervical cancer. <b>2019</b> , 17, 5729-5739	11
537	MYC retards cancer cell migration through suppressing fibronectin expression. <b>2019</b> , 64, 715-717	1
536	Extracellular Matrix in Kidney Fibrosis: More Than Just a Scaffold. <b>2019</b> , 67, 643-661	88
535	Switching of Cell Proliferation/Differentiation in Thiol-Maleimide Clickable Microcapsules Triggered by in Situ Conjugation of Biomimetic Peptides. <b>2019</b> , 20, 2350-2359	10
534	microRNA-messenger RNA regulatory network of esophageal squamous cell carcinoma and the identification of miR-1 as a biomarker of patient survival. <b>2019</b> , 120, 12259-12272	10
533	Extracellular Matrix Interactions with Gram-Positive Pathogens. 2019, 7,	12
532	Impaired Contracture of 3D Collagen Constructs by Fibronectin-Deficient Murine Fibroblasts. <b>2019</b> , 10, 166	10
531	Biomaterials to Mimic and Heal Connective Tissues. <b>2019</b> , 31, e1806695	79
530	Identification of survival-associated key genes and long non-coding RNAs in glioblastoma multiforme by weighted gene co-expression network analysis. <b>2019</b> , 43, 1709-1722	7
529	Fructose-1,6-bisphosphate aldolase is involved in Mycoplasma bovis colonization as a fibronectin-binding adhesin. <b>2019</b> , 124, 70-78	10
528	Stromal fibronectin expression in patients with resected pancreatic ductal adenocarcinoma. <b>2019</b> , 17, 29	21
527	Increased Extracellular Matrix Protein Production in Chronic Diabetic Complications: Implications of Non-Coding RNAs. <b>2019</b> , 5,	10
526	Preparation of Cell-Paved and -Incorporated Polysaccharide Hollow Fibers Using a Microfluidic Device. <b>2019</b> , 5, 5688-5697	5

525	Oxidation of human plasma fibronectin by inflammatory oxidants perturbs endothelial cell function. <b>2019</b> , 136, 118-134	16
524	Cancer-Associated Fibroblasts Build and Secure the Tumor Microenvironment. <b>2019</b> , 7, 60	184
523	Establishment of 3-dimensional scaffolds from hemochorial placentas. <b>2019</b> , 81, 32-41	3
522	Coating of cobalt chrome substrates with thin films of polar/hydrophobic/ionic polyurethanes: Characterization and interaction with human immunoglobulin G and fibronectin. <b>2019</b> , 179, 114-120	3
521	TEMPO oxidized nano-cellulose containing thermo-responsive injectable hydrogel for post-surgical peritoneal tissue adhesion prevention. <b>2019</b> , 102, 12-21	27
520	Interim Results of the Remede d'Or Study: A Multicenter, Single-Blind, Randomized, Controlled Trial to Assess the Safety and Efficacy of an Innovative Topical Formulation of Erythropoietin for Treating Diabetic Foot Ulcers. <b>2019</b> , 8, 514-521	4
519	Effects of cisplatin on photosensitizer-mediated photodynamic therapy in breast tumor-bearing nude mice. <b>2019</b> , 62, 112-119	2
518	Potential biomarkers for antidiastole of tuberculous and malignant pleural effusion by proteome analysis. <b>2019</b> , 13, 123-133	4
517	Influence of Topological Cues on Fibronectin Adsorption and Contact Guidance of Fibroblasts on Microgrooved Titanium <b>2019</b> , 2, 1066-1077	5
516	Relationship between Plasma Proteins and Boar Semen Freezability. 2019,	
515	Extracellular Matrix Interactions with Gram-Positive Pathogens. <b>2019</b> , 108-124	2
5 <del>1</del> 4	Minor Chemistry Changes Alter Surface Hydration to Control Fibronectin Adsorption and Assembly into Nanofibrils. <b>2019</b> , 2, 1900169	3
513	Preparation of Engineered Extracellular Vesicles Derived from Human Umbilical Cord Mesenchymal Stem Cells with Ultrasonication for Skin Rejuvenation. <b>2019</b> , 4, 22638-22645	20
512	Galectin-1 and Galectin-3 and Their Potential Binding Partners in the Dermal Thickening of Keloid Tissues. <b>2019</b> , 41, 193-204	8
511	Role of Fibronectin in Primary Open Angle Glaucoma. <b>2019</b> , 8,	30
510	Fibronectin and Its Role in Human Infective Diseases. <b>2019</b> , 8,	15
509	Novel molecular therapeutic targets in cardiac fibrosis: a brief overview. <b>2019</b> , 97, 246-256	5
508	The Molecular Dance of Fibronectin: Conformational Flexibility Leads to Functional Versatility. <b>2019</b> , 20, 55-72	22

507	A scaffold for signaling of Tim-4-mediated efferocytosis is formed by fibronectin. <b>2019</b> , 26, 1646-1655	17
506	Roles of blood-brain barrier integrins and extracellular matrix in stroke. <b>2019</b> , 316, C252-C263	35
505	RGD Mutation of the Heparin Binding II Fragment of Fibronectin for Guiding Mesenchymal Stem Cell Behavior on Titanium Surfaces. <b>2019</b> , 11, 3666-3678	11
504	Comparative studies on thin polycaprolactone-tricalcium phosphate composite scaffolds and its interaction with mesenchymal stem cells. <b>2019</b> , 23, 1	39
503	Functionalization of PLLA with Polymer Brushes to Trigger the Assembly of Fibronectin into Nanonetworks. <b>2019</b> , 8, e1801469	7
502	Novel fibronectin mutations and expansion of the phenotype in spondylometaphyseal dysplasia with "corner fractures". <b>2019</b> , 121, 163-171	7
501	A Review of Integrin-Mediated Endothelial Cell Phenotype in the Design of Cardiovascular Devices. <b>2019</b> , 47, 366-380	22
500	Cancer-associated fibroblasts in tumor microenvironment - Accomplices in tumor malignancy. <b>2019</b> , 343, 103729	126
499	Focal TLR4 activation mediates disturbed flow-induced endothelial inflammation. 2020, 116, 226-236	24
498	Anti-platelet role of Korean ginseng and ginsenosides in cardiovascular diseases. <b>2020</b> , 44, 24-32	29
497	Mathematical modeling reveals how the density of initial tumor and its distance to parent vessels alter the growth trend of vascular tumors. <b>2020</b> , 27, e12584	5
496	Extracellular matrix-derived biomaterials in engineering cell function. <b>2020</b> , 42, 107421	60
495	Comprehensive Proteomic Profiling of Pressure Ulcers in Patients with Spinal Cord Injury Identifies a Specific Protein Pattern of Pathology. <b>2020</b> , 9, 277-294	3
494	Versatile bioactive and antibacterial coating system based on silica, gentamicin, and chitosan: Improving early stage performance of titanium implants. <b>2020</b> , 381, 125138	42
493	Secreted noncollagenous proteins of bone. <b>2020</b> , 359-378	2
492	Extra domain A-containing fibronectin expression in Spin90-deficient fibroblasts mediates cancer-stroma interaction and promotes breast cancer progression. <b>2020</b> , 235, 4494-4507	6
491	Novel targets identified by integrated cancer-stromal interactome analysis of pancreatic adenocarcinoma. <b>2020</b> , 469, 217-227	8
490	Engineered Fibronectin Peptide Resists Elastase Digestion, Speeds Healing, and Attenuates Scarring in Porcine Burns. <b>2020</b> , 140, 1480-1483	1

### (2020-2020)

489	Engineering and Functionalization of Gelatin Biomaterials: From Cell Culture to Medical Applications. <b>2020</b> , 26, 164-180	134
488	A glance on the role of fibronectin in controlling cell response at biomaterial interface. <b>2020</b> , 56, 50-55	36
487	Plasma proteome profiling of freshwater and seawater life stages of rainbow trout (Oncorhynchus mykiss). <b>2020</b> , 15, e0227003	7
486	Proteins, peptides and peptidomimetics as active agents in implant surface functionalization. <b>2020</b> , 276, 102083	19
485	A PTAL-miR-101-FN1 Axis Promotes EMT and Invasion-Metastasis in Serous Ovarian Cancer. <b>2020</b> , 16, 53-62	14
484	Macrophage migration inhibitory factor and its binding partner HTRA1 are expressed by olfactory ensheathing cells. <b>2020</b> , 102, 103450	6
483	Subcutaneous islet transplantation using tissue-engineered sheets. <b>2020</b> , 487-495	
482	Interaction with the host: the role of fibronectin and extracellular matrix proteins in the adhesion of Gram-negative bacteria. <b>2020</b> , 209, 277-299	28
481	Placental fibronectin staining is unaffected in pregnancies complicated by late-onset intrauterine growth restriction and small for gestational age fetuses. <b>2020</b> , 148, 253-260	2
480	Fibronectin in Cancer: Friend or Foe. <b>2019</b> , 9,	48
479	ER-resident oxidoreductases are glycosylated and trafficked to the cell surface to promote matrix degradation by tumour cells. <b>2020</b> , 22, 1371-1381	8
478	Probing fibronectin adsorption on chemically defined surfaces by means of single molecule force microscopy. <b>2020</b> , 10, 15662	2
477	GRN, NOTCH3, FN1, and PINK1 expression in eutopic endometrium 'fotential biomarkers in the detection of endometriosis' a pilot study. <b>2020</b> , 37, 2723-2732	0
476	Quantitative Proteomics Reveals the Beneficial Effects of Low Glucose on Neuronal Cell Survival in an Ischemic Penumbral Model. <b>2020</b> , 14, 272	3
475	Noninvasive assessment and therapeutic monitoring of drug-resistant colorectal cancer by MR molecular imaging of extradomain-B fibronectin. <b>2020</b> , 10, 11127-11143	6
474	Engineered Full-Length Fibronectin-Hyaluronic Acid Hydrogels for Stem Cell Engineering. <b>2020</b> , 9, e2000989	13
473	Pregnancy-associated Inflammatory Myofibroblastic Tumors of the Uterus Are Clinically Distinct and Highly Enriched for TIMP3-ALK and THBS1-ALK Fusions. <b>2020</b> , 44, 970-981	12
472	Composition, structure and function of the corneal stroma. <b>2020</b> , 198, 108137	31

471	The Extracellular Matrix and CellBiomaterial Interactions. 2020, 701-715	1
47°	Extreme Diversity of the Human Vascular Mesenchymal Cell Landscape. <b>2020</b> , 9, e017094	9
469	Mechanism of Transplanted Islet Engraftment in Visceral White Adipose Tissue. <b>2020</b> , 104, 2516-2527	1
468	Label-Free Mass Spectrometry-Based Quantitative Proteomics Analysis of Serum Proteins During Early Pregnancy in Jennies (). <b>2020</b> , 7, 569587	2
467	The Body's Cellular and Molecular Response to Protein-Coated Medical Device Implants: A Review Focused on Fibronectin and BMP Proteins. <b>2020</b> , 21,	1
466	Emerging Kinase Therapeutic Targets in Pancreatic Ductal Adenocarcinoma and Pancreatic Cancer Desmoplasia. <b>2020</b> , 21,	3
465	Alternative splicing in endothelial cells: novel therapeutic opportunities in cancer angiogenesis. <b>2020</b> , 39, 275	7
464	Overexpression of Extradomain-B Fibronectin is Associated with Invasion of Breast Cancer Cells. <b>2020</b> , 9,	9
463	SSEA-1-positive fibronectin is secreted by cells deviated from the undifferentiated state of human induced pluripotent stem cells. <b>2020</b> , 529, 575-581	3
462	SARS-CoV-2 Codon Usage Bias Downregulates Host Expressed Genes With Similar Codon Usage. <b>2020</b> , 8, 831	17
461	Controlling Fibronectin Fibrillogenesis Using Visible Light. <b>2020</b> , 7, 149	1
460	Involvement of Integrin-Activating Peptides Derived from Tenascin-C in Cancer Aggression and New Anticancer Strategy Using the Fibronectin-Derived Integrin-Inactivating Peptide. <b>2020</b> , 25,	9
459	Titanium dental implants hydrophilicity promotes preferential serum fibronectin over albumin competitive adsorption modulating early cell response. <b>2020</b> , 117, 111307	14
458	Cancer cells display increased migration and deformability in pace with metastatic progression. <b>2020</b> , 34, 9307-9315	12
457	Efficient Isolation and Enrichment of Mesenchymal Stem Cells from Human Embryonic Stem Cells by Utilizing the Interaction between Integrin 51 and Fibronectin. <b>2020</b> , 7, 2001365	5
456	Harnessing biomolecules for bioinspired dental biomaterials. <b>2020</b> , 8, 8713-8747	19
455	Epigenetic Silencing of LMX1A Contributes to Cancer Progression in Lung Cancer Cells. 2020, 21,	2
454	Oxidative cross-linking of fibronectin confers protease resistance and inhibits cellular migration. <b>2020</b> , 13,	6

# (2020-2020)

453	Roles of Farnesyl-Diphosphate Farnesyltransferase 1 in Tumour and Tumour Microenvironments. <b>2020</b> , 9,	10
452	Myeloperoxidase-derived damage to human plasma fibronectin: Modulation by protein binding and thiocyanate ions (SCN). <b>2020</b> , 36, 101641	8
45 <sup>1</sup>	Cyclo(RGDfK) Functionalized Spider Silk Cell Scaffolds: Significantly Improved Performance in Just One Click. <b>2020</b> , 20, e2000255	1
450	Biotechnological Valorization of Marine Collagens. <b>2020</b> , 855-883	3
449	Extracellular Matrix Remodeling Factors as Markers of Carotid Artery Atherosclerosis. <b>2020</b> , 2020, 9036157	1
448	Self-Assembled GO Honeycomb Microarray for Selective Cancer Cell Capture and Single Cell Analysis of Proteolytic Expression. <b>2020</b> , 9, e2001006	O
447	FRET Dyes Significantly Affect SAXS Intensities of Proteins. <b>2020</b> , 60, 725-734	О
446	Fibronectin and colorectal cancer: signaling pathways and clinical implications. <b>2021</b> , 41, 313-320	2
445	Plasma and Cellular Forms of Fibronectin as Prognostic Markers in Sepsis. <b>2020</b> , 2020, 8364247	Ο
444	Load-deformation characteristics of acellular human scalp: assessing tissue grafts from a material testing perspective. <b>2020</b> , 10, 19243	2
443	Transient Receptor Potential Vanilloid 6 (TRPV6) Proteins Control the Extracellular Matrix Structure of the Placental Labyrinth. <b>2020</b> , 21,	3
442	Serotonin 2A (5-HT) receptor affects cell-matrix adhesion and the formation and maintenance of stress fibers in HEK293 cells. <b>2020</b> , 10, 21675	4
441	Syndecan-1 Promotes Streptococcus pneumoniae Corneal Infection by Facilitating the Assembly of Adhesive Fibronectin Fibrils. <b>2020</b> , 11,	4
440	Monitoring of Extracellular Matrix Protein Conformations in the Presence of Biomimetic Bone Tissue Regeneration Scaffolds. <b>2020</b> , 865, 43-47	
439	The Genetic Background of Endometriosis: Can ESR2 and CYP19A1 Genes Be a Potential Risk Factor for Its Development?. <b>2020</b> , 21,	4
438	Engineered 3D hydrogels with full-length fibronectin that sequester and present growth factors. <b>2020</b> , 252, 120104	27
437	Mussel-Inspired Surface Acrylation on Graphene Oxide Using Acrylic Surface Primers and Its Hydrogel-Based Applications: Sustained Drug Release and Tissue Scaffolds. <b>2020</b> , 5, 5842-5849	1
436	Shaping Up the Tumor Microenvironment With Cellular Fibronectin. <b>2020</b> , 10, 641	38

435	A novel role for NUAK1 in promoting ovarian cancer metastasis through regulation of fibronectin production in spheroids. <b>2020</b> , 12,	8
434	Recombinant spider silk protein eADF4(C16)-RGD coatings are suitable for cardiac tissue engineering. <b>2020</b> , 10, 8789	10
433	A comparative study of materials assembled from recombinant K31 and K81 and extracted human hair keratins. <b>2020</b> , 15, 065006	1
432	Electrospinning of natural polymers for the production of nanofibres for wound healing applications. <b>2020</b> , 114, 110994	66
431	Surface biofunctionalization to improve the efficacy of biomaterial substrates to be used in regenerative medicine. <b>2020</b> , 7, 2258-2275	9
430	Role of extra cellular proteins in gastric cancer progression and metastasis: an update. <b>2020</b> , 42, 18	2
429	The extracellular matrix in development. <b>2020</b> , 147,	64
428	The Role of Pref-1 during Adipogenic Differentiation: An Overview of Suggested Mechanisms. <b>2020</b> , 21,	10
427	Development and function of smooth muscle cells is modulated by in mouse testis. <b>2020</b> , 147,	3
426	Modulates Platelet Functions and Inhibits Thrombus Formation by Regulating Integrin Hand cAMP Signaling. <b>2020</b> , 11, 698	6
425	GBP2 enhances glioblastoma invasion through Stat3/fibronectin pathway. <b>2020</b> , 39, 5042-5055	18
424	Molecular mechanisms of coronary disease revealed using quantitative trait loci for TCF21 binding, chromatin accessibility, and chromosomal looping. <b>2020</b> , 21, 135	7
423	Synergies between Surface Microstructuring and Molecular Nanopatterning for Controlling Cell Populations on Polymeric Biointerfaces. <b>2020</b> , 12,	3
422	The ECM path of senescence in aging: components and modifiers. <b>2020</b> , 287, 2636-2646	39
421	Advanced quantitative proteomics to evaluate molecular effects of low-molecular-weight hyaluronic acid in human dermal fibroblasts. <b>2020</b> , 185, 113199	8
420	Induction of ligand promiscuity of ₩B integrin by mechanical force. <i>Journal of Cell Science</i> , <b>2020</b> , 133,	13
419	3D Extracellular Matrix Mimics: Fundamental Concepts and Role of Materials Chemistry to Influence Stem Cell Fate. <b>2020</b> , 21, 1968-1994	122
418	Family-based whole-genome sequencing identifies compound heterozygous protein-coding and noncoding mutations in tetralogy of Fallot. <b>2020</b> , 741, 144555	4

417	Targeted Drug Delivery via the Use of ECM-Mimetic Materials. <b>2020</b> , 8, 69	19
416	Harnessing biomimetic cryptic bonds to form self-reinforcing gels. <b>2020</b> , 16, 5120-5131	3
415	Estimation of a stronger heparin binding locus in fibronectin domain III using thermodynamics and molecular dynamics <b>2020</b> , 10, 20288-20301	4
414	Biological Effects of Korean Red Ginseng Polysaccharides in Aged Rat Using Global Proteomic Approach. <b>2020</b> , 25,	7
413	Fundamentals and Current Strategies for Peripheral Nerve Repair and Regeneration. 2020, 1249, 173-201	6
412	Activin A induces tumorigenesis of leiomyoma via regulation of p38IMAPK-mediated signal cascade. <b>2020</b> , 529, 379-385	4
411	A Extract Exhibits Regenerating Activity During the Wound Healing Process. <b>2020</b> , 13, 21-30	5
410	Interaction of endothelial cells with plasma-polymer modified surfaces. <b>2020</b> , 9, 100613	
409	Shotgun proteomics analysis reveals sub-lethal effects in Daphnia magna exposed to cell-bound microcystins produced by Microcystis aeruginosa. <b>2020</b> , 33, 100656	9
408	Feeling Things Out: Bidirectional Signaling of the Cell-ECM Interface, Implications in the Mechanobiology of Cell Spreading, Migration, Proliferation, and Differentiation. <b>2020</b> , 9, e1901445	35
407	Investigation of potential anti-pneumococcal effects of l-sulforaphane and metabolites: Insights from synchrotron-FTIR microspectroscopy and molecular docking studies. <b>2020</b> , 97, 107568	2
406	ECM Mimetic Electrospun Porous Poly (L-lactic acid) (PLLA) Scaffolds as Potential Substrates for Cardiac Tissue Engineering. <b>2020</b> , 12,	26
405	Muscle lineage switching by migratory behaviour-driven epigenetic modifications of human mesenchymal stem cells on a dendrimer-immobilized surface. <b>2020</b> , 106, 170-180	4
404	Angiogenic Networks in Tumors-Insights via Mathematical Modeling. <b>2020</b> , 8, 43215-43228	5
403	The Extracellular Matrix: An Accomplice in Gastric Cancer Development and Progression. 2020, 9,	29
402	Low molecular weight fucoidan alleviates diabetic nephropathy by binding fibronectin and inhibiting ECM-receptor interaction in human renal mesangial cells. <b>2020</b> , 150, 304-314	21
401	Remodeling of the interstitial extracellular matrix in white matter multiple sclerosis lesions: Implications for remyelination (failure). <b>2020</b> , 98, 1370-1397	16
400	Knockdown of Clock gene induces thrombotic potential reduction by inhibiting #-antitrypsin with promotion of fibronectin. <b>2020</b> , 1-10	

399	Temperature-Responsive Multifunctional Protein Hydrogels with Elastin-like Polypeptides for 3-D Angiogenesis. <b>2020</b> , 21, 1126-1135	14
398	HSP90 Interacts with the Fibronectin N-terminal Domains and Increases Matrix Formation. <b>2020</b> , 9,	7
397	Protein Deimination and Extracellular Vesicle Profiles in Antarctic Seabirds. 2020, 9,	15
396	Cellular receptors for enterovirus A71. <b>2020</b> , 27, 23	31
395	Fibronectin Bound to a Fibrous Substrate Has Chondrogenic Induction Properties. <b>2020</b> , 21, 1368-1378	8
394	The Rho GTPase RAC1 in Osteoblasts Controls Their Function. <b>2020</b> , 21,	6
393	Virulence Traits of Inpatient Isolates, and a Transcriptomic Approach to Identify Potential Genes Maintaining Intracellular Survival. <b>2020</b> , 8,	3
392	Matrix molecules and their ligands. <b>2020</b> , 119-132	
391	Human plasma protein adsorption to elastinlike polypeptide nanoparticles. 2020, 15, 021007	4
390	Taking Control: Binding to Fibronectin Sets the Stage for Cellular Adherence and Invasion. <b>2020</b> , 11, 564	9
389	Platelet Rich Fibrin (PRF) and Its Related Products: Biomolecular Characterization of the Liquid Fibrinogen. <b>2020</b> , 9,	7
388	Thiol-Poly(Sodium Styrene Sulfonate) (PolyNaSS-SH) Gold Complexes: From a Chemical Design to a One-Step Synthesis of Hybrid Gold Nanoparticles and Their Interaction with Human Proteins. <b>2020</b> , 5, 8137-8145	2
387	Identification of surface proteins in a clinical Staphylococcus haemolyticus isolate by bacterial surface shaving. <b>2020</b> , 20, 80	5
386	Pathological matrix stiffness promotes cardiac fibroblast differentiation through the POU2F1 signaling pathway. <b>2021</b> , 64, 242-254	5
385	Fibronectin in development and wound healing. 2021, 170, 353-368	34
384	Characterization and intracellular mechanism of electrospun poly (Eaprolactone) (PCL) fibers incorporated with bone-dECM powder as a potential membrane for guided bone regeneration. <b>2021</b> , 94, 282-291	5
383	Fibronectin-functionalization of 3D collagen networks supports immune tolerance and inflammation suppression in human monocyte-derived macrophages. <b>2021</b> , 268, 120498	7
382	The Integrin Interactome. <b>2021</b> ,	

381	Multifunctional Biodegradable Microrobot with Programmable Morphology for Biomedical Applications. <b>2021</b> , 15, 1059-1076	16
380	Comparison of tear proteomic and neuromediator profiles changes between small incision lenticule extraction (SMILE) and femtosecond laser-assisted in-situ keratomileusis (LASIK). <b>2021</b> , 29, 67-81	6
379	Fibroblast contributions to ischemic cardiac remodeling. <b>2021</b> , 77, 109824	9
378	Retinal capillary basement membrane thickening: Role in the pathogenesis of diabetic retinopathy. <b>2021</b> , 82, 100903	18
377	Biosurgical Hemostasis in Thoracic and Cardiac Surgery: A Practical Approach.	
376	Plump endothelial cells integrated into pre-existing venules contribute to the formation of 'mother' and 'daughter' vessels in pyogenic granuloma: possible role of galectin-1, -3 and -8. <b>2021</b> , 7, 2059513120986687	1
375	The role of microRNAs in epithelial to mesenchymal transition and cancers; focusing on mir-200 family. <b>2021</b> , 28, 100385	2
374	Immunological Insights in Equine Recurrent Uveitis. <b>2020</b> , 11, 609855	6
373	Stromal Protein-Mediated Immune Regulation in Digestive Cancers. 2021, 13,	5
372	Antibacterial Biomaterials in Orthopedics. 2021, 46-46	1
371	Non pharmacological high-intensity ultrasound treatment of human dermal fibroblasts to accelerate wound healing. <b>2021</b> , 11, 2465	1
37 <sup>1</sup>		2
	accelerate wound healing. <b>2021</b> , 11, 2465  Assessment of differential intraocular pressure response to dexamethasone treatment in perfusion	
370	Assessment of differential intraocular pressure response to dexamethasone treatment in perfusion cultured Indian cadaveric eyes. <b>2021</b> , 11, 605	2
37° 369	Assessment of differential intraocular pressure response to dexamethasone treatment in perfusion cultured Indian cadaveric eyes. 2021, 11, 605  Electric Field-Mediated Fibronectin-Hydroxyapatite Interaction: A Molecular Insight. 2021, 125, 3-16  A nano approach towards the creation of a biointerface as stimulator of osteogenic differentiation.	4
37° 369 368	Assessment of differential intraocular pressure response to dexamethasone treatment in perfusion cultured Indian cadaveric eyes. 2021, 11, 605  Electric Field-Mediated Fibronectin-Hydroxyapatite Interaction: A Molecular Insight. 2021, 125, 3-16  A nano approach towards the creation of a biointerface as stimulator of osteogenic differentiation. 2021, 120, 111746  Self-assembled fibrinogen-fibronectin hybrid protein nanofibers with medium-sensitive stability	2 4
37° 369 368 367	Assessment of differential intraocular pressure response to dexamethasone treatment in perfusion cultured Indian cadaveric eyes. 2021, 11, 605  Electric Field-Mediated Fibronectin-Hydroxyapatite Interaction: A Molecular Insight. 2021, 125, 3-16  A nano approach towards the creation of a biointerface as stimulator of osteogenic differentiation. 2021, 120, 111746  Self-assembled fibrinogen-fibronectin hybrid protein nanofibers with medium-sensitive stability 2021, 11, 14113-14120  Fibronectin-integrin signaling regulates PLVAP localization at endothelial fenestrae by microtubule	2 4 2 1

363 Overview of Decellularized Materials for Tissue Repair and Organ Replacement. **2021**, 1-67

362	Label-Free Mass Spectrometry-Based Plasma Proteomics Identified LY6D, DSC3, CDSN, SERPINB12,		
)° <b>-</b>	and SLURP1 as Novel Protein Biomarkers For Pulmonary Tuberculosis. <b>2021</b> , 18, 50-61		
361	ChondroGELesis: Hydrogels to harness the chondrogenic potential of stem cells. <b>2021</b> , 121, 111822		4
360	Fibronectin protected bovine preantral follicles from the deleterious effects of kisspeptin. <b>2021</b> , 161, 301-312		
359	Vimentin tunes cell migration on collagen by controlling II integrin activation and clustering. <i>Journal of Cell Science</i> , <b>2021</b> , 134,	5.3	9
358	Structural and Functional Characterization of Fibronectin in Extracellular Vesicles From Hepatocytes. <b>2021</b> , 9, 640667		3
357	Fibronectin as a multiregulatory molecule crucial in tumor matrisome: from structural and functional features to clinical practice in oncology. <b>2021</b> , 40, 102		15
356	Biofunctionalization of Dental Abutment Surfaces by Crosslinked ECM Proteins Strongly Enhances Adhesion and Proliferation of Gingival Fibroblasts. <b>2021</b> , 10, e2100132		3
355	EGF-mediated suppression of cell extrusion during mucosal damage attenuates opportunistic fungal invasion. <b>2021</b> , 34, 108896		3
354	Identification of extracellular matrix proteins secreted by human dermal fibroblasts cultured in 3D electrospun scaffolds. <b>2021</b> , 11, 6655		10
353	Molecular alterations in oral cancer using high-throughput proteomic analysis of formalin-fixed paraffin-embedded tissue. <b>2021</b> , 15, 447-459		О
352	Collagen Assembly at the Cell Surface: Dogmas Revisited. <b>2021</b> , 10,		9
351	Antiplatelet and Antithrombotic Effects of Nakai. 2021, 2021, 7071987		3
350	Extracellular Vesicles: An Emerging Mechanism Governing the Secretion and Biological Roles of Tenascin-C. <b>2021</b> , 12, 671485		4
349	PD-L1 tumor-intrinsic signaling and its therapeutic implication in triple-negative breast cancer. <b>2021</b> , 6,		11
348	Cryptic ligand on collagen matrix unveiled by MMP13 accelerates bone tissue regeneration via MMP13/Integrin B/RUNX2 feedback loop. <b>2021</b> , 125, 219-230		5
347	Biofunctional Peptide FNIII14: Therapeutic Potential. <b>2021</b> , 1, 350-359		
346	Clinical features of acute fibrinous and organizing pneumonia: An early histologic pattern of various acute inflammatory lung diseases. <b>2021</b> , 16, e0249300		4

### (2021-2021)

345	The silencing of FNDC1 inhibits the tumorigenesis of breast cancer cells via modulation of the PI3K/Akt signaling pathway. <b>2021</b> , 23,	2
344	Fibronectin in Fracture Healing: Biological Mechanisms and Regenerative Avenues. <b>2021</b> , 9, 663357	2
343	Prednisone-induced sustained remission in a patient with familial fibronectin glomerulopathy (GFND). <b>2021</b> , 10, 510-514	2
342	Diverse and Productive Source of Biopolymer Inspiration: Marine Collagens. <b>2021</b> , 22, 1815-1834	7
341	Extracellular matrix and its therapeutic potential for cancer treatment. <b>2021</b> , 6, 153	41
340	Association of Nanodiamond Rotation Dynamics with Cell Activities by Translation-Rotation Tracking. <b>2021</b> , 21, 3393-3400	5
339	Targeting the brain lesions using peptides: A review focused on the possibility of targeted drug delivery to multiple sclerosis lesions. <b>2021</b> , 167, 105441	2
338	Elimination of cells deviated from human induced pluripotent stem cells with a photoactivatable IR700-labelled antibody. <b>2021</b> , 554, 13-18	
337	Effect of DNA methylation on gene transcription is associated with the distribution of methylation sites across the genome in osteoarthritis. <b>2021</b> , 22, 719	1
336	The extracellular matrix protein agrin is essential for epicardial epithelial-to-mesenchymal transition during heart development. <b>2021</b> , 148,	4
335	Identification of the EMT-Related Genes Signature for Predicting Occurrence and Progression in Thyroid Cancer. <b>2021</b> , 14, 3119-3131	1
334	JMJD6 Dysfunction Due to Iron Deficiency in Preeclampsia Disrupts Fibronectin Homeostasis Resulting in Diminished Trophoblast Migration. <b>2021</b> , 9, 652607	2
333	Extracellular Matrix by Design: Native Biomaterial Fabrication and Functionalization to Boost Tissue Regeneration. 1	2
332	Novel leukocyte-depleted platelet-rich plasma-based skin equivalent as an in vitro model of chronic wounds: a preliminary study. <b>2021</b> , 22, 28	O
331	Fibronectin degradation as biomarker for infection and treatment monitoring in mice. <b>2021</b> , 148, 1067-1073	1
330	Fibronectin 1: A Potential Biomarker for Ovarian Cancer. <b>2021</b> , 2021, 5561651	1
329	Transcription factor 4 controls positioning of cortical projection neurons through regulation of cell adhesion. <b>2021</b> ,	О
328	Weighted correlation network analysis identifies FN1, COL1A1 and SERPINE1 associated with the progression and prognosis of gastric cancer. <b>2021</b> , 31, 59-75	2

327	Nanoscape, a data-driven 3D real-time interactive virtual cell environment. <b>2021</b> , 10,	4
326	Engineering Calreticulin-Targeting Monobodies to Detect Immunogenic Cell Death in Cancer Chemotherapy. <b>2021</b> , 13,	5
325	Early changes of ECM-related gene expression in fibroblasts cultured on TiO2, ZrO2 and PEEK: The beneficial effects of UVC photofunctionalization. <b>2021</b> , 6, 100023	O
324	Layer-Number-Dependent Effects of Graphene Oxide on the Pluripotency of Mouse Embryonic Stem Cells Through the Regulation of the Interaction Between the Extracellular Matrix and Integrins. <b>2021</b> , 16, 3819-3832	2
323	Blockade of checkpoint ILT3/LILRB4/gp49B binding to fibronectin ameliorates autoimmune disease in BXSB/Yaa mice. <b>2021</b> , 33, 447-458	4
322	Site-Specific N- and O-Glycosylation Analysis of Human Plasma Fibronectin. <b>2021</b> , 9, 691217	1
321	Engineered bridge protein with dual affinity for bone morphogenetic protein-2 and collagen enhances bone regeneration for spinal fusion. <b>2021</b> , 7,	5
320	Interaction between Different Implant Surfaces and Liquid Fibrinogen: A Pilot In Vitro Experiment. <b>2021</b> , 2021, 9996071	
319	Proteomic characterization of serum proteins from Atlantic salmon (Salmo salar L.) from an outbreak with cardiomyopathy syndrome. <b>2021</b> , 44, 1697-1709	
318	Characterization of an Ex Vivo Equine Endometrial Tissue Culture Model Using Next-Generation RNA-Sequencing Technology. <b>2021</b> , 11,	
317	Engineering of Bio-Adhesive Ligand Containing Recombinant RGD and PHSRN Fibronectin Cell-Binding Domains in Fusion with a Colored Multi Affinity Tag: Simple Approach for Fragment Study from Expression to Adsorption. <b>2021</b> , 22,	0
316	Next generation strategies for preventing preterm birth. <b>2021</b> , 174, 190-209	5
315	Design and validation of a modular micro-robotic system for the mechanical characterization of soft tissues. <b>2021</b> , 134, 466-476	0
314	SPP1 and FN1 are significant gene biomarkers of tongue squamous cell carcinoma. <b>2021</b> , 22, 713	О
313	The Amot/integrin protein complex transmits mechanical forces required for vascular expansion. <b>2021</b> , 36, 109616	1
312	Effect of In Vitro Formed Fibrillar Fibronectin on Fibroblast Cellular Migration. 2022, 425-432	
311	The Fibronectin-ILT3 Interaction Functions as a Stromal Checkpoint that Suppresses Myeloid Cells. <b>2021</b> , 9, 1283-1297	4
310	Arginine Supplementation Promotes Extracellular Matrix and Metabolic Changes in Keratoconus. <b>2021</b> , 10,	7

309	Three-Dimensional Aggregated Spheroid Model of Hepatocellular Carcinoma Using a 96-Pillar/Well Plate. <b>2021</b> , 26,	3
308	Elevated Fibronectin Levels in Profibrotic CD14 Monocytes and CD14 Macrophages in Systemic Sclerosis. <b>2021</b> , 12, 642891	2
307	Microgravity Effects on the Matrisome. <b>2021</b> , 10,	1
306	Quantitative analysis of differentially expressed milk fat globule membrane proteins between donkey and bovine colostrum based on high-performance liquid chromatography with tandem mass spectrometry proteomics. <b>2021</b> , 104, 12207-12215	O
305	Lack of IRF6 Disrupts Human Epithelial Homeostasis by Altering Colony Morphology, Migration Pattern, and Differentiation Potential of Keratinocytes. <b>2021</b> , 9, 718066	O
304	Avidin-Conjugated Nanofibrillar Cellulose Hydrogel Functionalized with Biotinylated Fibronectin and Vitronectin Promotes 3D Culture of Fibroblasts. <b>2021</b> , 22, 4122-4137	O
303	In-bone protein digestion followed by LC-MS/MS peptide analysis as a new way towards the routine proteomic characterization of human maxillary and mandibular bone tissue in oral surgery. <b>2021</b> , 42, 2552-2562	О
302	Computational study on Strontium ion modified Fibronectin-Hydroxyapatite interaction.	
301	Advances in Research on Bladder Cancer Targeting Peptides: a Review. <b>2021</b> , 79, 711-718	
300	Therapeutic targets in lung tissue remodelling and fibrosis. <b>2021</b> , 225, 107839	25
300 299	Therapeutic targets in lung tissue remodelling and fibrosis. <b>2021</b> , 225, 107839  Hop and artichoke extracts inhibit expression of extracellular matrix components in uterine leiomyoma cells <b>2021</b> , 2, 407-418	25
Ť	Hop and artichoke extracts inhibit expression of extracellular matrix components in uterine	25 2
299	Hop and artichoke extracts inhibit expression of extracellular matrix components in uterine leiomyoma cells <b>2021</b> , 2, 407-418	
299	Hop and artichoke extracts inhibit expression of extracellular matrix components in uterine leiomyoma cells <b>2021</b> , 2, 407-418  Alternative splicing and liver disease. <b>2021</b> , 100534	2
299 298 297	Hop and artichoke extracts inhibit expression of extracellular matrix components in uterine leiomyoma cells 2021, 2, 407-418  Alternative splicing and liver disease. 2021, 100534  Fibronectin: Molecular Structure, Fibrillar Structure and Mechanochemical Signaling. 2021, 10,	2 5
299 298 297 296	Hop and artichoke extracts inhibit expression of extracellular matrix components in uterine leiomyoma cells 2021, 2, 407-418  Alternative splicing and liver disease. 2021, 100534  Fibronectin: Molecular Structure, Fibrillar Structure and Mechanochemical Signaling. 2021, 10,  Alternative Splicing in Cardiovascular Disease-A Survey of Recent Findings. 2021, 12,  Acquired Esophageal Strictures in Children: Morphometric and Immunohistochemical Analyses.	5
299 298 297 296 295	Hop and artichoke extracts inhibit expression of extracellular matrix components in uterine leiomyoma cells 2021, 2, 407-418  Alternative splicing and liver disease. 2021, 100534  Fibronectin: Molecular Structure, Fibrillar Structure and Mechanochemical Signaling. 2021, 10,  Alternative Splicing in Cardiovascular Disease-A Survey of Recent Findings. 2021, 12,  Acquired Esophageal Strictures in Children: Morphometric and Immunohistochemical Analyses. 2021, 10935266211041086  Silencing of Long Non-coding RNA HOTAIR Suppresses Reverses Epithelial-Mesenchymal Transition	5 3 0

291 Caspase3-deficient cells require fibronectin for protection against autophagy-dependent death.

<b>2</b> 90	Induction of Bone Formation by 3D Biologically Active Scaffolds Containing RGD-NPs, BMP2, and NtMPCs. <b>2021</b> , 4, 2000245	2
289	Mechanical Forces Matter in Health and Disease: From Cancer to Tissue Engineering. 233	2
288	Durch Polymerase-Kettenreaktion erzeugte DNA-Peptid-Netzwerke als klistliche extrazellulie Matrix. <b>2016</b> , 128, 10291-10295	5
287	Scale-Free Evolution. <b>2006</b> , 86-105	2
286	Developmental biology of fibroblasts and neoplastic disease. <b>2005</b> , 40, 55-77	8
285	The Possible Roles of Inhibitors, Promoters, and Macromolecules in the Formation of Calcium Kidney Stones. <b>2010</b> , 31-60	2
284	The Role of Extracellular Matrix in Cardiac Development. <b>2015</b> , 1-35	6
283	Fibronectin and Other Adhesive Glycoproteins. <b>2011</b> , 41-75	24
282	The articular cartilage. <b>2011</b> , 57-66.e2	O
281	Aging-Associated Alterations in Mammary Epithelia and Stroma Revealed by Single-Cell RNA Sequencing. <b>2020</b> , 33, 108566	19
280	Basement Membrane Regulates Fibronectin Organization Using Sliding Focal Adhesions Driven by a Contractile Winch. <b>2020</b> , 52, 631-646.e4	30
279	Optimizing the Performance of Supported Lipid Bilayers as Cell Culture Platforms Based on Extracellular Matrix Functionalization. <b>2017</b> , 2, 2395-2404	17
278	Molecular heterogeneity of gelatin-binding proteins from human seminal plasma. <b>2010</b> , 12, 363-75	11
277	Chapter 13:Glycoproteins and Adhesion Ligands: Properties and Biomedical Applications. <b>2011</b> , 371-398	2
276	Regulation of cellular senescence by extracellular matrix during chronic fibrotic diseases. <b>2020</b> , 134, 2681-2706	25
275	Human seminal fibronectin fragmentation patterns and their domain immunoreactivities in leucocytospermic patients. <b>2014</b> , 26, 1044-51	1
274	SARS-CoV-2 codon usage bias downregulates host expressed genes with similar codon usage.	2

273	Electric field mediated fibronectin-hydroxyapatite interaction: A molecular insight.	1
272	Basement membrane regulates fibronectin organization using sliding focal adhesions driven by a contractile winch.	1
271	Engineered full-length Fibronectin-based hydrogels sequester and present growth factors to promote regenerative responses in vitro and in vivo.	3
270	Extradomain-B Fibronectin is a molecular marker of invasive breast cancer cells.	1
269	Aging-associated alterations in the mammary gland revealed by single-cell RNA sequencing.	5
268	Role for integrin-linked kinase in mediating tubular epithelial to mesenchymal transition and renal interstitial fibrogenesis. <b>2003</b> , 112, 503-16	115
267	Role for integrin-linked kinase in mediating tubular epithelial to mesenchymal transition and renal interstitial fibrogenesis. <b>2003</b> , 112, 503-516	280
266	Hypoxia-inducible factor 2alpha regulates macrophage function in mouse models of acute and tumor inflammation. <b>2010</b> , 120, 2699-714	321
265	The fibrotic tumor stroma. <b>2018</b> , 128, 16-25	116
264	Emerging Roles for MicroRNAs in Diabetic Microvascular Disease: Novel Targets for Therapy. <b>2017</b> , 2017, 1-22	9
263	Alpha-1,2-mannosidase and hence N-glycosylation are required for regulatory T cell migration and allograft tolerance in mice. <b>2010</b> , 5, e8894	20
262	A strategy for full interrogation of prognostic gene expression patterns: exploring the biology of diffuse large B cell lymphoma. <b>2011</b> , 6, e22267	8
261	Osteopontin and fibronectin levels are decreased in vitreous of autoimmune uveitis and retinal expression of both proteins indicates ECM re-modeling. <b>2011</b> , 6, e27674	24
260	Tetraspanins CD81 and CD82 facilitate 41-mediated adhesion of human erythroblasts to vascular cell adhesion molecule-1. 2013, 8, e62654	23
259	A MAM7 peptide-based inhibitor of Staphylococcus aureus adhesion does not interfere with in vitro host cell function. <b>2013</b> , 8, e81216	19
258	Expression profiles of Fsh-regulated ovarian genes during oogenesis in coho salmon. <b>2014</b> , 9, e114176	25
257	Fad104, a positive regulator of adipocyte differentiation, suppresses invasion and metastasis of melanoma cells by inhibition of STAT3 activity. <b>2015</b> , 10, e0117197	16
256	Interaction between fibronectin and 🛭 integrin is essential for tooth development. <b>2015</b> , 10, e0121667	22

255	Syndecan-1-Induced ECM Fiber Alignment Requires Integrin ⊞B and Syndecan-1 Ectodomain and Heparan Sulfate Chains. <b>2016</b> , 11, e0150132	22
254	Hepatitis B Virus Stimulated Fibronectin Facilitates Viral Maintenance and Replication through Two Distinct Mechanisms. <b>2016</b> , 11, e0152721	5
253	Photobiomodulation with Pulsed and Continuous Wave Near-Infrared Laser (810 nm, Al-Ga-As) Augments Dermal Wound Healing in Immunosuppressed Rats. <b>2016</b> , 11, e0166705	47
252	Smad3-dependent CCN2 mediates fibronectin expression in human skin dermal fibroblasts. <b>2017</b> , 12, e0173191	5
251	Effect of Simulated Microgravity Conditions on Differentiation of Adipose Derived Stem Cells towards Fibroblasts Using Connective Tissue Growth Factor. <b>2017</b> , 15, 241-251	8
250	[Expression pattern of invasion-related molecules in brain tumors of different origin]. 2009, 53, 253-8	7
249	Novel risk models for early detection and screening of ovarian cancer. <b>2017</b> , 8, 785-797	10
248	The nuclear-cytoplasmic trafficking of a chromatin-modifying and remodelling protein (KMT2C), in osteosarcoma. <b>2018</b> , 9, 30624-30634	3
247	Gene expression profiling signatures for the diagnosis and prevention of oral cavity carcinogenesis-genome-wide analysis using RNA-seq technology. <b>2015</b> , 6, 24424-35	22
246	Downregulation of ATOH8 induced by EBV-encoded LMP1 contributes to the malignant phenotype of nasopharyngeal carcinoma. <b>2016</b> , 7, 26765-79	15
245	Streptococcal Collagen-like Protein 1 Binds Wound Fibronectin: Implications in Pathogen Targeting. <b>2019</b> , 26, 1933-1945	4
244	The Stroke-Induced Blood-Brain Barrier Disruption: Current Progress of Inspection Technique, Mechanism, and Therapeutic Target. <b>2020</b> , 18, 1187-1212	13
243	miR-200 family expression is downregulated upon neoplastic progression of Barrett's esophagus. <b>2011</b> , 17, 1036-44	28
242	Protein Expression of Cyclin B1, Transferrin Receptor, and Fibronectin Is Correlated with the Prognosis of Adrenal Cortical Carcinoma. <b>2020</b> , 35, 132-141	4
241	Construction of tissue engineering bone with the co-culture system of ADSCs and VECs on partially deproteinized biologic bone: A preliminary study. <b>2021</b> , 23,	2
240	High expression of fibronectin 1 indicates poor prognosis in gastric cancer. <b>2020</b> , 19, 93-102	20
239	Siglec-7 is a predictive biomarker for the efficacy of cancer vaccination against metastatic colorectal cancer. <b>2021</b> , 21, 10	5
238	Protein based devices for oral tissue repair and regeneration. <b>2018</b> , 5, 156-170	7

237	Induction of Integrin Signaling by Steroid Sulfatase in Human Cervical Cancer Cells. 2017, 25, 321-328	10
236	Protein adsorption to surface chemistry and crystal structure modification of titanium surfaces. <b>2010</b> , 1, e3	47
235	Low molecular weight silk fibroin increases alkaline phosphatase and type I collagen expression in MG63 cells. <b>2010</b> , 43, 52-6	41
234	Study on the pathogenesis of liver injury caused by alcohol and drugs. <b>2021</b> , 17, 319-323	1
233	Molecular Features of Hypertrophic Scars after Thermal Injury: Is there a biologic basis for laser therapy?. <b>2021</b> ,	О
232	Impact of Microgravity on the Skin and the Process of Wound Healing. <b>2021</b> , 33, 1	
231	Fluid flow exposure promotes epithelial-to-mesenchymal transition and adhesion of breast cancer cells to endothelial cells. <b>2021</b> , 23, 97	О
230	Comparison of Gene Expression of Inflammation- and Fibrosis-Related Factors Between the Anterior and Posterior Capsule in Patients With Rotator Cuff Tear and Shoulder Stiffness. <b>2021</b> , 9, 232596713	21903254
229	General organization of fibronectins and their role in norm and pathology. <b>2004</b> , 20, 402-409	1
228	Physicochemical modulation of immobilised extracellular matrix. <b>2005</b> , 475-509	
227	Glutaminyl cyclases from animals and plants: a case of functionally convergent protein evolution. <b>2008</b> , 080808064837827-24	
226	Stem Cells and CellMatrix Interactions in Lung. <b>2010</b> , 77-96	
225	Material Physical Property and Force Microenvironmental Factors. <b>2010</b> , 169-205	
224	The Promotion of Cell Attachment and Proliferation on Silk Fibroin. <b>2011</b> , 54, 166-170	2
223	Biomaterials of Natural Origin in Regenerative Medicine. <b>2013</b> , 271-308	1
222	Role of the Extracellular Matrix: Enzyme Activities and Metastasis. <b>2013</b> , 289-307	
221	Use of the uteroglobin platform for the expression of a bivalent antibody against oncofetal fibronectin in Escherichia coli. <b>2013</b> , 8, e82878	
220	Glycoprotein sialylation and NEU1 and ST6GAL1 expressions in erythremia. <b>2014</b> , 60, 14-22	2

219	Protein <b>P</b> olymeric Materials Interaction: Mineralized Tissues Reconstruction. 6808-6830	
218	Stem Cell: Peptide and Protein-Modified Surfaces for Cell Niche. 7565-7576	
217	The Fibrillar Extracellular Matrix of the Trabecular Meshwork?. 2017,	
216	Cysteine proteases of human hookworm Necator Americanus as virulence factors and implications for drug design with anti-heparin and heparin analogs: A bioinformatics study.	
215	Endogenous DAMPs, Category II: Constitutively Expressed, Injury-Modified Molecules (Cat. II DAMPs). <b>2018</b> , 269-305	
214	Chapter 2:Adult Stem Cell Culture on Extracellular Matrices and Natural Biopolymers. <b>2019</b> , 12-85	
213	Pharmacotherapy for Choroidal Neovascularization Due to Uncommon Causes. <b>2018</b> , 24, 4882-4895	2
212	Pathophysiological aspects of blood transfusion for patients with liver cirrhosis. <b>2019</b> , 178, 86-89	
211	Neuron subtype-specific effector gene expression in the Motor Ganglion of Ciona.	1
210	Identification of pathogenic genes and transcription factors in glaucoma. <b>2019</b> , 20, 216-224	8
209	Potential of transfusion therapy in surgical practice in patients with liver cirrhosis (review of the literature). <b>2019</b> , 178, 76-80	2
208	Aptamers recognizing fibronectin confer improved bioactivity to biomaterials and promote new bone formation in a periodontal defect in rats. <b>2020</b> , 16, 015016	O
207	Microarray Analysis for Differentially Expressed Genes Between Stromal and Epithelial Cells in Development and Metastasis of Invasive Breast Cancer. <b>2020</b> , 27, 1631-1643	4
206	Quantitative trait loci mapped for TCF21 binding, chromatin accessibility and chromosomal looping in coronary artery smooth muscle cells reveal molecular mechanisms of coronary disease loci.	O
205	Evaluation of Sertoli cell autophagy associated with laminin, fibronectin, and caspase-3 proteins' alteration, following testicular torsion rat. <b>2021</b> , 54, e14272	
204	Biosensors for circulating tumor cells (CTCs)-biomarker detection in lung and prostate cancer: Trends and prospects. <b>2022</b> , 197, 113770	7
203	Detoxification, Hydrogen Sulphide Metabolism and Wound Healing Are the Main Functions That Differentiate Caecum Protein Expression from Ileum of Week-Old Chicken. <b>2021</b> , 11,	1
202	High-impact mutation decreases chondrogenic potential and affects cartilage deposition via decreased binding to collagen type II. <b>2021</b> , 7, eabg8583	1

201	Carbon dioxide inhibits COVID-19-type proinflammatory responses through extracellular signal-regulated kinases 1 and 2, novel carbon dioxide sensors. <b>2021</b> , 78, 8229-8242	1
200	Wechselwirkungen zwischen Zellen und ihrer Umgebung. <b>2005</b> , 309-352	
199	Construction of fibronectin conditional gene knock-out mice and the effect of fibronectin gene knockout on hematopoietic, biochemical and immune parameters in mice. <b>2020</b> , 8, e10224	2
198	Nanoscape, a data-driven 3D real-time interactive virtual cell environment.	
197	PEA polymer-coated nanotopography delivers solid-state BMP2, enhances mesenchymal stem cell adhesion, prevents bacterial biofilm formation and protects cells from quorum sensing virulence factors.	
196	Quantifying Polarized Extracellular Matrix Secretion in Cultured Endothelial Cells. <b>2021</b> , 2217, 301-311	1
195	Elevated plasma fibronectin levels associated with venous thromboembolism. 2008, 100, 224-8	4
194	Cancer associated fibroblasts: the dark side of the coin. <b>2011</b> , 1, 482-97	257
193	Inhibition of latrunculin-A on dexamethasone-induced fibronectin production in cultured human trabecular meshwork cells. <b>2011</b> , 4, 239-42	
192	Comparison of fibronectin in human marginal gingiva and interdental papilla using immunohistochemistry. <b>2011</b> , 8, S109-13	1
191	Serum fibronectin levels in acute and chronic viral hepatitis patients. <b>2014</b> , 21, 29-36	2
190	ERK5 Mediated Signalling in Diabetic Retinopathy. <b>2015</b> , 4, 17-26	7
189	Biochemical characterization of PE_PGRS61 family protein of HRv reveals the binding ability to fibronectin. <b>2016</b> , 19, 1105-1113	5
188	A novel microRNA-1207-3p/FNDC1/FN1/AR regulatory pathway in prostate cancer. <b>2017</b> , 4,	8
187	Direct Molecular Fishing of New Protein Partners for Human Thromboxane Synthase. <b>2017</b> , 9, 92-100	3
186	[M3 Muscarnic Receptor Antagonist Mediates Cell Proliferation Apoptosis? and Adhesion in Small Cell Lung Cancer]. <b>2016</b> , 19, 113-21	
185	TGF-II induces airway smooth muscle cell proliferation and remodeling in asthmatic mice by up-regulating miR-181a and suppressing PTEN. <b>2019</b> , 12, 173-181	4
184	Natural polymeric biomaterials for tissue engineering. <b>2022</b> , 75-110	

183	Understanding the genetics of intracranial aneurysms: A primer. <b>2021</b> , 212, 107060	1
182	Targeting Tumor-Stromal Interactions in Pancreatic Cancer: Impact of Collagens and Mechanical Traits <b>2021</b> , 9, 787485	3
181	Transforming growth factor [latency: A mechanism of cytokine storage and signalling regulation in liver homeostasis and disease <b>2022</b> , 4, 100397	2
180	3D Cell Culture Systems: Tumor Application, Advantages, and Disadvantages. <b>2021</b> , 22,	13
179	Comparative Genomic Characterization of Buffalo Fibronectin Type III Domain Proteins: Exploring the Novel Role of FNDC5/Irisin as a Ligand of Gonadal Receptors. <b>2021</b> , 10,	1
178	The extracellular matrix of hematopoietic stem cell niches. <b>2021</b> , 181, 114069	2
177	Time-Resolved Extracellular Matrix Atlas of the Developing Human Skin Dermis 2021, 9, 783456	1
176	Materials-driven fibronectin assembly on nanoscale topography enhances mesenchymal stem cell adhesion, protecting cells from bacterial virulence factors and preventing biofilm formation. <b>2021</b> , 280, 121263	2
175	Local Delivery and Glioblastoma: Why Not Combining Sustained Release and Targeting?. <b>2021</b> , 3, 791596	2
174	Identification of genes associated with susceptibility to persistent breeding-induced endometritis by RNA-sequencing of uterine cytobrush samples. <b>2021</b> , 22, 100577	
173	The Functional Role of Extracellular Matrix Proteins in Cancer 2022, 14,	5
172	Fibronectin modified alginate coating enhances cell targeting and homing to bone marrow in BALB/c mice <b>2022</b> , 1-21	
171	Cell crawling on a compliant substrate: A biphasic relation with linear friction. 2022, 139, 103897	3
170	Over-Expression and Prognostic Significance of FN1, Correlating With Immune Infiltrates in Thyroid Cancer <b>2021</b> , 8, 812278	2
169	Influenza A virus uses PSMA2 for downregulation of NRF2-mediated oxidative stress response <b>2022</b> , jvi0199021	0
168	Soluble components and acute-phase proteins. <b>2022</b> , 217-230	
167	Experimental study of negative pressure wound therapy combined with platelet-rich fibrin for bone-exposed wounds <b>2022</b> , 17, 23-35	1
166	An unusual cause of hypertension and proteinuria: Answers 2022, 1	

Fascin expression persists with fibronectin in embryonic rat hepatoblasts.. 2022, 1

164	The role of cell-matrix interactions in connective tissue mechanics <b>2021</b> ,	1
163	Oxygen Ion Implantation Improving Cell Adhesion on Titanium Surfaces through Increased Attraction of Fibronectin PHSRN Domain <b>2022</b> , e2101983	1
162	Studies of interactions between fibronectin and a specific antibody against fibronectin using SPRi and QCM <b>2022</b> , 212, 114640	O
161	FUS-DDIT3 Fusion Oncoprotein Expression Affects JAK-STAT Signaling in Myxoid Liposarcoma <b>2022</b> , 12, 816894	О
160	The Proteolysis of ECM in Intervertebral Disc Degeneration <b>2022</b> , 23,	O
159	Identification of key genes in oral squamous cell carcinoma by integrated bioinformatics analysis. <b>2022</b> , 77, 907	
158	Tumor Microenvironment in Pancreatic Intraepithelial Neoplasia <b>2021</b> , 13,	3
157	Tumor Microenvironment Features and Chemoresistance in Pancreatic Ductal Adenocarcinoma: Insights into Targeting Physicochemical Barriers and Metabolism as Therapeutic Approaches. <b>2021</b> , 13,	5
156	The jam session between muscle stem cells and the extracellular matrix in the tissue microenvironment <b>2022</b> , 7, 16	O
155	Clinical case of fibronectin glomerulopathy. <b>2022</b> , 26, 88-95	
154	Plasma fibronectin can affect the cytokine profile and monocytes/macrophages function in addition to predicting the prognosis of advanced sepsis <b>2022</b> , 36, e22179	1
153	DNA Methylation Mediates EMT Gene Expression in Human Pancreatic Ductal Adenocarcinoma Cell Lines <b>2022</b> , 23,	2
152	Overexpression of the Hsa21 Transcription Factor RUNX1 Modulates the Extracellular Matrix in Trisomy 21 Cells <b>2022</b> , 13, 824922	1
151	Integrin Regulated Autoimmune Disorders: Understanding the Role of Mechanical Force in Autoimmunity <b>2022</b> , 10, 852878	1
150	FKRP directed fibronectin glycosylation: A novel mechanism giving insights into muscular dystrophies?. <b>2022</b> , e2100270	1
149	Into the Tissues: Extracellular Matrix and Its Artificial Substitutes: Cell Signalling Mechanisms <b>2022</b> , 11,	5
148	Dermal fibroblasts promote cancer cell proliferation and exhibit fibronectin overexpression in early mycosis fungoides <b>2022</b> ,	1

Biomarkers for Breast Adenocarcinoma Using In Silico Approaches.. **2022**, 2022, 7825272

146	Surface Free Energy of Titanium Disks Enhances Osteoblast Activity by Affecting the Conformation of Adsorbed Fibronectin. <b>2022</b> , 9,	
145	Site-specific N-glycan profiles of ⊞ntegrin from rat liver <b>2022</b> ,	O
144	A multifunctional enolase mediates cytoadhesion and interaction with host plasminogen and fibronectin in Mycoplasma hyorhinis <b>2022</b> , 53, 26	O
143	The influence of nanotopography on cell behaviour through interactions with the extracellular matrix - A review <b>2022</b> , 15, 145-159	2
142	HSP90 as a regulator of extracellular matrix dynamics <b>2021</b> ,	O
141	EGFR-Dependent Extracellular Matrix Protein Interactions Might Light a Candle in Cell Behavior of Non-Small Cell Lung Cancer <b>2021</b> , 11, 766659	2
140	CDK6-PI3K signaling axis is an efficient target for attenuating ABCB1/P-gp mediated multi-drug resistance (MDR) in cancer cells <b>2022</b> , 21, 103	3
139	Nanoscopic analyses of cell-adhesive protein adsorption on poly(2-methoxyethyl acrylate) surfaces <b>2022</b> ,	О
138	Cadherin-11 influences differentiation in human mesenchymal stem cells by regulating the extracellular matrix via the TGFII pathway <b>2022</b> ,	1
137	Interaction of Bartonella henselae with Fibronectin Represents the Molecular Basis for Adhesion to Host Cells <b>2022</b> , e0059822	O
136	Biomaterial Integration in the Joint: Pathological Considerations, Immunomodulation, and the Extracellular Matrix <b>2022</b> , e2200037	1
135	Implications of fibrotic extracellular matrix in diabetic retinopathy <b>2022</b> , 15353702221087175	О
134	Table_1.DOCX. <b>2020</b> ,	
133	Video_1.AVI. <b>2020</b> ,	
132	Video_2.AVI. <b>2020</b> ,	
131	Video_3.AVI. <b>2020</b> ,	
130	Video_4.AVI. <b>2020</b> ,	

## (2022-2020)

129	Table_1.XLSX. <b>2020</b> ,
128	lmage_1.TIF. <b>2019</b> ,
127	Image_2.TIF. <b>2019</b> ,
126	lmage_3.TIF. <b>2019</b> ,
125	Image_4.TIF. <b>2019</b> ,
124	lmage_5.TIF. <b>2019</b> ,
123	Image_6.TIF. <b>2019</b> ,
122	lmage_7.TIF. <b>2019</b> ,
121	Image_8.TIF. <b>2019</b> ,
120	lmage_9.TIF. <b>2019</b> ,
119	DataSheet_1.docx. <b>2020</b> ,
118	Data_Sheet_1.docx. <b>2020</b> ,
117	Table_1.xlsx. <b>2020</b> ,
116	Table_2.xlsx. <b>2020</b> ,
115	Table_3.xlsx. <b>2020</b> ,
114	Table_4.xlsx. <b>2020</b> ,
113	Identification of Prognostic Biomarkers for Glioblastoma Based on Transcriptome and Proteome Association Analysis <b>2022</b> , 21, 15330338211035270
112	Placental Tissues as Biomaterials in Regenerative Medicine <b>2022</b> , 2022, 6751456

111	Identification and functional characterization of imbalanced osteoarthritis associated fibronectin splice variants <b>2022</b> ,	
110	The Alternative Matrisome: alternative splicing of ECM proteins in development, homeostasis and tumor progression <b>2022</b> ,	O
109	Engineering Extracellular Microenvironment for Tissue Regeneration. <b>2022</b> , 9, 202	1
108	Group A streptococci induce high-affinity M protein-fibronectin interaction when specific human antibodies are bound.	
107	Hsa_circ_0000285 contributes to gastric cancer progression by upregulating FN1 through the inhibition of miR-1278 <b>2022</b> , e24475	O
106	Diseases of the Uvea, Uveitis, and Recurrent Uveitis. <b>2022</b> , 441-498	
105	The Overexpression of Fibronectin 1 Promotes Cancer Progression and Associated with M2 Macrophages Polarization in Head and Neck Squamous Cell Carcinoma Patients. Volume 15, 5027-5042	3
104	The molecular consequences of androgen activity in the human breast.	
103	Recellularization of Bioengineered Scaffolds for Vascular Composite Allotransplantation. 2022, 9,	0
102	Colonization and Infection of Indwelling Medical Devices by Staphylococcus aureus with an Emphasis on Orthopedic Implants. <b>2022</b> , 23, 5958	4
101	Interactions in CSF1-driven Tenosynovial Giant Cell Tumors.	О
100	Co-localization of Fibronectin Receptors LILRB4/gp49B and Integrin on Dendritic Cell Surface. <b>2022</b> , 257, 171-180	O
99	Prevalence, Risk Factors, Pathophysiology, Potential Biomarkers and Management of Feline Idiopathic Cystitis: An Update Review. 9,	
98	Lnc-ABCA12-8 confers acquired resistance to gefitinib in non-small cell lung cancer by regulating the alternative splicing of fibronectin 1 in the IIICS region.	O
97	Recent Progress on the Role of Fibronectin in Tumor Stromal Immunity and Immunotherapy. <b>2022</b> , 22,	1
96	Genomic analysis of an aggressive case with metastatic intrahepatic mucinous cholangiocarcinoma.	О
95	Toll-like receptors and damage-associated molecular patterns in the pathogenesis of heart transplant rejection.	
94	Myeloid immune checkpoint ILT3/LILRB4/gp49B can co-tether fibronectin with integrin on macrophages.	O

Advances in the Study of Extracellular Matrix in Colorectal Cancer. 2022, 12, 101-106 93 The physiology of the endothelial cells. 2022, 67-93 92 The Role of the Microenvironment in Endometriosis: Parallels and Distinctions to Cancer. 2022, 483-496 91 Solubilization and Purification of 51 Integrin from Rat Liver for Reconstitution into Nanodiscs. 90 **2022**, 1-18 Comparative Study of EIIIA-FN in Rat Skin Excision before and after Death. 2022, 12, 6353-6366 89 88 Fibronectin: structure, functions, clinical significance (review). 2022, 12, 138-158 Fibronectin containing alternatively spliced extra domain A interacts at the central and c-terminal 87 1 domain of Toll-like receptor-4. 2022, 12, Transcriptome analysis of human cholangiocytes exposed to carcinogenic 1,2-dichloropropane in 86 the presence of macrophages in vitro. 2022, 12, Overexpression of SHARPIN promotes tumor progression in ovarian cancer. 2022, 104806 85 Material-driven fibronectin and vitronectin assembly enhances BMP-2 presentation and 84 osteogenesis. 2022, 100367 The extracellular matrix protein fibronectin modulates metanephric kidney development. 83 Tissue mechanics coevolves with fibrillar matrisomes in healthy and fibrotic tissues. 2022, 111, 153-188 82 Fibronectin anchoring to viscoelastic poly(dimethylsiloxane) elastomers controls fibroblast 81 mechanosensing and directional motility. 2022, 287, 121646 IGDQ motogenic peptide gradient induces directional cell migration through integrin  $(lam{w})B$ 80 activation in MDA-MB-231 metastatic breast cancer cells. 2022, 31, 100816 Matrix Metalloproteinase-2 Contributes to Cancer Cell Migration on Collagen. 2005, 65, 130-136 79 33 Anastellin, a Fragment of the First Type III Repeat of Fibronectin, Inhibits Extracellular 78 Signal-Regulated Kinase and Causes G1 Arrest in Human Microvessel Endothelial Cells. 2005, 65, 148-156 Targeting Fibronectin to Overcome Remyelination Failure in Multiple Sclerosis: The Need for Brain-1 77 and Lesion-Targeted Drug Delivery. 2022, 23, 8418 Identification of Hub Genes and Key Pathways Associated with Follicular Lymphoma. 2022, 2022, 1-8 76

75	Mimicking chronic glaucoma over 6 months with a single intracameral injection of dexamethasone/fibronectin-loaded PLGA microspheres. <b>2022</b> , 29, 2357-2374	2
74	A DNA Aptamer Targeting Cellular Fibronectin Rather Than Plasma Fibronectin for Bioimaging and Targeted Chemotherapy of Tumors. 2205002	O
73	Interactions in CSF1-driven Tenosynovial Giant Cell Tumors.	
<del>7</del> 2	Plasmonic Biosensing for Label-Free Detection of Two Hallmarks of Cancer Cells: Cell-Matrix Interaction and Cell Division. <b>2022</b> , 12, 674	1
71	FN1 overexpression is correlated with unfavorable prognosis and immune infiltrates in breast cancer. 13,	1
70	Explainable Artificial Intelligence Helps in Understanding the Effect of Fibronectin on Survival of Sepsis. <b>2022</b> , 11, 2433	1
69	Chrysophanol, a main anthraquinone from Rheum palmatum L. (rhubarb), protects against renal fibrosis by suppressing NKD2/NF- <b>B</b> pathway. <b>2022</b> , 105, 154381	0
68	Structure and mechanics of the vitreoretinal interface. <b>2022</b> , 134, 105399	O
67	Multimodal imaging demonstrates enhanced tumor exposure of PEGylated FUD peptide in breast cancer. <b>2022</b> , 350, 284-297	
66	Epigallocatechin-gallate tailors the cell adhesivity of fibronectin coatings in oxidization and concentration dependent manner.	O
65	Open spaced ridged hydrogel scaffolds containing TiSAMP surface chemistry promotes regeneration and recovery following spinal cord injury.	O
64	Secretome analysis reveals reduced expression of COL4A2 in hypoxic cancer-associated fibroblasts with a tumor-promoting function in gastric cancer.	1
63	Bioselectivity of silk protein-based materials and their bio-inspired applications. 13, 902-921	1
62	Filopodial adhesive force in discrete nodes revealed by integrin molecular tension imaging. 2022,	O
61	Adhesion of Bartonella henselae to Fibronectin Is Mediated via Repetitive Motifs Present in the Stalk of Bartonella Adhesin A.	O
60	A study on the effect of microgroove-fibronectin complex titanium plate on the expression of various cell behavior-related genes in human gingival fibroblasts. <b>2022</b> , 38, 150-161	O
59	Evaluation of EDB Fibronectin in Plasma, Patient-Derived Xenograft Formalin-Fixed Paraffin-Embedded and Fresh Frozen Tumor Tissues Using Immunoaffinity LC-MS/MS. <b>2022</b> , 21, 2331-2340	2
58	Atm inhibition decreases lens opacity in a rat model of galactose-induced cataract. <b>2022</b> , 17, e0274735	O

57	Mechanotransduction through adhesion molecules: Emerging roles in regulating the stem cell niche. 10,	0
56	Advances on the roles of tenascin-C in cancer. <b>2022</b> , 135,	1
55	The extracellular matrix alteration, implication in modulation of drug resistance mechanism: friends or foes?. <b>2022</b> , 41,	0
54	Design of 3D smart scaffolds using natural, synthetic and hybrid derived polymers for skin regenerative applications. <b>2022</b> ,	3
53	The molecular regulation of oligodendrocyte development and CNS myelination by ECM proteins. 10,	1
52	Establishment and Characterization of Immortalized Human Vocal Fold Fibroblast Cell Lines.	0
51	Modulation of the extracellular matrix by Streptococcus gallolyticus subsp. gallolyticus and importance in cell proliferation. <b>2022</b> , 18, e1010894	0
50	Progress in the studies on the molecular mechanisms associated with multidrug resistance in cancers. <b>2022</b> ,	1
49	Expression of O-glycosylated oncofetal fibronectin in alternatively activated human macrophages.	6
48	Computational study on Strontium ion modified Hydroxyapatite-Fibronectin interaction.	O
47	Novel synthesis of fibronectin derived photoluminescent carbon dots for bioimaging applications. <b>2022</b> , 12, 30487-30494	0
46	Current Concepts and Methods in Tissue Interface Scaffold Fabrication. 2022, 7, 151	2
45	A Comparative Analysis of the Wound Healing-Related Heterogeneity of Adipose-Derived Stem Cells Donors. <b>2022</b> , 14, 2126	0
44	133p53 coordinates ECM-driven morphogenesis and gene expression in 3-dimensional mammary epithelial acini.	O
43	Overactive Wnt5a signaling disrupts hair follicle polarity during mouse skin development.	0
42	Collagen as a Biomaterial for Skin and Corneal Wound Healing. <b>2022</b> , 13, 249	3
41	Initiation of fibronectin fibrillogenesis is an enzyme-dependent process.	0
40	Blue light attenuates TGF- <b>2</b> -induced epithelial-mesenchymal transition in human lens epithelial cells via autophagy impairment. <b>2022</b> , 22,	Ο

39	Fibroblasts secrete fibronectin under lamellipodia in a microtubule- and myosin IIdependent fashion. <b>2023</b> , 222,	O
38	Biomimetic Strategy to Enhance Epithelial Cell Viability and Spreading on PEEK Implants. <b>2022</b> , 8, 5129-5144	O
37	Function and characteristics of TIM-4 in îmmune regulation and disease (Review). 2022, 51,	O
36	Silencing the Long Non-coding RNA HOTAIR Inhibits Epithelial-Mesenchymal Transition in MKN45 Gastric Cancer Cell Line by Downregulation of Fibronectin-1 and Claudin-4. <b>2022</b> , 13,	O
35	Comprehensive Profiling of Early Neoplastic Gastric Microenvironment Modifications and Biodynamics in Impaired BMP-Signaling FoxL1+-Telocytes. <b>2023</b> , 11, 19	O
34	Amyloid-Based Albumin Hydrogels. 2201748	O
33	Aspirin Inhibits Fibronectin Expression and Reverses Fibronectin-Mediated Cell Invasiveness by Activating Akt Signaling in Preeclampsia. <b>2022</b> , 15, 1523	0
32	A case of FN1 -fused calcified chondroid mesenchymal neoplasm of the hand with novel FGFR3 partner gene.	O
31	Classification of conformations of fibronectin fibrils by backscattering polarization imaging. 2022,	O
30	Association between Perceived Health-Related Quality of Life and Depression with Frailty in the FRASNET Study. <b>2022</b> , 19, 16776	O
29	RSK1 and RSK2 serine/threonine kinases regulate different transcription programs in cancer. 10,	O
28	LILRB4/gp49B Co-Localizes with Integrin via Fibronectin at Focal Adhesion Sites on Mast Cells. <b>2023</b>	O
27	Transcriptomics of mussel transmissible cancer MtrBTN2 reveals accumulation of multiple cancerous traits and oncogenic pathways shared among bilaterians.	О
26	Application of decellularized vascular matrix in small-diameter vascular grafts. 10,	1
25	Wound Healing of Quinic Acid in Human Dermal Fibroblasts by Regulating Expression of FN1 and COL1A1 Gene. 63-69	O
24	Group A streptococci induce stronger M protein-fibronectin interaction when specific human antibodies are bound. 14,	O
23	Regeneration and Tissue Microenvironment. <b>2023</b> , 1-12	0
22	Establishment and characterization of immortalized human vocal fold fibroblast cell lines.	O

21	PRPF8 increases the aggressiveness of hepatocellular carcinoma by regulating FAK/AKT pathway via fibronectin 1 splicing. <b>2023</b> , 55, 132-142	0
20	A high-impact FN1 variant correlates with fibronectin-mediated glomerulopathy via decreased binding to collagen type IV. <b>2023</b> ,	O
19	Fibronectin and JMJD6 signature in circulating placental extracellular vesicles for the detection of preeclampsia.	О
18	Increased expression of the pathological O-glycosylated form of oncofetal fibronectin in the multidrug resistance phenotype of cancer cells. <b>2023</b> , 118, 47-68	1
17	Transcriptomic analysis of human cytomegalovirus to survey the indirect effects on renal transplant recipients. <b>2023</b> , 78, 101746	O
16	Astrocyte-associated fibronectin promotes the proinflammatory phenotype of astrocytes through Il integrin activation. <b>2023</b> , 125, 103848	O
15	Genetics and Molecular Basis of Congenital Heart Defects in Down Syndrome: Role of Extracellular Matrix Regulation. <b>2023</b> , 24, 2918	О
14	Mutation-class dependent signatures outweigh disease-associated processes in cystic fibrosis cells. <b>2023</b> , 13,	1
13	Differential Expression of MED12-Associated Coding RNA Transcripts in Uterine Leiomyomas. <b>2023</b> , 24, 3742	O
12	The Proteomes of Oral Cells Change during Co-Cultivation with Aggregatibacter actinomycetemcomitans and Eikenella corrodens. <b>2023</b> , 11, 700	O
11	The molecular consequences of androgen activity in the human breast. 2023, 3, 100272	О
10	EV-A71 Mechanism of Entry: Receptors/Co-Receptors, Related Pathways and Inhibitors. <b>2023</b> , 15, 785	O
9	☐ Integrins in Immune Homeostasis and Disease. 2023, 273-307	О
8	Introducing aesthetic regenerative scaffolds: An immunological perspective. 2023, 22, 8-14	0
7	Mechanisms of Demyelination and Remyelination Strategies for Multiple Sclerosis. 2023, 24, 6373	0
6	Electrochemical Detection of Borrelia burgdorferi Using a Biomimetic Flow Cell System.	0
5	Dimerization of Transmembrane Proteins in Cancer Immunotherapy. <b>2023</b> , 13, 393	О
4	Label-free quantitative proteomics reveals aberrant expression levels of LRG, C9, FN, A1AT and AGP1 in the plasma of patients with colorectal cancer. <b>2023</b> , 20,	O

The Extracellular Matrix: Its Composition, Function, Remodeling, and Role in Tumorigenesis. **2023**, 8, 146

О

Heterogeneity and versatility of the extracellular matrix during the transition from pleomorphic adenoma to carcinoma ex pleomorphic adenoma: cumulative findings from basic research and new insights. 4,

О

Pathology, Genetics, and Molecular Biology. **2023**,

О