Peter Friedl

List of Publications by Year
in descending order

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157 papers	28,939 citations	15880 67 h-index	8878 150 g-index
175 all docs	175 docs citations	175 times ranked	30641 citing authors

#	Article	IF	Citations
1	Host responses to implants revealed by intravital microscopy. Nature Reviews Materials, 2022, 7, 6-22.	23.3	21
2	Enhancing ²²³Ra Treatment Efficacy by Anti-Î²1 Integrin Targeting. Journal of Nuclear Medicine, 2022, 63, 1039-1045.	2.8	6
3	Calpain-2 regulates hypoxia/HIF-induced plasticity toward amoeboid cancer cell migration and metastasis. Current Biology, 2022, 32, 412-427.e8.	1.8	19
4	Towards targeting of shared mechanisms of cancer metastasis and therapy resistance. Nature Reviews Cancer, 2022, 22, 157-173.	12.8	125
5	Intravital deep-tumor single-beam 3-photon, 4-photon, and harmonic microscopy. ELife, 2022, 11, .	2.8	31
6	Imaging mechanical properties of cancer cells during metastasis with Brillouin microspectroscopy. , 2022, , .		1
7	Actomyosin contractility requirements and reciprocal cellâ€“tissue mechanics for cancer cell invasion through collagen-based channels. European Physical Journal E, 2022, 45, 48.	0.7	7
8	IL-15 superagonist N-803 improves IFNÎ³ production and killing of leukemia and ovarian cancer cells by CD34+â€‰progenitor-derived NK cells. Cancer Immunology, Immunotherapy, 2021, 70, 1305-1321.	2.0	27
9	Metabolic Screening of Cytotoxic T-cell Effector Function Reveals the Role of CRAC Channels in Regulating Lethal Hit Delivery. Cancer Immunology Research, 2021, 9, 926-938.	1.6	5
10	Cytotoxic T cells are able to efficiently eliminate cancer cells by additive cytotoxicity. Nature Communications, 2021, 12, 5217.	5.8	99
11	Tutorial: methods for three-dimensional visualization of archival tissue material. Nature Protocols, 2021, 16, 4945-4962.	5.5	7
12	Collective cancer invasion forms an integrin-dependent radioresistant niche. Journal of Experimental Medicine, 2020, 217, .	4.2	55
13	p120-catenin-dependent collective brain infiltration by glioma cell networks. Nature Cell Biology, 2020, 22, 97-107.	4.6	79
14	Community standards for open cell migration data. GigaScience, 2020, 9, .	3.3	12
15	Dorsoventral polarity directs cell responses to migration track geometries. Science Advances, 2020, 6, eaba6505.	4.7	39
16	Cellâ€“cell adhesion and 3D matrix confinement determine jamming transitions in breast cancer invasion. Nature Cell Biology, 2020, 22, 1103-1115.	4.6	209
17	Multi-scale analysis and modelling of collective migration in biological systems. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190377.	1.8	29
18	Collective invasion induced by an autocrine purinergic loop through connexin-43 hemichannels. Journal of Cell Biology, 2020, 219, .	2.3	21

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19	P120 Catenin Isoforms Differentially Associate with Breast Cancer Invasion and Metastasis. Cancers, 2019, 11, 1459.	1.7	11
20	Differential expression of p120-catenin 1 and 3 isoforms in epithelial tissues. Scientific Reports, 2019, 9, 90.	1.6	12
21	Engineered bone for probing organotypic growth and therapy response of prostate cancer tumoroids in vitro. Biomaterials, 2019, 197, 296-304.	5.7	18
22	Radium 223-Mediated Zonal Cytotoxicity of Prostate Cancer in Bone. Journal of the National Cancer Institute, 2019, 111, 1042-1050.	3.0	20
23	Compatibility of CO 2 laser surgery and fluorescence detection in head and neck cancer cells. Head and Neck, 2019, 41, 1253-1259.	0.9	4
24	Cancer invasion into musculature: Mechanics, molecules and implications. Seminars in Cell and Developmental Biology, 2019, 93, 36-45.	2.3	35
25	Spatiotemporally controlled nano-sized third harmonic generation agents. Biomedical Optics Express, 2019, 10, 3301.	1.5	5
26	Rethinking research into metastasis. ELife, 2019, 8, .	2.8	6
27	Mechanoreciprocity in cell migration. Nature Cell Biology, 2018, 20, 8-20.	4.6	435
28	Rational Design of Mouse Models for Cancer Research. Trends in Biotechnology, 2018, 36, 242-251.	4.9	61
29	LÃ©vy-like movement patterns of metastatic cancer cells revealed in microfabricated systems and implicated in vivo. Nature Communications, 2018, 9, 4539.	5.8	73
30	Intravital microscopy of osteolytic progression and therapy response of cancer lesions in the bone. Science Translational Medicine, 2018, 10, .	5.8	42
31	Intravital microscopy of collective invasion plasticity in breast cancer. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	62
32	Adaptive adhesion systems mediate glioma cell invasion in complex environments. Journal of Cell Science, 2018, 131, .	1.2	35
33	Targeting CD44v6 for fluorescence-guided surgery in head and neck squamous cell carcinoma. Scientific Reports, 2018, 8, 10467.	1.6	24
34	Tuning Collective Cell Migration by Cellâ€“Cell Junction Regulation. Cold Spring Harbor Perspectives in Biology, 2017, 9, a029199.	2.3	268
35	Hypoxia Induces a HIF-1-Dependent Transition from Collective-to-Amoeboid Dissemination in Epithelial Cancer Cells. Current Biology, 2017, 27, 392-400.	1.8	107
36	Extracellular protonation modulates cell-cell interaction mechanics and tissue invasion in human melanoma cells. Scientific Reports, 2017, 7, 42369.	1.6	48

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37	Examination of the foreign body response to biomaterials by nonlinear intravital microscopy. Nature Biomedical Engineering, 2017, 1, .	11.6	147
38	Recapitulating in vivo-like plasticity of glioma cell invasion along blood vessels and in astrocyte-rich stroma. Histochemistry and Cell Biology, 2017, 148, 395-406.	0.8	70
39	Collective invasion in ductal and lobular breast cancer associates with distant metastasis. Clinical and Experimental Metastasis, 2017, 34, 421-429.	1.7	66
40	Single cell-based automated quantification of therapy responses of invasive cancer spheroids in organotypic 3D culture. Methods, 2017, 128, 139-149.	1.9	27
41	Strain Stiffening of Fibrillar Collagen during Individual and Collective Cell Migration Identified by AFM Nanoindentation. ACS Applied Materials & Interfaces, 2016, 8, 21946-21955.	4.0	123
42	Plasticity of Cancer Cell Invasionâ€"Mechanisms and Implications for Therapy. Advances in Cancer Research, 2016, 132, 209-264.	1.9	71
43	Plasticity of tumor cell invasion: governance by growth factors and cytokines. Carcinogenesis, 2016, 37, bgw098.	1.3	61
44	Plasticity of Cell Migration In Vivo and In Silico. Annual Review of Cell and Developmental Biology, 2016, 32, 491-526.	4.0	201
45	Stemness shaped by curvature. Nature Materials, 2016, 15, 827-828.	13.3	6
46	Third harmonic generation microscopy of cells and tissue organization. Journal of Cell Science, 2016, 129, 245-55.	1.2	151
47	Nuclear envelope rupture and repair during cancer cell migration. Science, 2016, 352, 353-358.	6.0	1,003
48	Anti-CD137 monoclonal antibodies and adoptive T cell therapy: a perfect marriage?. Cancer Immunology, Immunotherapy, 2016, 65, 493-497.	2.0	15
49	Focusing and sustaining the antitumor CTL effector killer response by agonist anti-CD137 mAb. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7551-7556.	3.3	92
50	An open data ecosystem for cell migration research. Trends in Cell Biology, 2015, 25, 55-58.	3.6	26
51	Collective cell migration: guidance principles and hierarchies. Trends in Cell Biology, 2015, 25, 556-566.	3.6	340
52	Translating Membrane Tension into Cytoskeletal Action by FBP17. Developmental Cell, 2015, 33, 628-630.	3.1	6
53	Directing collagen fibers using counter-rotating cone extrusion. Acta Biomaterialia, 2015, 12, 113-121.	4.1	37
54	Yes-mediated phosphorylation of focal adhesion kinase at tyrosine 861 increases metastatic potential of prostate cancer cells. Oncotarget, 2015, 6, 10175-10194.	0.8	14

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55	Rho GTPases in collective cell migration. Small GTPases, 2014, 5, e983869.	0.7	142
56	A Swiss Army Knife for CTLs. Immunity, 2014, 41, 873-875.	6.6	3
57	Cell jamming: Collective invasion of mesenchymal tumor cells imposed by tissue confinement. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 2386-2395.	1.1	260
58	Plasticity of the actin cytoskeleton in response to extracellular matrix nanostructure and dimensionality. Biochemical Society Transactions, 2014, 42, 1356-1366.	1.6	20
59	Rho-directed forces in collective migration. Nature Cell Biology, 2014, 16, 208-210.	4.6	45
60	Preclinical intravital microscopy of the tumour-stroma interface: invasion, metastasis, and therapy response. Current Opinion in Cell Biology, 2013, 25, 659-671.	2.6	121
61	Cancer invasion and resistance. European Journal of Cancer, Supplement, 2013, 11, 291-293.	2.2	10
62	Mechanotransduction of mesenchymal melanoma cell invasion into 3D collagen lattices: Filopod-mediated extensionâ€“relaxation cycles and force anisotropy. Experimental Cell Research, 2013, 319, 2424-2433.	1.2	33
63	Physical limits of cell migration: Control by ECM space and nuclear deformation and tuning by proteolysis and traction force. Journal of Cell Biology, 2013, 201, 1069-1084.	2.3	1,123
64	Intravital third harmonic generation microscopy of collective melanoma cell invasion. Intravital, 2012, 1, 32-43.	2.0	277
65	Classifying collective cancer cell invasion. Nature Cell Biology, 2012, 14, 777-783.	4.6	807
66	Cancer invasion and resistance: interconnected processes of disease progression and therapy failure. Trends in Molecular Medicine, 2012, 18, 13-26.	3.5	139
67	New dimensions in cell migration. Nature Reviews Molecular Cell Biology, 2012, 13, 743-747.	16.1	212
68	Fluorescence Lifetime Microscopy of Tumor Cell Invasion, Drug Delivery, and Cytotoxicity. Methods in Enzymology, 2012, 504, 109-125.	0.4	31
69	Interstitial guidance of cancer invasion. Journal of Pathology, 2012, 226, 185-199.	2.1	279
70	A largeâ€scale ¹⁹F MRIâ€based cell migration assay to optimize cell therapy. NMR in Biomedicine, 2012, 25, 1095-1103.	1.6	20
71	Cancer Invasion and the Microenvironment: Plasticity and Reciprocity. Cell, 2011, 147, 992-1009.	13.5	1,669
72	Extracellular matrix determinants of proteolytic and non-proteolytic cell migration. Trends in Cell Biology, 2011, 21, 736-744.	3.6	293

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73	Nuclear mechanics during cell migration. Current Opinion in Cell Biology, 2011, 23, 55-64.	2.6	408
74	Cytotoxic T lymphocyte migration and effector function in the tumor microenvironment. Immunology Letters, 2011, 138, 19-21.	1.1	51
75	Two-photon laser-generated microtracks in 3D collagen lattices: principles of MMP-dependent and -independent collective cancer cell invasion. Physical Biology, 2011, 8, 029501-029501.	0.8	23
76	Two-photon laser-generated microtracks in 3D collagen lattices: principles of MMP-dependent and -independent collective cancer cell invasion. Physical Biology, 2011, 8, 015010.	0.8	120
77	Interstitial cell migration: integrin-dependent and alternative adhesion mechanisms. Cell and Tissue Research, 2010, 339, 83-92.	1.5	169
78	A three-dimensional organotypic assay to measure target cell killing by cytotoxic T lymphocytes. Biochemical Pharmacology, 2010, 80, 2087-2091.	2.0	13
79	Dynamics of cellâ€“cell and cellâ€“matrix interactions in morphogenesis, regeneration and cancer. Current Opinion in Cell Biology, 2010, 22, 557-559.	2.6	27
80	A dynamic immunological synapse mediates homeostatic TCRâ€dependent and â€independent signaling. European Journal of Immunology, 2010, 40, 2741-2750.	1.6	6
81	Readily Accessible Bicyclononynes for Bioorthogonal Labeling and Threeâ€Dimensional Imaging of Living Cells. Angewandte Chemie - International Edition, 2010, 49, 9422-9425.	7.2	592
82	To adhere or not to adhere?. Nature Reviews Molecular Cell Biology, 2010, 11, 3-3.	16.1	5
83	p27^{kip1} Controls Cell Morphology and Motility by Regulating Microtubule-Dependent Lipid Raft Recycling. Molecular and Cellular Biology, 2010, 30, 2229-2240.	1.1	68
84	Influence of Corneal Collagen Crosslinking with Riboflavin and Ultraviolet-A Irradiation on Excimer Laser Surgery. , 2010, 51, 3929.		45
85	Plasticity of cell migration: a multiscale tuning model. Journal of Cell Biology, 2010, 188, 11-19.	2.3	1,187
86	MMP13 mediates cell cycle progression in melanocytes and melanoma cells: in vitro studies of migration and proliferation. Molecular Cancer, 2010, 9, 201.	7.9	49
87	Determinants of leader cells in collective cell migration. Integrative Biology (United Kingdom), 2010, 2, 568.	0.6	196
88	Plasticity of cell migration: a multiscale tuning model. Journal of Experimental Medicine, 2010, 207, i4-i4.	4.2	14
89	The Tumor Suppressor Functions of p27^{kip1} Include Control of the Mesenchymal/Amoeboid Transition. Molecular and Cellular Biology, 2009, 29, 5031-5045.	1.1	60
90	Genomic instability of micronucleated cells revealed by singleâ€cell comparative genomic hybridization. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2009, 75A, 562-568.	1.1	16

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91	Proteolytic interstitial cell migration: a five-step process. Cancer and Metastasis Reviews, 2009, 28, 129-135.	2.7	242
92	Mapping proteolytic cancer cell-extracellular matrix interfaces. Clinical and Experimental Metastasis, 2009, 26, 289-298.	1.7	213
93	Dynamic imaging of cancer invasion and metastasis: principles and preclinical applications. Clinical and Experimental Metastasis, 2009, 26, 269-271.	1.7	3
94	Collective cell migration in morphogenesis, regeneration and cancer. Nature Reviews Molecular Cell Biology, 2009, 10, 445-457.	16.1	2,170
95	Infrared multiphoton microscopy: subcellular-resolved deep tissue imaging. Current Opinion in Biotechnology, 2009, 20, 54-62.	3.3	168
96	Collagen-based cell migration models in vitro and in vivo. Seminars in Cell and Developmental Biology, 2009, 20, 931-941.	2.3	558
97	Mechanisms of collective cell migration at a glance. Journal of Cell Science, 2009, 122, 3203-3208.	1.2	296
98	Dynamic imaging of cancer growth and invasion: a modified skin-fold chamber model. Histochemistry and Cell Biology, 2008, 130, 1147-1154.	0.8	224
99	Interstitial leukocyte migration and immune function. Nature Immunology, 2008, 9, 960-969.	7.0	509
100	Transplantation of Autologous Keratinocyte Suspension in Fibrin Matrix to Chronic Venous Leg Ulcers: Improved Long-Term Healing after Removal of the Fibrin Carrier. Dermatologic Surgery, 2008, 34, 922-929.	0.4	16
101	CCL11 and GM-CSF Differentially Use the Rho GTPase Pathway to Regulate Motility of Human Eosinophils in a Three-Dimensional Microenvironment. Journal of Immunology, 2008, 180, 8354-8360.	0.4	26
102	Tube Travel: The Role of Proteases in Individual and Collective Cancer Cell Invasion. Cancer Research, 2008, 68, 7247-7249.	0.4	297
103	Stathmin Activity Influences Sarcoma Cell Shape, Motility, and Metastatic Potential. Molecular Biology of the Cell, 2008, 19, 2003-2013.	0.9	121
104	Transplantation of Autologous Keratinocyte Suspension in Fibrin Matrix to Chronic Venous Leg Ulcers. Dermatologic Surgery, 2008, 34, 922-929.	0.4	14
105	Multimodality of pericellular proteolysis in cancer cell invasion. , 2008, , 99-100.		0
106	Infrared multiphoton microscopy beyond 1 micron: system design and biomedical applications. , 2007, 6630, 125.		0
107	Infrared multiphoton microscopy beyond 1 micron: system design and biomedical applications. , 2007, , .		2
108	Biological Second and Third Harmonic Generation Microscopy. Current Protocols in Cell Biology, 2007, 34, Unit 4.15.	2.3	76

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109	Combined Loss of Hey1 and HeyL Causes Congenital Heart Defects Because of Impaired Epithelial to Mesenchymal Transition. Circulation Research, 2007, 100, 856-863.	2.0	146
110	Multi-step pericellular proteolysis controls the transition from individual to collective cancer cell invasion. Nature Cell Biology, 2007, 9, 893-904.	4.6	888
111	Confocal reflection imaging of 3D fibrin polymers. Blood Cells, Molecules, and Diseases, 2006, 36, 191-193.	0.6	38
112	Molecular mechanisms of cancer cell invasion and plasticity. British Journal of Dermatology, 2006, 154, 11-15.	1.4	138
113	p53 family members in myogenic differentiation and rhabdomyosarcoma development. Cancer Cell, 2006, 10, 281-293.	7.7	108
114	Tuning immune responses: diversity and adaptation of the immunological synapse. Nature Reviews Immunology, 2005, 5, 532-545.	10.6	252
115	Cell fusion: new mechanisms of plasticity in cancer?. Lancet Oncology, The, 2005, 6, 916-918.	5.1	15
116	Functional imaging of pericellular proteolysis in cancer cell invasion. Biochimie, 2005, 87, 315-320.	1.3	62
117	Reconstructing Leukocyte Migration in 3D Extracellular Matrix by Time-Lapse Videomicroscopy and Computer-Assisted Tracking. , 2004, 239, 77-90.		48
118	The RacGEF Tiam1 inhibits migration and invasion of metastatic melanoma via a novel adhesive mechanism. Journal of Cell Science, 2004, 117, 4863-4871.	1.2	64
119	Diversity in immune-cell interactions: states and functions of the immunological synapse. Trends in Cell Biology, 2004, 14, 557-567.	3.6	60
120	Prespecification and plasticity: shifting mechanisms of cell migration. Current Opinion in Cell Biology, 2004, 16, 14-23.	2.6	598
121	Dynamic imaging of cellular interactions with extracellular matrix. Histochemistry and Cell Biology, 2004, 122, 183-190.	0.8	92
122	Immunological techniques. Current Opinion in Immunology, 2004, 16, 389-393.	2.4	6
123	Release of cell fragments by invading melanoma cells. European Journal of Cell Biology, 2004, 83, 709-715.	1.6	37
124	A spectrum of biophysical interaction modes between T cells and different antigen-presenting cells during priming in 3-D collagen and in vivo. Blood, 2004, 104, 2801-2809.	0.6	119
125	Collective cell migration in morphogenesis and cancer. International Journal of Developmental Biology, 2004, 48, 441-449.	0.3	388
126	Tumour-cell invasion and migration: diversity and escape mechanisms. Nature Reviews Cancer, 2003, 3, 362-374.	12.8	2,757

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127	Compensation mechanism in tumor cell migration. Journal of Cell Biology, 2003, 160, 267-277.	2.3	1,284
128	Amoeboid shape change and contact guidance: T-lymphocyte crawling through fibrillar collagen is independent of matrix remodeling by MMPs and other proteases. Blood, 2003, 102, 3262-3269.	0.6	400
129	Proteolytic and non-proteolytic migration of tumour cells and leucocytes. Biochemical Society Symposia, 2003, 70, 277-285.	2.7	111
130	ExtrazellulÃre Matrix und Immunregulation. Fortschritte Der Praktischen Dermatologie Und Venerologie, 2003, , 55-59.	0.0	0
131	TCR triggering on the move: diversity of T-cell interactions with antigen-presenting cells. Immunological Reviews, 2002, 186, 83-89.	2.8	40
132	Collective cell movement in primary melanoma explants: plasticity of cell-cell interaction, beta1-integrin function, and migration strategies. Cancer Research, 2002, 62, 2125-30.	0.4	251
133	Molecular and Functional Characterization of the Four-Transmembrane Molecule L6 in Epidermal Keratinocytes. Experimental Cell Research, 2001, 267, 233-242.	1.2	10
134	Interaction of T cells with APCs: the serial encounter model. Trends in Immunology, 2001, 22, 187-191.	2.9	118
135	Amoeboid leukocyte crawling through extracellular matrix: lessons from the Dictyostelium paradigm of cell movement. Journal of Leukocyte Biology, 2001, 70, 491-509.	1.5	154
136	Migration of dendritic cells within 3-D collagen lattices is dependent on tissue origin, state of maturation, and matrix structure and is maintained by proinflammatory cytokines. Journal of Leukocyte Biology, 2000, 67, 622-629.	1.5	72
137	The biology of cell locomotion within three-dimensional extracellular matrix. Cellular and Molecular Life Sciences, 2000, 57, 41-64.	2.4	581
138	T Cell Migration in Three-dimensional Extracellular Matrix: Guidance by Polarity and Sensations. Autoimmunity, 2000, 7, 249-266.	0.6	71
139	Antigen Presentation in Extracellular Matrix. Immunity, 2000, 13, 323-332.	6.6	408
140	Functional Hierarchy of Simultaneously Expressed Adhesion Receptors: Integrin Î±2Î²1 but Not CD44 Mediates MV3 Melanoma Cell Migration and Matrix Reorganization within Three-dimensional Hyaluronan-containing Collagen Matrices. Molecular Biology of the Cell, 1999, 10, 3067-3079.	0.9	121
141	CD4+ T lymphocytes migrating in three-dimensional collagen lattices lack focal adhesions and utilize Î²1 integrin-independent strategies for polarization, interaction with collagen fibers and locomotion. European Journal of Immunology, 1998, 28, 2331-2343.	1.6	202
142	Cell migration strategies in 3-D extracellular matrix: Differences in morphology, cell matrix interactions, and integrin function. , 1998, 43, 369-378.		282
143	Integrins, Cell Matrix Interactions and Cell Migration Strategies: Fundamental Differences in Leukocytes and Tumor Cells. Cell Adhesion and Communication, 1998, 6, 225-236.	1.7	75
144	Direct and rapid induction of migration in human CD4+T lymphocytes within threeâ€dimensional collagen matrices mediated by signalling via CD3 and/or CD2. Immunology, 1998, 95, 62-68.	2.0	20

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145	Purification, Structural Analysis, and Function of Natural ATAC, a Cytokine Secreted by CD8+ T Cells. Journal of Biological Chemistry, 1997, 272, 8817-8823.	1.6	51
146	Locomotory phenotypes of human tumor cell lines and T lymphocytes in a three-dimensional collagen lattice. Cancer Letters, 1997, 118, 173-180.	3.2	34
147	Effect of a mistletoe extract (IscadorÂ® QuFrF) on viability and migratory behavior of human peripheral CD4+ and CD8+ T lymphocytes in three-dimensional collagen lattices. In Vitro Cellular and Developmental Biology - Animal, 1997, 33, 710-716.	0.7	14
148	Migration of Dendritic Cells in 3D-Collagen Lattices. Advances in Experimental Medicine and Biology, 1997, , 97-103.	0.8	34
149	Migration of highly aggressive MV3 melanoma cells in 3-dimensional collagen lattices results in local matrix reorganization and shedding of alpha2 and beta1 integrins and CD44. Cancer Research, 1997, 57, 2061-70.	0.4	204
150	Migration of dendritic cells in 3D-collagen lattices. Visualisation of dynamic interactions with the substratum and the distribution of surface structures via a novel confocal reflection imaging technique. Advances in Experimental Medicine and Biology, 1997, 417, 97-103.	0.8	14
151	Differential requirement of protein tyrosine kinases and protein kinase C in the regulation of T cell locomotion in three-dimensional collagen matrices. Journal of Immunology, 1997, 159, 3203-10.	0.4	50
152	T lymphocyte locomotion in a three-dimensional collagen matrix. Expression and function of cell adhesion molecules. Journal of Immunology, 1995, 154, 4973-85.	0.4	62
153	Migration of coordinated cell clusters in mesenchymal and epithelial cancer explants in vitro. Cancer Research, 1995, 55, 4557-60.	0.4	184
154	Locomotor phenotypes of unstimulated CD45RAhigh and CD45ROhigh CD4+ and CD8+ lymphocytes in three-dimensional collagen lattices. Immunology, 1994, 82, 617-24.	2.0	25
155	Lymphocyte locomotion in three-dimensional collagen gels comparison of three quantitative methods for analysing cell trajectories. Journal of Immunological Methods, 1993, 165, 157-165.	0.6	80
156	Alginate â€“ Its Role in Neutrophil Responses and Signal Transduction towards Mucoid <i>Pseudomonas aeruginosa</i> Bacteria. International Archives of Allergy and Immunology, 1992, 99, 98-106.	0.9	15
157	Cell migration strategies in 3-D extracellular matrix: Differences in morphology, cell matrix interactions, and integrin function. , 0, .		1