

John F Marshall

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2631034/publications.pdf>

Version: 2024-02-01

73
papers

5,702
citations

81900

39
h-index

91884

69
g-index

73
all docs

73
docs citations

73
times ranked

8333
citing authors

#	ARTICLE	IF	CITATIONS
1	Fibroblast-led collective invasion of carcinoma cells with differing roles for RhoGTPases in leading and following cells. <i>Nature Cell Biology</i> , 2007, 9, 1392-1400.	10.3	1,281
2	Rigidity sensing and adaptation through regulation of integrin types. <i>Nature Materials</i> , 2014, 13, 631-637.	27.5	304
3	Stromal features are predictive of disease mortality in oral cancer patients. <i>Journal of Pathology</i> , 2011, 223, 470-481.	4.5	260
4	Epidermolysis bullosa. <i>Nature Reviews Disease Primers</i> , 2020, 6, 78.	30.5	182
5	Integrins as Therapeutic Targets: Successes and Cancers. <i>Cancers</i> , 2017, 9, 110.	3.7	177
6	Generation of an anti-tumour immune response in a non-immunogenic tumour: HSVtk killing in vivo stimulates a mononuclear cell infiltrate and a Th1-like profile of intratumoural cytokine expression. <i>International Journal of Cancer</i> , 1997, 71, 267-274.	5.1	175
7	Transwell® Invasion Assays. <i>Methods in Molecular Biology</i> , 2011, 769, 97-110.	0.9	170
8	In vivo therapy of malignant melanoma by means of antagonists of $\alpha 5 \beta 1$ integrins. <i>International Journal of Cancer</i> , 2000, 87, 716-723.	5.1	167
9	$\alpha 5 \beta 1$ integrin promotes invasion of squamous carcinoma cells through up-regulation of matrix metalloproteinase-9. <i>International Journal of Cancer</i> , 2001, 92, 641-650.	5.1	140
10	Therapeutic Targeting of Integrin $\alpha 5 \beta 1$ in Breast Cancer. <i>Journal of the National Cancer Institute</i> , 2014, 106, .	6.3	132
11	HS1-Associated Protein X-1 Regulates Carcinoma Cell Migration and Invasion via Clathrin-Mediated Endocytosis of Integrin $\alpha 5 \beta 1$. <i>Cancer Research</i> , 2007, 67, 5275-5284.	0.9	127
12	Use of a Peptide Derived from Foot-and-Mouth Disease Virus for the Noninvasive Imaging of Human Cancer: Generation and Evaluation of 4-[18F]Fluorobenzoyl A20FMDV2 for <i>In vivo</i> Imaging of Integrin $\alpha 5 \beta 1$ Expression with Positron Emission Tomography. <i>Cancer Research</i> , 2007, 67, 7833-7840.	0.9	119
13	Expression of the $\alpha 5 \beta 1$ Integrin Promotes Migration and Invasion in Squamous Carcinoma Cells. <i>Journal of Investigative Dermatology</i> , 2001, 117, 67-73.	0.7	114
14	A multi-gene signature predicts outcome in patients with pancreatic ductal adenocarcinoma. <i>Genome Medicine</i> , 2014, 6, 105.	8.2	106
15	The role of $\alpha 5 \beta 1$ -integrins in tumour progression and metastasis. <i>Seminars in Cancer Biology</i> , 1996, 7, 129-138.	9.6	91
16	Betelâ€ derived alkaloid upâ€ regulates keratinocyte $\alpha 5 \beta 1$ integrin expression and promotes oral submucous fibrosis. <i>Journal of Pathology</i> , 2011, 223, 366-377.	4.5	91
17	$\alpha 5 \beta 1$ Integrin Upregulates Matrix Metalloproteinase 9 and Promotes Migration of Normal Oral Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2001, 116, 898-904.	0.7	87
18	The role of integrins in TGF $\beta 2$ activation in the tumour stroma. <i>Cell and Tissue Research</i> , 2016, 365, 657-673.	2.9	87

#	ARTICLE	IF	CITATIONS
19	Preclinical SPECT/CT Imaging of $\alpha_5\beta_1$ Integrins for Molecular Stratification of Idiopathic Pulmonary Fibrosis. <i>Journal of Nuclear Medicine</i> , 2013, 54, 2146-2152.	5.0	84
20	TNF- α regulates epithelial expression of MMP-9 and integrin $\alpha_5\beta_1$ during tumour promotion. A role for TNF- α in keratinocyte migration?. <i>Oncogene</i> , 2004, 23, 6954-6966.	5.9	83
21	Structure-Function Analysis of Arg-Gly-Asp Helix Motifs in $\alpha_5\beta_1$ Integrin Ligands. <i>Journal of Biological Chemistry</i> , 2007, 282, 9657-9665.	3.4	82
22	Disturbances in night vision after excimer laser photorefractive keratectomy. <i>Eye</i> , 1994, 8, 46-51.	2.1	74
23	$\alpha_5\beta_1$ Integrin Promotes the Invasion of Morphoeic Basal Cell Carcinoma through Stromal Modulation. <i>Cancer Research</i> , 2008, 68, 3295-3303.	0.9	73
24	Morphometric study of the displacement of retinal ganglion cells subserving cones within the human fovea. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1999, 237, 1014-1023.	1.9	69
25	Foot-and-Mouth Disease Virus Forms a Highly Stable, EDTA-Resistant Complex with Its Principal Receptor, Integrin $\alpha_5\beta_1$: Implications for Infectiousness. <i>Journal of Virology</i> , 2008, 82, 1537-1546.	3.4	68
26	The integrin $\alpha_5\beta_1$ drives pancreatic cancer through diverse mechanisms and represents an effective target for therapy. <i>Journal of Pathology</i> , 2019, 249, 332-342.	4.5	66
27	A new non-contact corneal aesthesiometer (NCCA). <i>Ophthalmic and Physiological Optics</i> , 1996, 16, 101-107.	2.0	64
28	Integrin-Mediated TGF β 2 Activation Modulates the Tumour Microenvironment. <i>Cancers</i> , 2019, 11, 1221.	3.7	62
29	Targeting of Aberrant $\alpha_5\beta_1$ Integrin Expression in Solid Tumors Using Chimeric Antigen Receptor-Engineered T Cells. <i>Molecular Therapy</i> , 2017, 25, 259-273.	8.2	61
30	Tumor Cell Migration in Three Dimensions. <i>Methods in Enzymology</i> , 2006, 406, 625-643.	1.0	60
31	DNA Origami Nanoarrays for Multivalent Investigations of Cancer Cell Spreading with Nanoscale Spatial Resolution and Single-Molecule Control. <i>ACS Nano</i> , 2019, 13, 728-736.	14.6	60
32	Reliability of the Non-Contact Corneal Aesthesiometer and its comparison with the Cochet-Bonnet aesthesiometer. <i>Ophthalmic and Physiological Optics</i> , 1998, 18, 532-539.	2.0	59
33	Cyclooxygenase-2 Inhibition Suppresses $\alpha_5\beta_1$ Integrin-Dependent Oral Squamous Carcinoma Invasion. <i>Cancer Research</i> , 2006, 66, 10833-10842.	0.9	59
34	Clinical results of the blue-light filtering AcrySof Natural foldable acrylic intraocular lens. <i>Journal of Cataract and Refractive Surgery</i> , 2005, 31, 2319-2323.	1.5	57
35	High-resolution <i>in vivo</i> imaging of breast cancer by targeting the pro-invasive integrin $\alpha_5\beta_1$. <i>Journal of Pathology</i> , 2010, 222, 52-63.	4.5	56
36	Adenovirus type 5 uptake by lung adenocarcinoma cells in culture correlates with Ad5 fibre binding is mediated by β 1 integrin and can be modulated by changes in β 1 integrin function. <i>Journal of Gene Medicine</i> , 2001, 3, 550-559.	2.8	50

#	ARTICLE	IF	CITATIONS
37	Pancreatic cancer organotypic cultures. <i>Journal of Biotechnology</i> , 2010, 148, 16-23.	3.8	44
38	Decreasing hydraulic conductivity of Bruch's membrane: Relevance to photoreceptor survival and lipofuscinoses. <i>American Journal of Medical Genetics Part A</i> , 1995, 57, 235-237.	2.4	43
39	The Novel Oncolytic Adenoviral Mutant Ad5-3 β -A20T Retargeted to α _v β ₆ Integrins Efficiently Eliminates Pancreatic Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 575-587.	4.1	41
40	CEACAM7 Is an Effective Target for CAR T-cell Therapy of Pancreatic Ductal Adenocarcinoma. <i>Clinical Cancer Research</i> , 2021, 27, 1538-1552.	7.0	39
41	Probing the nanoscale organisation and multivalency of cell surface receptors: DNA origami nanoarrays for cellular studies with single-molecule control. <i>Faraday Discussions</i> , 2019, 219, 203-219.	3.2	36
42	S100P-Binding Protein, S100BP, Mediates Adhesion through Regulation of Cathepsin Z in Pancreatic Cancer Cells. <i>American Journal of Pathology</i> , 2012, 180, 1485-1494.	3.8	34
43	PHLDA1 Mediates Drug Resistance in Receptor Tyrosine Kinase-Driven Cancer. <i>Cell Reports</i> , 2018, 22, 2469-2481.	6.4	34
44	α _v β ₆ Expression in Myoepithelial Cells: A Novel Marker for Predicting DCIS Progression with Therapeutic Potential. <i>Cancer Research</i> , 2014, 74, 5942-5947.	0.9	32
45	Engineering a Single-Chain Fv Antibody to α _v β ₆ Integrin Using the Specificity-Determining Loop of a Foot-and-Mouth Disease Virus. <i>Journal of Molecular Biology</i> , 2008, 382, 385-401.	4.2	30
46	Loss of MMP-8 in ductal carcinoma in situ (DCIS)-associated myoepithelial cells contributes to tumour promotion through altered adhesive and proteolytic function. <i>Breast Cancer Research</i> , 2017, 19, 33.	5.0	29
47	The ITGB6 gene: its role in experimental and clinical biology. <i>Gene: X</i> , 2020, 5, 100023.	2.3	29
48	Integrin α _v β ₆ -specific therapy for pancreatic cancer developed from foot-and-mouth-disease virus. <i>Theranostics</i> , 2020, 10, 2930-2942.	10.0	28
49	Pro-migratory and TGF β -activating functions of α _v β ₆ integrin in pancreatic cancer are differentially regulated via an Eps8-dependent GTPase switch. <i>Journal of Pathology</i> , 2017, 243, 37-50.	4.5	27
50	Investigating in vitro and in vivo α _v β ₆ integrin receptor-targeting liposomal alendronate for combinatory β ¹ T cell immunotherapy. <i>Journal of Controlled Release</i> , 2017, 256, 141-152.	9.9	25
51	Sixteen-year follow-up of hyperopic laser in situ keratomileusis. <i>Journal of Cataract and Refractive Surgery</i> , 2016, 42, 717-724.	1.5	24
52	The minimum stimulus energy required to produce a cooling sensation in the human cornea. <i>Ophthalmic and Physiological Optics</i> , 2001, 21, 407-410.	2.0	22
53	Two-dimensional heteronuclear saturation transfer difference NMR reveals detailed integrin α _v β ₆ protein-peptide interactions. <i>Chemical Communications</i> , 2010, 46, 7533.	4.1	20
54	Eighteen-year follow-up of hyperopic photorefractive keratectomy. <i>Journal of Cataract and Refractive Surgery</i> , 2016, 42, 258-266.	1.5	18

#	ARTICLE	IF	CITATIONS
55	Modulation of the urokinase-type plasminogen activator receptor by the $\alpha_5\beta_1$ integrin subunit. <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 92-99.	2.1	17
56	Activation status and function of the VLA-4 ($\alpha_4\beta_1$) integrin expressed on human melanoma cell lines. , 1997, 73, 264-270.		14
57	Angiographic abnormalities of experimental autoimmune uveoretinitis. <i>Current Eye Research</i> , 1996, 15, 1149-1155.	1.5	12
58	Inflammation-dependent $\alpha_5\beta_1$ (very late antigen-5) expression on leukocytes reveals a functional role for this integrin in acute peritonitis. <i>Journal of Leukocyte Biology</i> , 2010, 87, 877-884.	3.3	11
59	Structure-activity relationship study of the tumour-targeting peptide A20FMDV2 via modification of Lys16, Leu13, and N- and/or C-terminal functionality. <i>European Journal of Medicinal Chemistry</i> , 2017, 136, 154-164.	5.5	11
60	Generation and Characterization of a Diabody Targeting the $\alpha_5\beta_1$ Integrin. <i>PLoS ONE</i> , 2013, 8, e73260.	2.5	11
61	Melanocortins are comparable to corticosteroids as inhibitors of traumatic ocular inflammation in rabbits. , 2001, 239, 840-844.		10
62	Structural Guided Scaffold Phage Display Libraries as a Source of Bio-Therapeutics. <i>PLoS ONE</i> , 2013, 8, e70452.	2.5	10
63	Harnessing the power of foot-and-mouth-disease virus for targeting integrin $\alpha_v\beta_6$ for the therapy of cancer. <i>Expert Opinion on Drug Discovery</i> , 2021, 16, 737-744.	5.0	10
64	NMR relaxation and structural elucidation of peptides in the presence and absence of trifluoroethanol illuminates the critical molecular nature of integrin $\alpha_v\beta_6$ ligand specificity. <i>RSC Advances</i> , 2012, 2, 11019.	3.6	9
65	The role of $\alpha_9\beta_1$ integrin in modulating epithelial cell behaviour. <i>Journal of Oral Pathology and Medicine</i> , 2011, 40, 755-761.	2.7	8
66	Suppression of Hedgehog signalling promotes pro-tumourigenic integrin expression and function. <i>Journal of Pathology</i> , 2014, 233, 196-208.	4.5	7
67	In vivo therapy of malignant melanoma by means of antagonists of α_v integrins. <i>International Journal of Cancer</i> , 2000, 87, 716-723.	5.1	6
68	Targeting CDH17 in Cancer: When Blocking the Ligand Beats Blocking the Receptor?. <i>Clinical Cancer Research</i> , 2018, 24, 253-255.	7.0	5
69	Corneal sensitivity recovery after photorefractive keratectomy (PRK). <i>Ophthalmic and Physiological Optics</i> , 1996, 16, 250-250.	2.0	3
70	Correlative 3D Structured Illumination Microscopy and Single-Molecule Localization Microscopy for Imaging Cancer Invasion. <i>Methods in Molecular Biology</i> , 2018, 1764, 253-265.	0.9	3
71	Generation of an anti-tumour immune response in a non-immunogenic tumour: HSVtk killing in vivo stimulates a mononuclear cell infiltrate and a Th1-like profile of intratumoural cytokine expression. <i>International Journal of Cancer</i> , 1997, 71, 267-274.	5.1	3
72	New therapeutic avenues for age-related macular degeneration: targeting Bruch's membrane. <i>Expert Review of Ophthalmology</i> , 2008, 3, 353-356.	0.6	0

#	ARTICLE	IF	CITATIONS
73	Synthesis and Systematic Study on the Effect of Different PEG Units on Stability of PEGylated, Integrin- α v β 6-Specific A20FMDV2 Analogues in Rat Serum and Human Plasma. <i>Molecules</i> , 2022, 27, 4331.	3.8	0