

David D Roberts

List of Publications by Year in Descending Order

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

240
papers

17,623
citations

68
h-index

127
g-index

254
ext. papers

20,703
ext. citations

6.8
avg, IF

6.18
L-index

#	Paper	IF	Citations
240	CD47 (Cluster of Differentiation 47). <i>Atlas of Genetics and Cytogenetics in Oncology and Haematology</i> , 2021 , 25, 83-102	2.3	
239	CD47 interactions with exportin-1 limit the targeting of mG-modified RNAs to extracellular vesicles. <i>Journal of Cell Communication and Signaling</i> , 2021 , 1	5.2	2
238	Functions of Thrombospondin-1 in the Tumor Microenvironment. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	15
237	CD47 and thrombospondin-1 regulation of mitochondria, metabolism, and diabetes. <i>American Journal of Physiology - Cell Physiology</i> , 2021 , 321, C201-C213	5.4	2
236	Differential intolerance to loss of function and missense mutations in genes that encode human matricellular proteins. <i>Journal of Cell Communication and Signaling</i> , 2021 , 15, 93-105	5.2	1
235	Thrombospondin-1 in maladaptive aging responses: a concept whose time has come. <i>American Journal of Physiology - Cell Physiology</i> , 2020 , 319, C45-C63	5.4	4
234	THBS1 (thrombospondin-1). <i>Atlas of Genetics and Cytogenetics in Oncology and Haematology</i> , 2020 , 24, 291-299	2.3	7
233	Preclinical and Clinical Development of Therapeutic Antibodies Targeting Functions of CD47 in the Tumor Microenvironment. <i>Antibody Therapeutics</i> , 2020 , 3, 179-192	5.8	17
232	A homogeneous SIRPECD47 cell-based, ligand-binding assay: Utility for small molecule drug development in immuno-oncology. <i>PLoS ONE</i> , 2020 , 15, e0226661	3.7	7
231	A homogeneous SIRPECD47 cell-based, ligand-binding assay: Utility for small molecule drug development in immuno-oncology 2020 , 15, e0226661		
230	A homogeneous SIRPECD47 cell-based, ligand-binding assay: Utility for small molecule drug development in immuno-oncology 2020 , 15, e0226661		
229	A homogeneous SIRPECD47 cell-based, ligand-binding assay: Utility for small molecule drug development in immuno-oncology 2020 , 15, e0226661		
228	A homogeneous SIRPECD47 cell-based, ligand-binding assay: Utility for small molecule drug development in immuno-oncology 2020 , 15, e0226661		
227	Natural Killer Cell Recruitment and Activation Are Regulated by CD47 Expression in the Tumor Microenvironment. <i>Cancer Immunology Research</i> , 2019 , 7, 1547-1561	12.5	29
226	Quantitative high-throughput screening assays for the discovery and development of SIRPECD47 interaction inhibitors. <i>PLoS ONE</i> , 2019 , 14, e0218897	3.7	13
225	Antisense targeting of CD47 enhances human cytotoxic T-cell activity and increases survival of mice bearing B16 melanoma when combined with anti-CTLA4 and tumor irradiation. <i>Cancer Immunology, Immunotherapy</i> , 2019 , 68, 1805-1817	7.4	19
224	Metabolomic Analysis Reveals Unique Biochemical Signatures Associated with Protection from Radiation Induced Lung Injury by Lack of Receptor Gene Expression. <i>Metabolites</i> , 2019 , 9,	5.6	3

223	Endothelial nitric oxide synthase limits host immunity to control disseminated <i>Candida albicans</i> infections in mice. <i>PLoS ONE</i> , 2019 , 14, e0223919	3.7	6
222	Identification of Schlafen-11 as a Target of CD47 Signaling That Regulates Sensitivity to Ionizing Radiation and Topoisomerase Inhibitors. <i>Frontiers in Oncology</i> , 2019 , 9, 994	5.3	12
221	The role of CD47 in pathogenesis and treatment of renal ischemia reperfusion injury. <i>Pediatric Nephrology</i> , 2019 , 34, 2479-2494	3.2	7
220	CD63, MHC class 1, and CD47 identify subsets of extracellular vesicles containing distinct populations of noncoding RNAs. <i>Scientific Reports</i> , 2018 , 8, 2577	4.9	18
219	Combination of anthracyclines and anti-CD47 therapy inhibit invasive breast cancer growth while preventing cardiac toxicity by regulation of autophagy. <i>Breast Cancer Research and Treatment</i> , 2018 , 172, 69-82	4.4	33
218	Thrombospondin-1 interactions regulate eicosanoid metabolism and signaling in cancer-related inflammation. <i>Cancer and Metastasis Reviews</i> , 2018 , 37, 469-476	9.6	11
217	A function-blocking CD47 antibody modulates extracellular vesicle-mediated intercellular signaling between breast carcinoma cells and endothelial cells. <i>Journal of Cell Communication and Signaling</i> , 2018 , 12, 157-170	5.2	19
216	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1535750	16.4	3642
215	CD47 Expression in Natural Killer Cells Regulates Homeostasis and Modulates Immune Response to Lymphocytic Choriomeningitis Virus. <i>Frontiers in Immunology</i> , 2018 , 9, 2985	8.4	27
214	Thrombospondins: Purification of human platelet thrombospondin-1. <i>Methods in Cell Biology</i> , 2018 , 143, 347-369	1.8	7
213	Regulation of Cellular Redox Signaling by Matricellular Proteins in Vascular Biology, Immunology, and Cancer. <i>Antioxidants and Redox Signaling</i> , 2017 , 27, 874-911	8.4	15
212	Secreted Thrombospondin-1 Regulates Macrophage Interleukin-1 β Production and Activation through CD47. <i>Scientific Reports</i> , 2016 , 6, 19684	4.9	42
211	Imaging <i>Candida</i> Infections in the Host. <i>Methods in Molecular Biology</i> , 2016 , 1356, 69-78	1.4	5
210	<i>Candida albicans</i> ISW2 Regulates Chlamyospore Suspensor Cell Formation and Virulence In Vivo in a Mouse Model of Disseminated Candidiasis. <i>PLoS ONE</i> , 2016 , 11, e0164449	3.7	13
209	CD47 2016 , 1-12		
208	A function-blocking CD47 antibody suppresses stem cell and EGF signaling in triple-negative breast cancer. <i>Oncotarget</i> , 2016 , 7, 10133-52	3.3	64
207	Dietary fat overcomes the protective activity of thrombospondin-1 signaling in the Apc(Min/+) model of colon cancer. <i>Oncogenesis</i> , 2016 , 5, e230	6.6	14
206	Divergent modulation of normal and neoplastic stem cells by thrombospondin-1 and CD47 signaling. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 81, 184-194	5.6	19

205	Endoplasmic Reticulum Stress Protein GRP78 Modulates Lipid Metabolism to Control Drug Sensitivity and Antitumor Immunity in Breast Cancer. <i>Cancer Research</i> , 2016 , 76, 5657-5670	10.1	74
204	Signaling and stress: The redox landscape in NOS2 biology. <i>Free Radical Biology and Medicine</i> , 2015 , 87, 204-25	7.8	82
203	Therapeutic targeting of the thrombospondin-1 receptor CD47 to treat liver cancer. <i>Journal of Cell Communication and Signaling</i> , 2015 , 9, 101-2	5.2	7
202	NOS Inhibition Modulates Immune Polarization and Improves Radiation-Induced Tumor Growth Delay. <i>Cancer Research</i> , 2015 , 75, 2788-99	10.1	37
201	CD47 Receptor Globally Regulates Metabolic Pathways That Control Resistance to Ionizing Radiation. <i>Journal of Biological Chemistry</i> , 2015 , 290, 24858-74	5.4	45
200	Tipping off endothelial tubes: nitric oxide drives tip cells. <i>Angiogenesis</i> , 2015 , 18, 175-89	10.6	29
199	CD47 Promotes Protective Innate and Adaptive Immunity in a Mouse Model of Disseminated Candidiasis. <i>PLoS ONE</i> , 2015 , 10, e0128220	3.7	23
198	CD47 signaling pathways controlling cellular differentiation and responses to stress. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2015 , 50, 212-30	8.7	91
197	CD47-dependent regulation of HB biosynthesis and signaling in T cells. <i>Methods in Enzymology</i> , 2015 , 555, 145-68	1.7	14
196	Hbr1 Activates and Represses Hyphal Growth in <i>Candida albicans</i> and Regulates Fungal Morphogenesis under Embedded Conditions. <i>PLoS ONE</i> , 2015 , 10, e0126919	3.7	4
195	CD47 signaling regulates the immunosuppressive activity of VEGF in T cells. <i>Journal of Immunology</i> , 2014 , 193, 3914-24	5.3	71
194	Mitochondria directly donate their membrane to form autophagosomes during a novel mechanism of parkin-associated mitophagy. <i>Cell and Bioscience</i> , 2014 , 4, 16	9.8	45
193	Thrombospondin-1 and CD47 signaling regulate healing of thermal injury in mice. <i>Matrix Biology</i> , 2014 , 37, 25-34	11.4	38
192	CD47-dependent immunomodulatory and angiogenic activities of extracellular vesicles produced by T cells. <i>Matrix Biology</i> , 2014 , 37, 49-59	11.4	83
191	Regulation of soluble guanylate cyclase by matricellular thrombospondins: implications for blood flow. <i>Frontiers in Physiology</i> , 2014 , 5, 134	4.6	24
190	CD47 in the tumor microenvironment limits cooperation between antitumor T-cell immunity and radiotherapy. <i>Cancer Research</i> , 2014 , 74, 6771-83	10.1	127
189	Abstract 2434: Therapeutic targeting of CD47 regulates cell bioenergetics and autophagy to reduce breast tumor growth and protect against anthracycline-mediated cardiac toxicity 2014 ,		2
188	Therapeutic opportunities for targeting the ubiquitous cell surface receptor CD47. <i>Expert Opinion on Therapeutic Targets</i> , 2013 , 17, 89-103	6.4	46

187	Thrombospondin-1 is a CD47-dependent endogenous inhibitor of hydrogen sulfide signaling in T cell activation. <i>Matrix Biology</i> , 2013 , 32, 316-24	11.4	44
186	Thrombospondin-1 signaling through CD47 inhibits self-renewal by regulating c-Myc and other stem cell transcription factors. <i>Scientific Reports</i> , 2013 , 3, 1673	4.9	90
185	MRI confirms loss of blood-brain barrier integrity in a mouse model of disseminated candidiasis. <i>NMR in Biomedicine</i> , 2013 , 26, 1125-34	4.4	20
184	Age-associated induction of cell membrane CD47 limits basal and temperature-induced changes in cutaneous blood flow. <i>Annals of Surgery</i> , 2013 , 258, 184-91	7.8	24
183	Blockade of CD47 increases survival of mice exposed to lethal total body irradiation. <i>Scientific Reports</i> , 2013 , 3, 1038	4.9	50
182	Thrombospondins and Their Receptors: Evolving Functions. <i>Biology of Extracellular Matrix</i> , 2013 , 221-242.6	2	
181	Programmable multivalent display of receptor ligands using peptide nucleic acid nanoscaffolds. <i>Nature Communications</i> , 2012 , 3, 614	17.4	83
180	The matricellular protein thrombospondin-1 globally regulates cardiovascular function and responses to stress via CD47. <i>Matrix Biology</i> , 2012 , 31, 162-9	11.4	83
179	Inhibitory signaling through signal regulatory protein-1 is not sufficient to explain the antitumor activities of CD47 antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E2842; author reply E2844-5	11.5	21
178	Urea amidolyase (DUR1,2) contributes to virulence and kidney pathogenesis of <i>Candida albicans</i> . <i>PLoS ONE</i> , 2012 , 7, e48475	3.7	24
177	Endogenous thrombospondin-1 regulates leukocyte recruitment and activation and accelerates death from systemic candidiasis. <i>PLoS ONE</i> , 2012 , 7, e48775	3.7	21
176	Activated CD47 regulates multiple vascular and stress responses: implications for acute kidney injury and its management. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 303, F1117-25	4.3	31
175	CD47 deficiency confers cell and tissue radioprotection by activation of autophagy. <i>Autophagy</i> , 2012 , 8, 1628-42	10.2	69
174	Hydrogen sulfide is an endogenous potentiator of T cell activation. <i>Journal of Biological Chemistry</i> , 2012 , 287, 4211-21	5.4	88
173	Thrombospondin-1 signaling via CD47 regulates T lymphocyte glycosaminoglycan biosynthesis. <i>FASEB Journal</i> , 2012 , 26, 607.3	0.9	
172	Hydrogen sulfide (H ₂ S) regulates hypoxic signaling in T cells. <i>FASEB Journal</i> , 2012 , 26, 758.6	0.9	
171	Lack of thrombospondin-1 increases tumorigenesis and decreases survival of in a new mouse model of colorectal cancer. <i>FASEB Journal</i> , 2012 , 26, lb433	0.9	
170	Thrombospondin-1 inhibition of vascular smooth muscle cell responses occurs via modulation of both cAMP and cGMP. <i>Pharmacological Research</i> , 2011 , 63, 13-22	10.2	43

169	sFRP-1 binds via its netrin-related motif to the N-module of thrombospondin-1 and blocks thrombospondin-1 stimulation of MDA-MB-231 breast carcinoma cell adhesion and migration. <i>Archives of Biochemistry and Biophysics</i> , 2011 , 509, 147-56	4.1	32
168	Age-dependent regulation of skeletal muscle mitochondria by the thrombospondin-1 receptor CD47. <i>Matrix Biology</i> , 2011 , 30, 154-61	11.4	48
167	Activate Rac to rescue new vessels. <i>Blood</i> , 2011 , 117, 1444-5	2.2	2
166	Emerging functions of matricellular proteins. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 3133-6	10.3	25
165	Dur3 is the major urea transporter in <i>Candida albicans</i> and is co-regulated with the urea amidolyase Dur1,2. <i>Microbiology (United Kingdom)</i> , 2011 , 157, 270-279	2.9	24
164	Heparan sulfate modification of the transmembrane receptor CD47 is necessary for inhibition of T cell receptor signaling by thrombospondin-1. <i>Journal of Biological Chemistry</i> , 2011 , 286, 14991-5002	5.4	62
163	ATP binding to hemoglobin response gene 1 protein is necessary for regulation of the mating type locus in <i>Candida albicans</i> . <i>Journal of Biological Chemistry</i> , 2011 , 286, 13914-24	5.4	1
162	Ribosomal RNA processing in <i>Candida albicans</i> . <i>Rna</i> , 2011 , 17, 2235-48	5.8	15
161	Therapeutic Targeting of CD47 to Modulate Tissue Responses to Ischemia and Radiation. <i>Journal of Genetic Syndromes & Gene Therapy</i> , 2011 , 2,		13
160	Matricellular Proteins 2011 , 369-413		7
159	Thrombospondin 1 accelerates VEGFR2 trafficking and directs towards lysosomes for degradation. <i>FASEB Journal</i> , 2011 , 25, 1091.10	0.9	2
158	Thrombospondin-1 is an inhibitor of pharmacological activation of soluble guanylate cyclase. <i>British Journal of Pharmacology</i> , 2010 , 159, 1542-7	8.6	41
157	Evolutionary aspects of urea utilization by fungi. <i>FEMS Yeast Research</i> , 2010 , 10, 209-213	3.1	31
156	A combinatorial approach for targeted delivery using small molecules and reversible masking to bypass nonspecific uptake in vivo. <i>Gene Therapy</i> , 2010 , 17, 1085-97	4	19
155	Nitric Oxide Signaling in Vascular Cells is Regulated through CD47 by Thrombospondin-1 2010 , 415-440		
154	Autotaxin signaling via lysophosphatidic acid receptors contributes to vascular endothelial growth factor-induced endothelial cell migration. <i>Molecular Cancer Research</i> , 2010 , 8, 309-21	6.6	51
153	Thrombospondin-1 inhibits VEGF receptor-2 signaling by disrupting its association with CD47. <i>Journal of Biological Chemistry</i> , 2010 , 285, 38923-32	5.4	145
152	The bell-shaped curve for peroxynitrite-mediated oxidation and nitration of NO/O ₂ ^{-*} is alive and well. <i>Journal of Biological Chemistry</i> , 2010 , 285, 1e15	5.4	8

151	Thrombospondin-1 supports blood pressure by limiting eNOS activation and endothelial-dependent vasorelaxation. <i>Cardiovascular Research</i> , 2010 , 88, 471-81	9.9	97
150	Dithiolethione modified valproate and diclofenac increase E-cadherin expression and decrease proliferation of non-small cell lung cancer cells. <i>Lung Cancer</i> , 2010 , 68, 154-60	5.9	31
149	Thiolutin inhibits endothelial cell adhesion by perturbing Hsp27 interactions with components of the actin and intermediate filament cytoskeleton. <i>Cell Stress and Chaperones</i> , 2010 , 15, 165-81	4	28
148	<i>Candida albicans</i> heme oxygenase and its product CO contribute to pathogenesis of candidemia and alter systemic chemokine and cytokine expression. <i>Free Radical Biology and Medicine</i> , 2010 , 49, 1561-73	7.8	30
147	Evolutionary aspects of urea utilization by fungi. <i>FEMS Yeast Research</i> , 2010 , 10, 209-13	3.1	21
146	Amyloid- β inhibits No-cGMP signaling in a CD36- and CD47-dependent manner. <i>PLoS ONE</i> , 2010 , 5, e15686	6.7	39
145	Protein expression profiling in the spectrum of renal cell carcinomas. <i>Journal of Cancer</i> , 2010 , 1, 184-96	4.5	20
144	Arginine-induced germ tube formation in <i>Candida albicans</i> is essential for escape from murine macrophage line RAW 264.7. <i>Infection and Immunity</i> , 2009 , 77, 1596-605	3.7	112
143	Proteomic Analysis of Formalin-Fixed Paraffin Embedded (FFPE) Samples: Pitfalls and Potentials. <i>Current Proteomics</i> , 2009 , 6, 122-139	0.7	2
142	Differential interactions of thrombospondin-1, -2, and -4 with CD47 and effects on cGMP signaling and ischemic injury responses. <i>Journal of Biological Chemistry</i> , 2009 , 284, 1116-25	5.4	106
141	Modulation of carcinogen metabolism by nitric oxide-aspirin 2 is associated with suppression of DNA damage and DNA adduct formation. <i>Journal of Biological Chemistry</i> , 2009 , 284, 22099-22107	5.4	16
140	Novel dithiolethione-modified nonsteroidal anti-inflammatory drugs in human hepatoma HepG2 and colon LS180 cells. <i>Clinical Cancer Research</i> , 2009 , 15, 1964-72	12.9	25
139	Radioprotection in normal tissue and delayed tumor growth by blockade of CD47 signaling. <i>Science Translational Medicine</i> , 2009 , 1, 3ra7	17.5	111
138	Regulation of nitric oxide signalling by thrombospondin 1: implications for anti-angiogenic therapies. <i>Nature Reviews Cancer</i> , 2009 , 9, 182-94	31.3	219
137	Dithiolethione compounds inhibit Akt signaling in human breast and lung cancer cells by increasing PP2A activity. <i>Oncogene</i> , 2009 , 28, 3837-46	9.2	38
136	Molecular regulation of tumor angiogenesis and perfusion via redox signaling. <i>Chemical Reviews</i> , 2009 , 109, 3099-124	68.1	92
135	Thrombospondin-1 and CD47 regulate blood pressure and cardiac responses to vasoactive stress. <i>Matrix Biology</i> , 2009 , 28, 110-9	11.4	82
134	Novel point mutations attenuate autotaxin activity. <i>Lipids in Health and Disease</i> , 2009 , 8, 4	4.4	5

133	Thrombospondin-1/CD47 blockade following ischemia-reperfusion injury is tissue protective. <i>Plastic and Reconstructive Surgery</i> , 2009 , 124, 1880-1889	2.7	51
132	The chemical biology of nitric oxide: implications in cellular signaling. <i>Free Radical Biology and Medicine</i> , 2008 , 45, 18-31	7.8	656
131	Differential effects of ABT-510 and a CD36-binding peptide derived from the type 1 repeats of thrombospondin-1 on fatty acid uptake, nitric oxide signaling, and caspase activation in vascular cells. <i>Biochemical Pharmacology</i> , 2008 , 75, 875-82	6	30
130	Treatment of liver ischemia-reperfusion injury by limiting thrombospondin-1/CD47 signaling. <i>Surgery</i> , 2008 , 144, 752-61	3.6	65
129	TSG-6 binds via its CUB_C domain to the cell-binding domain of fibronectin and increases fibronectin matrix assembly. <i>Matrix Biology</i> , 2008 , 27, 201-10	11.4	32
128	Calcium indirectly regulates immunochemical reactivity and functional activities of the N-domain of thrombospondin-1. <i>Matrix Biology</i> , 2008 , 27, 339-51	11.4	18
127	Molecular mechanisms for discrete nitric oxide levels in cancer. <i>Nitric Oxide - Biology and Chemistry</i> , 2008 , 19, 73-6	5	138
126	Thrombospondin-1 and CD47 limit cell and tissue survival of radiation injury. <i>American Journal of Pathology</i> , 2008 , 173, 1100-12	5.8	65
125	Thrombospondin 1 and vasoactive agents indirectly alter tumor blood flow. <i>Neoplasia</i> , 2008 , 10, 886-96	6.4	34
124	Comprehensive characterization of heat shock protein 27 phosphorylation in human endothelial cells stimulated by the microbial dithiole thiolutin. <i>Journal of Proteome Research</i> , 2008 , 7, 4384-95	5.6	20
123	Thrombospondin 1 promotes tumor macrophage recruitment and enhances tumor cell cytotoxicity of differentiated U937 cells. <i>Cancer Research</i> , 2008 , 68, 7090-9	10.1	88
122	Positive feedback between vascular endothelial growth factor-A and autotaxin in ovarian cancer cells. <i>Molecular Cancer Research</i> , 2008 , 6, 352-63	6.6	58
121	CD47: a new target in cardiovascular therapy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 615-21	9.4	38
120	Thrombospondin-1 stimulates platelet aggregation by blocking the antithrombotic activity of nitric oxide/cGMP signaling. <i>Blood</i> , 2008 , 111, 613-23	2.2	139
119	Blockade of thrombospondin-1-CD47 interactions prevents necrosis of full thickness skin grafts. <i>Annals of Surgery</i> , 2008 , 247, 180-90	7.8	72
118	Gene silencing of CD47 and antibody ligation of thrombospondin-1 enhance ischemic tissue survival in a porcine model: implications for human disease. <i>Annals of Surgery</i> , 2008 , 247, 860-8	7.8	49
117	Thrombospondins: from structure to therapeutics. <i>Cellular and Molecular Life Sciences</i> , 2008 , 65, 669-71	10.3	16
116	Thrombospondin-1: a physiological regulator of nitric oxide signaling. <i>Cellular and Molecular Life Sciences</i> , 2008 , 65, 728-42	10.3	94

115	Silencing of directional migration in roundabout4 knockdown endothelial cells. <i>BMC Cell Biology</i> , 2008 , 9, 61		34
114	Enhancing cardiovascular dynamics by inhibition of thrombospondin-1/CD47 signaling. <i>Current Drug Targets</i> , 2008 , 9, 833-41	3	19
113	Induction of a high affinity fibronectin receptor in <i>Candida albicans</i> by caspofungin: requirements for beta (1,6) glucans and the developmental regulator Hbr1p. <i>Medical Mycology</i> , 2007 , 45, 157-68	3.9	4
112	Sphingosine-1-phosphate initiates rapid retraction of pseudopodia by localized RhoA activation. <i>Cellular Signalling</i> , 2007 , 19, 1328-38	4.9	8
111	Increasing survival of ischemic tissue by targeting CD47. <i>Circulation Research</i> , 2007 , 100, 712-20	15.7	102
110	Hemoglobin is an effective inducer of hyphal differentiation in <i>Candida albicans</i> . <i>Medical Mycology</i> , 2007 , 45, 61-71	3.9	13
109	Interaction of alpha9beta1 integrin with thrombospondin-1 promotes angiogenesis. <i>Circulation Research</i> , 2007 , 100, 1308-16	15.7	99
108	Thrombospondin-1 inhibits nitric oxide signaling via CD36 by inhibiting myristic acid uptake. <i>Journal of Biological Chemistry</i> , 2007 , 282, 15404-15	5.4	102
107	Blocking thrombospondin-1/CD47 signaling alleviates deleterious effects of aging on tissue responses to ischemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 2582-8	9.4	78
106	Thrombospondin-1 limits ischemic tissue survival by inhibiting nitric oxide-mediated vascular smooth muscle relaxation. <i>Blood</i> , 2007 , 109, 1945-52	2.2	99
105	Nitric oxide and its gatekeeper thrombospondin-1 in tumor angiogenesis. <i>Clinical Cancer Research</i> , 2007 , 13, 795-8	12.9	50
104	Trichostatin A and 5-aza-2Rdeoxycytidine switch S1P from an inhibitor to a stimulator of motility through epigenetic regulation of S1P receptors. <i>Cancer Letters</i> , 2007 , 250, 53-62	9.9	9
103	Modulation of angiogenesis by dithiolethione-modified NSAIDs and valproic acid. <i>British Journal of Pharmacology</i> , 2007 , 151, 142-151	8.6	63
102	Nitric oxide regulates matrix metalloproteinase-9 activity by guanylyl-cyclase-dependent and -independent pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 16898-903	11.5	163
101	Increased Ischemic Tissue Survival through Targeting Thrombospondin-1. <i>FASEB Journal</i> , 2007 , 21, A11	0.9	
100	Protein expression profiling in the spectrum of renal tumors. <i>FASEB Journal</i> , 2007 , 21, A181	0.9	
99	Guanylyl cyclase-dependent chemotaxis of endothelial cells in response to nitric oxide gradients. <i>Free Radical Biology and Medicine</i> , 2006 , 40, 1028-33	7.8	18
98	The Chemistry of Protein Modifications Elicited by Nitric Oxide and Related Nitrogen Oxides 2006 , 25-58		4

97	Versican-thrombospondin-1 binding in vitro and colocalization in microfibrils induced by inflammation on vascular smooth muscle cells. <i>Journal of Cell Science</i> , 2006 , 119, 4499-509	5.3	44
96	Thrombospondin-1 antagonizes nitric oxide-stimulated vascular smooth muscle cell responses. <i>Cardiovascular Research</i> , 2006 , 71, 785-93	9.9	93
95	CD47 is necessary for inhibition of nitric oxide-stimulated vascular cell responses by thrombospondin-1. <i>Journal of Biological Chemistry</i> , 2006 , 281, 26069-80	5.4	196
94	Superoxide fluxes limit nitric oxide-induced signaling. <i>Journal of Biological Chemistry</i> , 2006 , 281, 25984-93	5.4	94
93	The biphasic nature of nitric oxide responses in tumor biology. <i>Antioxidants and Redox Signaling</i> , 2006 , 8, 1329-37	8.4	187
92	The activation of metabolites of nitric oxide synthase by metals is both redox and oxygen dependent: a new feature of nitrogen oxide signaling. <i>Antioxidants and Redox Signaling</i> , 2006 , 8, 1363-71	8.4	25
91	Conformational analysis of an alpha3beta1 integrin-binding peptide from thrombospondin-1: implications for antiangiogenic drug design. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 6324-33	8.3	10
90	Proteomic identification of new biomarkers and application in thyroid cytology. <i>Acta Cytologica</i> , 2006 , 50, 518-28	3	44
89	Type I collagen is a molecular target for inhibition of angiogenesis by endogenous thrombospondin-1. <i>Oncogene</i> , 2006 , 25, 536-45	9.2	34
88	Induction of versican-thrombospondin-1 complexes during endoplasmic reticulum stress on vascular smooth muscle cells. <i>FASEB Journal</i> , 2006 , 20, A516	0.9	
87	Endogenous thrombospondin-1 is not necessary for proliferation but is permissive for vascular smooth muscle cell responses to platelet-derived growth factor. <i>Matrix Biology</i> , 2005 , 24, 110-23	11.4	50
86	Endothelial monocyte activating polypeptide-II induced gene expression changes in endothelial cells. <i>Cytokine</i> , 2005 , 30, 347-58	4	25
85	Nitric oxide in wound-healing. <i>Microsurgery</i> , 2005 , 25, 442-51	2.1	82
84	The N-terminal module of thrombospondin-1 interacts with the link domain of TSG-6 and enhances its covalent association with the heavy chains of inter-alpha-trypsin inhibitor. <i>Journal of Biological Chemistry</i> , 2005 , 280, 30899-908	5.4	33
83	Novel integrin antagonists derived from thrombospondins. <i>Current Pharmaceutical Design</i> , 2005 , 11, 849-66	3.3	26
82	Thrombospondin-1 inhibits endothelial cell responses to nitric oxide in a cGMP-dependent manner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 13141-6	11.5	210
81	Nitric oxide regulates angiogenesis through a functional switch involving thrombospondin-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 13147-52	11.5	228
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