

Robert J D'amato

List of Publications by Year in descending order

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68
papers

4,910
citations

94433

37
h-index

91884

69
g-index

69
all docs

69
docs citations

69
times ranked

5605
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiogenic responses in a 3D micro-engineered environment of primary endothelial cells and pericytes. <i>Angiogenesis</i> , 2021, 24, 111-127.	7.2	27
2	Identification of <i>Basp1</i> as a novel angiogenesis-regulating gene by multi-model system studies. <i>FASEB Journal</i> , 2021, 35, e21404.	0.5	6
3	The Prominin-1-Derived Peptide Improves Cardiac Function Following Ischemia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5169.	4.1	5
4	Low dose amiodarone reduces tumor growth and angiogenesis. <i>Scientific Reports</i> , 2020, 10, 18034.	3.3	4
5	MicroRNA-18a-5p Administration Suppresses Retinal Neovascularization by Targeting FGF1 and HIF1A. <i>Frontiers in Pharmacology</i> , 2020, 11, 276.	3.5	24
6	A Method for Developing Novel 3D Cornea-on-a-Chip Using Primary Murine Corneal Epithelial and Endothelial Cells. <i>Frontiers in Pharmacology</i> , 2020, 11, 453.	3.5	19
7	PR1P ameliorates neurodegeneration through activation of VEGF signaling pathway and remodeling of the extracellular environment. <i>Neuropharmacology</i> , 2019, 148, 96-106.	4.1	15
8	Epsin deficiency promotes lymphangiogenesis through regulation of VEGFR3 degradation in diabetes. <i>Journal of Clinical Investigation</i> , 2018, 128, 4025-4043.	8.2	52
9	A novel strategy to enhance angiogenesis in vivo using the small VEGF-binding peptide PR1P. <i>Angiogenesis</i> , 2017, 20, 399-408.	7.2	43
10	Identification of <i>Padi2</i> as a novel angiogenesis-regulating gene by genome association studies in mice. <i>PLoS Genetics</i> , 2017, 13, e1006848.	3.5	8
11	Cellular mechanism of oral absorption of solidified polymer micelles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1993-2002.	3.3	17
12	Melanocyte pigmentation inversely correlates with MCP-1 production and angiogenesis-inducing potential. <i>FASEB Journal</i> , 2015, 29, 662-670.	0.5	27
13	Characterization of a Spontaneous Retinal Neovascular Mouse Model. <i>PLoS ONE</i> , 2014, 9, e106507.	2.5	32
14	The Corneal Micropocket Assay: A Model of Angiogenesis in the Mouse Eye. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	17
15	Melanocyte-secreted fibromodulin promotes an angiogenic microenvironment. <i>Journal of Clinical Investigation</i> , 2014, 124, 425-436.	8.2	68
16	Vascular endothelial growth factor C is increased in endometrium and promotes endothelial functions, vascular permeability and angiogenesis and growth of endometriosis. <i>Angiogenesis</i> , 2013, 16, 541-551.	7.2	41
17	The albino mutation of tyrosinase alters ocular angiogenic responsiveness. <i>Angiogenesis</i> , 2013, 16, 639-646.	7.2	7
18	The stem cell marker prominin-1/CD133 interacts with vascular endothelial growth factor and potentiates its action. <i>Angiogenesis</i> , 2013, 16, 405-416.	7.2	42

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19	Pomalidomide is strongly antiangiogenic and teratogenic in relevant animal models. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4818-E4818.	7.1	6
20	Suppression of Autoimmune Retinal Inflammation by an Antiangiogenic Drug. PLoS ONE, 2013, 8, e66219.	2.5	6
21	Common Polymorphisms in Angiogenesis. Cold Spring Harbor Perspectives in Medicine, 2012, 2, a006510-a006510.	6.2	19
22	VEGF, PF4 and PDGF are elevated in platelets of colorectal cancer patients. Angiogenesis, 2012, 15, 265-273.	7.2	192
23	The Classical Pink-Eyed Dilution Mutation Affects Angiogenic Responsiveness. PLoS ONE, 2012, 7, e35237.	2.5	9
24	Circulating Endothelial Progenitor Cells Are Up-Regulated in a Mouse Model of Endometriosis. American Journal of Pathology, 2011, 178, 1782-1791.	3.8	67
25	Green tea epigallocatechin-3-gallate inhibits angiogenesis and suppresses vascular endothelial growth factor C/vascular endothelial growth factor receptor 2 expression and signaling in experimental endometriosis in vivo. Fertility and Sterility, 2011, 96, 1021-1028.e1.	1.0	81
26	Angiogenesis in Wounds Treated by Microdeformational Wound Therapy. Annals of Surgery, 2011, 253, 402-409.	4.2	171
27	A Morphometric Study of Mechanotransductively Induced Dermal Neovascularization. Plastic and Reconstructive Surgery, 2011, 128, 288e-299e.	1.4	20
28	Forty-Year Journey of Angiogenesis Translational Research. Science Translational Medicine, 2011, 3, 114rv3.	12.4	181
29	Broad Spectrum Antiangiogenic Treatment for Ocular Neovascular Diseases. PLoS ONE, 2010, 5, e12515.	2.5	23
30	Genetic loci that control the size of laser-induced choroidal neovascularization. FASEB Journal, 2009, 23, 2235-2243.	0.5	15
31	An orally delivered small-molecule formulation with antiangiogenic and anticancer activity. Nature Biotechnology, 2008, 26, 799-807.	17.5	165
32	2-Methoxyestradiol Inhibits Hypoxia-Inducible Factor-1 α and Suppresses Growth of Lesions in a Mouse Model of Endometriosis. American Journal of Pathology, 2008, 172, 534-544.	3.8	138
33	Chronic Suppression of Angiogenesis following Radiation Exposure Is Independent of Hematopoietic Reconstitution. Cancer Research, 2007, 67, 2040-2045.	0.9	22
34	Mutant Anthrax Toxin B Moiety (Protective Antigen) Inhibits Angiogenesis and Tumor Growth. Cancer Research, 2007, 67, 9980-9985.	0.9	33
35	Angiogenesis and antiangiogenic therapy in endometriosis. Microvascular Research, 2007, 74, 121-130.	2.5	105
36	The mouse cornea micropocket angiogenesis assay. Nature Protocols, 2007, 2, 2545-2550.	12.0	113

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37	A Novel Noninvasive Model of Endometriosis for Monitoring the Efficacy of Antiangiogenic Therapy. <i>American Journal of Pathology</i> , 2006, 168, 2074-2084.	3.8	76
38	The effect of genetic diversity on angiogenesis. <i>Experimental Cell Research</i> , 2006, 312, 561-574.	2.6	66
39	Antiangiogenic effect of oral 2-methoxyestradiol on choroidal neovascularization in mice. <i>Experimental Eye Research</i> , 2006, 83, 1102-1107.	2.6	14
40	Short synthetic endostatin peptides inhibit endothelial migration in vitro and endometriosis in a mouse model. <i>Fertility and Sterility</i> , 2006, 85, 71-77.	1.0	62
41	Analysis of tumor-associated stromal cells using SCID GFP transgenic mice: contribution of local and bone marrow-derived host cells. <i>FASEB Journal</i> , 2006, 20, 95-102.	0.5	72
42	Genetic heterogeneity of the vasculogenic phenotype parallels angiogenesis. <i>Cancer Cell</i> , 2005, 7, 101-111.	16.8	332
43	X-Linked Dominant Growth Suppression of Transplanted Tumors in C57BL/6J-scid Mice. <i>Cancer Research</i> , 2005, 65, 5690-5695.	0.9	5
44	Nonsteroidal antiinflammatory drugs differentially suppress endometriosis in a murine model. <i>Fertility and Sterility</i> , 2005, 83, 171-181.	1.0	85
45	Genetic loci that control the angiogenic response to basic response to basic fibroblast growth factor. <i>FASEB Journal</i> , 2004, 18, 1050-1059.	0.5	40
46	Exogenous control of mammalian gene expression through modulation of RNA self-cleavage. <i>Nature</i> , 2004, 431, 471-476.	27.8	263
47	Genetic loci that control vascular endothelial growth factor-induced angiogenesis. <i>FASEB Journal</i> , 2003, 17, 1-18.	0.5	54
48	Persistence of microscopic human cancers in mice: alterations in the angiogenic balance accompanies loss of tumor dormancy. <i>FASEB Journal</i> , 2002, 16, 1361-1370.	0.5	139
49	Injection of Antiangiogenic Agents into the Macaque Preovulatory Follicle. <i>Endocrine</i> , 2002, 17, 199-206.	2.2	44
50	S-3-Amino-phthalimido-glutarimide inhibits angiogenesis and growth of B-cell neoplasias in mice. <i>Cancer Research</i> , 2002, 62, 2300-5.	0.9	73
51	Intrachoroidal Neovascularization in Transgenic Mice Overexpressing Vascular Endothelial Growth Factor in the Retinal Pigment Epithelium. <i>American Journal of Pathology</i> , 2001, 158, 1161-1172.	3.8	206
52	Strain-dependent anterior segment neovascularization following intravitreal gene transfer of basic fibroblast growth factor (bFGF). <i>Journal of Gene Medicine</i> , 2001, 3, 252-259.	2.8	17
53	Mechanism of action of thalidomide and 3-aminothalidomide in multiple myeloma. <i>Seminars in Oncology</i> , 2001, 28, 597-601.	2.2	66
54	Genetic heterogeneity of angiogenesis in mice. <i>FASEB Journal</i> , 2000, 14, 871-876.	0.5	216

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55	Long-term remission of Crohn's disease treated with thalidomide: a seminal case report. <i>Angiogenesis</i> , 1999, 3, 201-204.	7.2	16
56	The antiangiogenic agents TNP-470 and 2-methoxyestradiol inhibit the growth of angiosarcoma in mice. <i>Journal of the American Academy of Dermatology</i> , 1999, 40, 925-929.	1.2	42
57	Treatment of the Kasabach-Merritt Syndrome with Pegylated Recombinant Human Megakaryocyte Growth and Development Factor in Mice: Elevated Platelet Counts, Prolonged Survival, and Tumor Growth Inhibition. <i>Pediatric Research</i> , 1999, 46, 562-562.	2.3	20
58	Effects of Thalidomide and Related Metabolites in a Mouse Corneal Model of Neovascularization. <i>Experimental Eye Research</i> , 1997, 64, 971-978.	2.6	430
59	Critical components of the female reproductive pathway are suppressed by the angiogenesis inhibitor AGM-1470. <i>Nature Medicine</i> , 1997, 3, 443-446.	30.7	178
60	Interactions of 2-Methoxyestradiol, an Endogenous Mammalian Metabolite, with Unpolymerized Tubulin and with Tubulin Polymers. <i>Biochemistry</i> , 1996, 35, 1304-1310.	2.5	84
61	Experimental corneal neovascularisation using sucralfate and basic fibroblast growth factor. <i>Australian and New Zealand Journal of Ophthalmology</i> , 1996, 24, 289-295.	0.4	31
62	New Activity of Spironolactone. <i>Circulation</i> , 1996, 94, 2566-2571.	1.6	54
63	II. Neuromelanin: A role in MPTP-induced neurotoxicity. <i>Life Sciences</i> , 1987, 40, 705-712.	4.3	30
64	Evidence for neuromelanin involvement in MPTP-induced neurotoxicity. <i>Nature</i> , 1987, 327, 324-326.	27.8	109
65	Characterization of the Binding of N-Methyl-4-Phenylpyridine, the Toxic Metabolite of the Parkinsonian Neurotoxin N-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine, to Neuromelanin. <i>Journal of Neurochemistry</i> , 1987, 48, 653-658.	3.9	45
66	M 154, 129, a putative delta antagonist, reverses endotoxic shock without altering morphine analgesia. <i>Life Sciences</i> , 1982, 31, 2209-2212.	4.3	34
67	Naloxone or TRH fails to improve neurologic deficits in gerbil models of "stroke". <i>Life Sciences</i> , 1982, 31, 385-392.	4.3	86
68	Naloxone and Ischemic Neurologic Deficits in the Gerbil: Is There an Effect?. <i>Science</i> , 1982, 218, 592-594.	12.6	3