Sasha Bogdanovich

List of Publications by Year
in descending order

26 papers	3,970 citations	279798 23 h-index	580821 25 g-index
26 all docs	26 docs citations	26 times ranked	4695 citing authors

#	Article	IF	Citations
1	Functional improvement of dystrophic muscle by myostatin blockade. Nature, 2002, 420, 418-421.	27.8	748
2	Corneal avascularity is due to soluble VEGF receptor-1. Nature, 2006, 443, 993-997.	27.8	605
3	DICER1 deficit induces Alu RNA toxicity in age-related macular degeneration. Nature, 2011, 471, 325-330.	27.8	573
4	DICER1 Loss and Alu RNA Induce Age-Related Macular Degeneration via the NLRP3 Inflammasome and MyD88. Cell, 2012, 149, 847-859.	28.9	526
5	Myostatin propeptideâ€mediated amelioration of dystrophic pathophysiology. FASEB Journal, 2005, 19, 543-549.	0.5	219
6	Biglycan recruits utrophin to the sarcolemma and counters dystrophic pathology in mdx mice. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 762-767.	7.1	134
7	Heregulin ameliorates the dystrophic phenotype in mdx mice. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 13856-13860.	7.1	112
8	Targeting the Activin Type IIB Receptor to Improve Muscle Mass and Function in the mdx Mouse Model of Duchenne Muscular Dystrophy. American Journal of Pathology, 2011, 178, 1287-1297.	3.8	99
9	ERK1/2 activation is a therapeutic target in age-related macular degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13781-13786.	7.1	98
10	Expression profiling reveals metabolic and structural components of extraocular muscles. Physiological Genomics, 2002, 9, 71-84.	2.3	94
11	Therapeutics for Duchenne muscular dystrophy: current approaches and future directions. Journal of Molecular Medicine, 2004, 82, 102-115.	3.9	91
12	Short-interfering RNAs Induce Retinal Degeneration via TLR3 and IRF3. Molecular Therapy, 2012, 20, 101-108.	8.2	86
13	DICER1/ <i>Alu</i> RNA dysmetabolism induces Caspase-8â€"mediated cell death in age-related macular degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16082-16087.	7.1	79
14	Loss of IL-15 receptor Î± alters the endurance, fatigability, and metabolic characteristics of mouse fast skeletal muscles. Journal of Clinical Investigation, 2011, 121, 3120-3132.	8.2	72
15	Myostatin blockade improves function but not histopathology in a murine model of limbâ€girdle muscular dystrophy 2C. Muscle and Nerve, 2008, 37, 308-316.	2.2	66
16	COL6A3 Protein Deficiency in Mice Leads to Muscle and Tendon Defects Similar to Human Collagen VI Congenital Muscular Dystrophy. Journal of Biological Chemistry, 2013, 288, 14320-14331.	3.4	58
17	Overexpression of Latent TGFÎ² Binding Protein 4 in Muscle Ameliorates Muscular Dystrophy through Myostatin and TGFÎ². PLoS Genetics, 2016, 12, e1006019.	3.5	56
18	Targeting latent TGFÎ² release in muscular dystrophy. Science Translational Medicine, 2014, 6, 259ra144.	12.4	41

#	ARTICLE	IF	CITATIONS
19	IL-18 is not therapeutic for neovascular age-related macular degeneration. Nature Medicine, 2014, 20, 1372-1375.	30.7	37
20	A Mouse Model for Dominant Collagen VI Disorders. Journal of Biological Chemistry, 2014, 289, 10293-10307.	3.4	35
21	Excess SMAD signaling contributes to heart and muscle dysfunction in muscular dystrophy. Human Molecular Genetics, 2014, 23, 6722-6731.	2.9	32
22	Layer-specific differences of gene expression in extraocular muscles identified by laser-capture microscopy. Physiological Genomics, 2004, 20, 55-65.	2.3	28
23	Transcriptional and functional differences in stem cell populations isolated from extraocular and limb muscles. Physiological Genomics, 2009, 37, 35-42.	2.3	25
24	Structural details of rat extraocular muscles and three-dimensional reconstruction of the rat inferior rectus muscle and muscle-pulley interface. Vision Research, 2005, 45, 1945-1955.	1.4	20
25	Identification and Characterization of Layer-Specific Differences in Extraocular Muscle M-Bands. , 2007, 48, 1119.		20
26	Differential Expression of Utrophinâ€A and â€B Promoters in the Central Nervous System (CNS) of Normal and Dystrophic <i>mdx</i> Mice. Brain Pathology, 2010, 20, 323-342.	4.1	16