Arja Pasternack

List of Publications by Citations

28 papers	554 citations	12 h-index	23 g-index
30 ext. papers	788 ext. citations	6.5 avg, IF	3.43 L-index

#	Paper	IF	Citations
28	COVID-19 mRNA vaccine induced antibody responses against three SARS-CoV-2 variants. *Nature Communications*, **2021**, 12, 3991	17.4	110
27	Muscle protein synthesis, mTORC1/MAPK/Hippo signaling, and capillary density are altered by blocking of myostatin and activins. *American Journal of Physiology - Endocrinology and Metabolism*, **2013**, 304, E41-50	6	65
26	Regulation of Angiopoietin-Like Proteins (ANGPTLs) 3 and 8 by Insulin. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, E1299-307	5.6	58
25	Enhanced exercise and regenerative capacity in a mouse model that violates size constraints of oxidative muscle fibres. *ELife*, **2016**, 5,	8.9	39
24	Activin-A overexpression in the murine lung causes pathology that simulates acute respiratory distress syndrome. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 185, 382-91	10.2	35
23	Exercise restores decreased physical activity levels and increases markers of autophagy and oxidative capacity in myostatin/activin-blocked mdx mice. *American Journal of Physiology - Endocrinology and Metabolism*, **2013**, 305, E171-82	6	35
22	Inhibition of Activin Signaling Slows Progression of Polycystic Kidney Disease. *Journal of the American Society of Nephrology: JASN*, **2016**, 27, 3589-3599	12.7	35
21	Overexpression of activin-A and -B in malignant mesothelioma - attenuated Smad3 signaling responses and ERK activation promote cell migration and invasive growth. *Experimental Cell Research*, **2015**, 332, 102-15	4.2	20
20	Treatment with soluble activin type IIB-receptor improves bone mass and strength in a mouse model of Duchenne muscular dystrophy. *BMC Musculoskeletal Disorders*, **2017**, 18, 20	2.8	20
19	Myostatin/activin blocking combined with exercise reconditions skeletal muscle expression profile of mdx mice. *Molecular and Cellular Endocrinology*, **2015**, 399, 131-42	4.4	18
18	Systemic Blockade of ACVR2B Ligands Protects Myocardium from Acute Ischemia-Reperfusion Injury. *Molecular Therapy*, **2019**, 27, 600-610	11.7	16
17	Compression of morbidity in a progeroid mouse model through the attenuation of myostatin/activin signalling. *Journal of Cachexia, Sarcopenia and Muscle*, **2019**, 10, 662-686	10.3	12
16	Activin A contributes to the development of hyperoxia-induced lung injury in neonatal mice. *Pediatric Research*, **2015**, 77, 749-56	3.2	11
15	Differentiation of Murine C2C12 Myoblasts Strongly Reduces the Effects of Myostatin on Intracellular Signaling. *Biomolecules*, **2020**, 10,	5.9	11
14	A Combination of N and S Antigens With IgA and IgG Measurement Strengthens the Accuracy of SARS-CoV-2 Serodiagnostics. *Journal of Infectious Diseases*, **2021**, 224, 218-228	7	10
13	Oncogene-Induced Senescence Limits the Progression of Pancreatic Neoplasia through Production of Activin A. *Cancer Research*, **2020**, 80, 3359-3371	10.1	8
12	Transglutaminase 2-specific coeliac disease autoantibodies induce morphological changes and signs of inflammation in the small-bowel mucosa of mice. *Amino Acids*, **2017**, 49, 529-540	3.5	8

11	Pro-cachectic factors link experimental and human chronic kidney disease to skeletal muscle wasting programs. *Journal of Clinical Investigation*, **2021**, 131,	15.9	7
10	Activin Receptor Ligand Blocking and Cancer Have Distinct Effects on Protein and Redox Homeostasis in Skeletal Muscle and Liver. *Frontiers in Physiology*, **2018**, 9, 1917	4.6	6
9	The Activin/Follistatin Axis Is Severely Deregulated in COVID-19 and Independently Associated With In-Hospital Mortality. *Journal of Infectious Diseases*, **2021**, 223, 1544-1554	7	6
8	Inhibition of Activin/Myostatin signalling induces skeletal muscle hypertrophy but impairs mouse testicular development. *European Journal of Translational Myology*, **2020**, 30, 8737	2.1	5
7	Activin inhibition limits early innate immune response in rat kidney allografts-a pilot study. *Transplant International*, **2017**, 30, 96-107	3	5
6	Systemic blockade of ACVR2B ligands attenuates muscle wasting in ischemic heart failure without compromising cardiac function. *FASEB Journal*, **2020**, 34, 9911-9924	0.9	4
5	Diminution in sperm quantity and quality in mouse models of Duchenne Muscular Dystrophy induced by a myostatin-based muscle growth-promoting intervention. *European Journal of Translational Myology*, **2020**, 30, 8904	2.1	3
4	Muscle follistatin gene delivery increases muscle protein synthesis independent of periodical physical inactivity and fasting. *FASEB Journal*, **2021**, 35, e21387	0.9	3
3	Comparative analysis of COVID-19 vaccine responses and third booster dose-induced neutralizing antibodies against Delta and Omicron variants.. *Nature Communications*, **2022**, 13, 2476	17.4	3
2	A muscle growth-promoting treatment based on the attenuation of activin/myostatin signalling results in long-term testicular abnormalities. *DMM Disease Models and Mechanisms*, **2021**, 14,	4.1	1
1	Blocking of myostatin and activins increase muscle protein synthesis and mTORC1 signaling but decreases capillary density. *FASEB Journal*, **2012**, 26, 1075.2	0.9	