

Arja Pasternack

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

913
citations

516215

16
h-index

525886

27
g-index

30
all docs

30
docs citations

30
times ranked

1908
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 mRNA vaccine induced antibody responses against three SARS-CoV-2 variants. <i>Nature Communications</i> , 2021, 12, 3991.	5.8	241
2	Muscle protein synthesis, mTORC1/MAPK/Hippo signaling, and capillary density are altered by blocking of myostatin and activins. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E41-E50.	1.8	76
3	Regulation of Angiopoietin-Like Proteins (ANGPTLs) 3 and 8 by Insulin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E1299-E1307.	1.8	72
4	Activin-A Overexpression in the Murine Lung Causes Pathology That Simulates Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 382-391.	2.5	48
5	Enhanced exercise and regenerative capacity in a mouse model that violates size constraints of oxidative muscle fibres. <i>ELife</i> , 2016, 5, .	2.8	47
6	Comparative analysis of COVID-19 vaccine responses and third booster dose-induced neutralizing antibodies against Delta and Omicron variants. <i>Nature Communications</i> , 2022, 13, 2476.	5.8	43
7	Inhibition of Activin Signaling Slows Progression of Polycystic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3589-3599.	3.0	42
8	Exercise restores decreased physical activity levels and increases markers of autophagy and oxidative capacity in myostatin/activin-blocked mdx mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E171-E182.	1.8	38
9	Pro-cachectic factors link experimental and human chronic kidney disease to skeletal muscle wasting programs. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	34
10	Overexpression of activin-A and -B in malignant mesothelioma “Attenuated Smad3 signaling responses and ERK activation promote cell migration and invasive growth. <i>Experimental Cell Research</i> , 2015, 332, 102-115.	1.2	26
11	Systemic Blockade of ACVR2B Ligands Protects Myocardium from Acute Ischemia-Reperfusion Injury. <i>Molecular Therapy</i> , 2019, 27, 600-610.	3.7	25
12	A Combination of N and S Antigens With IgA and IgG Measurement Strengthens the Accuracy of SARS-CoV-2 Serodiagnostics. <i>Journal of Infectious Diseases</i> , 2021, 224, 218-228.	1.9	25
13	Treatment with soluble activin type IIB-receptor improves bone mass and strength in a mouse model of Duchenne muscular dystrophy. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 20.	0.8	23
14	Compression of morbidity in a progeroid mouse model through the attenuation of myostatin/activin signalling. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 662-686.	2.9	22
15	Myostatin/activin blocking combined with exercise reconditions skeletal muscle expression profile of mdx mice. <i>Molecular and Cellular Endocrinology</i> , 2015, 399, 131-142.	1.6	21
16	Oncogene-Induced Senescence Limits the Progression of Pancreatic Neoplasia through Production of Activin A. <i>Cancer Research</i> , 2020, 80, 3359-3371.	0.4	20
17	Differentiation of Murine C2C12 Myoblasts Strongly Reduces the Effects of Myostatin on Intracellular Signaling. <i>Biomolecules</i> , 2020, 10, 695.	1.8	18
18	The Activin/Follistatin Axis Is Severely Deregulated in COVID-19 and Independently Associated With In-Hospital Mortality. <i>Journal of Infectious Diseases</i> , 2021, 223, 1544-1554.	1.9	16

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19	Activin inhibition limits early innate immune response in rat kidney allografts-a pilot study. <i>Transplant International</i> , 2017, 30, 96-107.	0.8	15
20	Activin A contributes to the development of hyperoxia-induced lung injury in neonatal mice. <i>Pediatric Research</i> , 2015, 77, 749-756.	1.1	13
21	Transglutaminase 2-specific coeliac disease autoantibodies induce morphological changes and signs of inflammation in the small-bowel mucosa of mice. <i>Amino Acids</i> , 2017, 49, 529-540.	1.2	12
22	Muscle follistatin gene delivery increases muscle protein synthesis independent of periodical physical inactivity and fasting. <i>FASEB Journal</i> , 2021, 35, e21387.	0.2	9
23	Activin Receptor Ligand Blocking and Cancer Have Distinct Effects on Protein and Redox Homeostasis in Skeletal Muscle and Liver. <i>Frontiers in Physiology</i> , 2019, 9, 1917.	1.3	8
24	Inhibition of Activin/Myostatin signalling induces skeletal muscle hypertrophy but impairs mouse testicular development. <i>European Journal of Translational Myology</i> , 2020, 30, 62-78.	0.8	7
25	Systemic blockade of ACVR2B ligands attenuates muscle wasting in ischemic heart failure without compromising cardiac function. <i>FASEB Journal</i> , 2020, 34, 9911-9924.	0.2	6
26	Diminution in sperm quantity and quality in mouse models of Duchenne Muscular Dystrophy induced by a myostatin-based muscle growth-promoting intervention. <i>European Journal of Translational Myology</i> , 2020, 30, 8904.	0.8	3
27	A muscle growth-promoting treatment based on the attenuation of activin/myostatin signalling results in long-term testicular abnormalities. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	1.2	1
28	Blocking of myostatin and activins increase muscle protein synthesis and mTORC1 signaling but decreases capillary density. <i>FASEB Journal</i> , 2012, 26, 1075.2.	0.2	0