

Arja Pasternack

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.

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	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	17.4	3
27	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	7	10
26	Pro-cachectic factors link experimental and human chronic kidney disease to skeletal muscle wasting programs. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	7
25	COVID-19 mRNA vaccine induced antibody responses against three SARS-CoV-2 variants. <i>Nature Communications</i> , 2021 , 12, 3991	17.4	110
24	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,	4.1	1
23	Muscle follistatin gene delivery increases muscle protein synthesis independent of periodical physical inactivity and fasting. <i>FASEB Journal</i> , 2021 , 35, e21387	0.9	3
22	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	7	6
21	Differentiation of Murine C2C12 Myoblasts Strongly Reduces the Effects of Myostatin on Intracellular Signaling. <i>Biomolecules</i> , 2020 , 10,	5.9	11
20	Oncogene-Induced Senescence Limits the Progression of Pancreatic Neoplasia through Production of Activin A. <i>Cancer Research</i> , 2020 , 80, 3359-3371	10.1	8
19	Inhibition of Activin/Myostatin signalling induces skeletal muscle hypertrophy but impairs mouse testicular development. <i>European Journal of Translational Myology</i> , 2020 , 30, 8737	2.1	5
18	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	2.1	3
17	Systemic blockade of ACVR2B ligands attenuates muscle wasting in ischemic heart failure without compromising cardiac function. <i>FASEB Journal</i> , 2020 , 34, 9911-9924	0.9	4
16	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	10.3	12
15	Systemic Blockade of ACVR2B Ligands Protects Myocardium from Acute Ischemia-Reperfusion Injury. <i>Molecular Therapy</i> , 2019 , 27, 600-610	11.7	16
14	Activin Receptor Ligand Blocking and Cancer Have Distinct Effects on Protein and Redox Homeostasis in Skeletal Muscle and Liver. <i>Frontiers in Physiology</i> , 2018 , 9, 1917	4.6	6
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	2.8	20
12	Activin inhibition limits early innate immune response in rat kidney allografts-a pilot study. <i>Transplant International</i> , 2017 , 30, 96-107	3	5

11	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	3.5	8
10	Enhanced exercise and regenerative capacity in a mouse model that violates size constraints of oxidative muscle fibres. <i>ELife</i> , 2016 , 5,	8.9	39
9	Inhibition of Activin Signaling Slows Progression of Polycystic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 3589-3599	12.7	35
8	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, 102-15	4.2	20
7	Activin A contributes to the development of hyperoxia-induced lung injury in neonatal mice. <i>Pediatric Research</i> , 2015 , 77, 749-56	3.2	11
6	Regulation of Angiotensin-Like Proteins (ANGPTLs) 3 and 8 by Insulin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E1299-307	5.6	58
5	Myostatin/activin blocking combined with exercise reconditions skeletal muscle expression profile of mdx mice. <i>Molecular and Cellular Endocrinology</i> , 2015 , 399, 131-42	4.4	18
4	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, E41-50	6	65
3	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, E171-82	6	35
2	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, 382-91	10.2	35
1	Blocking of myostatin and activins increase muscle protein synthesis and mTORC1 signaling but decreases capillary density. <i>FASEB Journal</i> , 2012 , 26, 1075.2	0.9	