

Craig A Harrison

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.

51
papers

1,733
citations

24
h-index

41
g-index

52
ext. papers

2,071
ext. citations

5.8
avg, IF

4.7
L-index

#	Paper	IF	Citations
51	Effect of cumulin and super-GDF9 in standard and biphasic mouse IVM.. <i>Journal of Assisted Reproduction and Genetics</i> , 2022 , 39, 127	3.4	0
50	Inhibin inactivation in female mice leads to elevated FSH levels, ovarian over-stimulation, and pregnancy loss.. <i>Endocrinology</i> , 2022 ,	4.8	3
49	TGFBR3L is an inhibin B co-receptor that regulates female fertility.. <i>Science Advances</i> , 2021 , 7, eabl4391	14.3	4
48	Structure of AMH bound to AMHR2 provides insight into a unique signaling pair in the TGF- β family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	8
47	Potential treatment of keloid pathogenesis with follistatin 288 by blocking the activin molecular pathway. <i>Experimental Dermatology</i> , 2021 , 30, 402-408	4	1
46	A variant of human growth differentiation factor-9 that improves oocyte developmental competence. <i>Journal of Biological Chemistry</i> , 2020 , 295, 7981-7991	5.4	6
45	TMEPAI/PMEPA1 Is a Positive Regulator of Skeletal Muscle Mass. <i>Frontiers in Physiology</i> , 2020 , 11, 5602256	4.6	3
44	Engineering the Ovarian Hormones Inhibin A and Inhibin B to Enhance Synthesis and Activity. <i>Endocrinology</i> , 2020 , 161,	4.8	6
43	Activin A-Induced Cachectic Wasting Is Attenuated by Systemic Delivery of Its Cognate Propeptide in Male Mice. <i>Endocrinology</i> , 2019 , 160, 2417-2426	4.8	8
42	Serum Concentrations of Oocyte-Secreted Factors BMP15 and GDF9 During IVF and in Women With Reproductive Pathologies. <i>Endocrinology</i> , 2019 , 160, 2298-2313	4.8	8
41	Inhibin: To Betaglycan, or Not to Betaglycan. <i>Endocrinology</i> , 2019 , 160, 341-342	4.8	1
40	Functional Characterization of Two New Variants in the Bone Morphogenetic Protein 7 Prodomain in Two Pairs of Monozygotic Twins With Hypospadias. <i>Journal of the Endocrine Society</i> , 2019 , 3, 814-824	0.4	1
39	Cumulin and FSH Cooperate to Regulate Inhibin B and Activin B Production by Human Granulosa-Lutein Cells In Vitro. <i>Endocrinology</i> , 2019 , 160, 853-862	4.8	10
38	Molecular characterization of latent GDF8 reveals mechanisms of activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E866-E875	11.5	23
37	Inhibition of activin signaling in lung adenocarcinoma increases the therapeutic index of platinum chemotherapy. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	23
36	Structural basis for potency differences between GDF8 and GDF11. <i>BMC Biology</i> , 2017 , 15, 19	7.3	63
35	Multiple Soluble TGF- β Receptors in Addition to Soluble Endoglin Are Elevated in Preeclamptic Serum and They Synergistically Inhibit TGF- β Signaling. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 3065-3074	5.6	8

34	Specific targeting of TGF- β family ligands demonstrates distinct roles in the regulation of muscle mass in health and disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E5266-E5275	11.5	54
33	The angiotensin receptor blocker, Losartan, inhibits mammary tumor development and progression to invasive carcinoma. <i>Oncotarget</i> , 2017 , 8, 18640-18656	3.3	45
32	Targeting TGF- β Mediated SMAD Signaling for the Prevention of Fibrosis. <i>Frontiers in Pharmacology</i> , 2017 , 8, 461	5.6	238
31	BMP15 Mutations Associated With Primary Ovarian Insufficiency Reduce Expression, Activity, or Synergy With GDF9. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 1009-1019	5.6	20
30	Smad7 gene delivery prevents muscle wasting associated with cancer cachexia in mice. <i>Science Translational Medicine</i> , 2016 , 8, 348ra98	17.5	45
29	Differential Effects of IL6 and Activin A in the Development of Cancer-Associated Cachexia. <i>Cancer Research</i> , 2016 , 76, 5372-82	10.1	43
28	The TGF- β Signalling Network in Muscle Development, Adaptation and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 900, 97-131	3.6	33
27	Biological activity and in vivo half-life of pro-activin A in male rats. <i>Molecular and Cellular Endocrinology</i> , 2016 , 422, 84-92	4.4	14
26	A Novel, More Efficient Approach to Generate Bioactive Inhibins. <i>Endocrinology</i> , 2016 , 157, 2799-809	4.8	5
25	Selection of internal control genes for analysis of gene expression in normal and diseased human dermal fibroblasts using quantitative real-time PCR. <i>Experimental Dermatology</i> , 2016 , 25, 911-914	4	3
24	Cumulin, an Oocyte-secreted Heterodimer of the Transforming Growth Factor- β Family, Is a Potent Activator of Granulosa Cells and Improves Oocyte Quality. <i>Journal of Biological Chemistry</i> , 2015 , 290, 24007-20	5.4	84
23	Inhibin Biosynthesis and Activity Are Limited by a Prodomain-Derived Peptide. <i>Endocrinology</i> , 2015 , 156, 3047-57	4.8	10
22	Development of novel activin-targeted therapeutics. <i>Molecular Therapy</i> , 2015 , 23, 434-44	11.7	40
21	Aberrant GDF9 expression and activation are associated with common human ovarian disorders. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E615-24	5.6	21
20	Readiness to change and reasons for intended reduction of alcohol consumption in emergency department versus trauma population. <i>Western Journal of Emergency Medicine</i> , 2014 , 15, 337-44	3.3	4
19	Use of detergent-based buffers allows detection of precursor inhibin forms in an immunoassay format. <i>Molecular and Cellular Endocrinology</i> , 2013 , 381, 106-14	4.4	5
18	Species differences in the expression and activity of bone morphogenetic protein 15. <i>Endocrinology</i> , 2013 , 154, 888-99	4.8	24
17	New insights into the mechanisms of activin action and inhibition. <i>Molecular and Cellular Endocrinology</i> , 2012 , 359, 2-12	4.4	71

16	Activation of latent human GDF9 by a single residue change (Gly 391 Arg) in the mature domain. <i>Endocrinology</i> , 2012 , 153, 1301-10	4.8	33
15	Prodomains regulate the synthesis, extracellular localisation and activity of TGF- β superfamily ligands. <i>Growth Factors</i> , 2011 , 29, 174-86	1.6	90
14	Extra-ovarian expression and activity of growth differentiation factor 9. <i>Journal of Endocrinology</i> , 2009 , 202, 419-30	4.7	14
13	Inhibin B is a more potent suppressor of rat follicle-stimulating hormone release than inhibin a in vitro and in vivo. <i>Endocrinology</i> , 2009 , 150, 4784-93	4.8	33
12	A common biosynthetic pathway governs the dimerization and secretion of inhibin and related transforming growth factor beta (TGFbeta) ligands. <i>Journal of Biological Chemistry</i> , 2009 , 284, 9311-20	5.4	54
11	Suppression of inhibin A biological activity by alterations in the binding site for betaglycan. <i>Journal of Biological Chemistry</i> , 2008 , 283, 16743-51	5.4	39
10	Interleukin 11 and Activin A Synergise to Enhance Medroxyprogesterone But Not cAMP-Induced Decidualization of Human Endometrial Stromal Cells.. <i>Biology of Reproduction</i> , 2008 , 78, 143-143	3.9	
9	Inhibin A and B in vitro bioactivities are modified by their degree of glycosylation and their affinities to betaglycan. <i>Endocrinology</i> , 2007 , 148, 2309-16	4.8	42
8	Activin-A binds follistatin and type II receptors through overlapping binding sites: generation of mutants with isolated binding activities. <i>Endocrinology</i> , 2006 , 147, 2744-53	4.8	23
7	Identification of distinct inhibin and transforming growth factor beta-binding sites on betaglycan: functional separation of betaglycan co-receptor actions. <i>Journal of Biological Chemistry</i> , 2006 , 281, 17017-17022	5.4	69
6	Antagonists of activin signaling: mechanisms and potential biological applications. <i>Trends in Endocrinology and Metabolism</i> , 2005 , 16, 73-8	8.8	174
5	An activin mutant with disrupted ALK4 binding blocks signaling via type II receptors. <i>Journal of Biological Chemistry</i> , 2004 , 279, 28036-44	5.4	60
4	Activins and inhibins and their signaling. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1038, 142-7	6.5	57
3	Identification of a functional binding site for activin on the type I receptor ALK4. <i>Journal of Biological Chemistry</i> , 2003 , 278, 21129-35	5.4	42
2	Identification of specific inhibin A-binding proteins on mouse Leydig (TM3) and sertoli (TM4) cell lines. <i>Endocrinology</i> , 2001 , 142, 1393-402	4.8	34
1	Inhibin binding sites and proteins in pituitary, gonadal, adrenal and bone cells. <i>Molecular and Cellular Endocrinology</i> , 2001 , 180, 63-71	4.4	34