

Yin Xia

List of Publications by Year in descending order

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65
papers

4,277
citations

186265

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docs citations

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times ranked

4382
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The MuvB complex safeguards embryonic stem cell identity through regulation of the cell cycle machinery. <i>Journal of Biological Chemistry</i> , 2022, 298, 101701. | 3.4 | 2 |
| 2 | Functional redundancy among Polycomb complexes in maintaining the pluripotent state of embryonic stem cells. <i>Stem Cell Reports</i> , 2022, 17, 1198-1214. | 4.8 | 7 |
| 3 | Follistatin-like 1 (FSTL1) interacts with Wnt ligands and Frizzled receptors to enhance Wnt/ β -catenin signaling in obstructed kidneys in vivo. <i>Journal of Biological Chemistry</i> , 2022, 298, 102010. | 3.4 | 13 |
| 4 | Rbbp4 Suppresses Premature Differentiation of Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2021, 16, 566-581. | 4.8 | 14 |
| 5 | Repulsive Guidance Molecule b Deficiency Induces Gut Microbiota Dysbiosis and Increases the Susceptibility to Intestinal Inflammation in Mice. <i>Frontiers in Microbiology</i> , 2021, 12, 648915. | 3.5 | 12 |
| 6 | Pcd10-Stk24/25 complex controls kidney water reabsorption by regulating Aqp2 membrane targeting. <i>JCI Insight</i> , 2021, 6, . | 5.0 | 13 |
| 7 | KLF2 Mediates the Suppressive Effect of Laminar Flow on Vascular Calcification by Inhibiting Endothelial BMP/SMAD1/5 Signaling. <i>Circulation Research</i> , 2021, 129, e87-e100. | 4.5 | 27 |
| 8 | Hippo kinases MST1 and MST2 control the differentiation of the epididymal initial segment via the MEK-ERK pathway. <i>Cell Death and Differentiation</i> , 2020, 27, 2797-2809. | 11.2 | 15 |
| 9 | The polycomb group protein PCGF6 mediates germline gene silencing by recruiting histone-modifying proteins to target gene promoters. <i>Journal of Biological Chemistry</i> , 2020, 295, 9712-9724. | 3.4 | 20 |
| 10 | Gentamicin-Induced Acute Kidney Injury in an Animal Model Involves Programmed Necrosis of the Collecting Duct. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2097-2115. | 6.1 | 42 |
| 11 | Tubule-Specific Mst1/2 Deficiency Induces CKD via YAP and Non-YAP Mechanisms. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 946-961. | 6.1 | 35 |
| 12 | Alternative polyadenylation coordinates embryonic development, sexual dimorphism and longitudinal growth in <i>Xenopus tropicalis</i> . <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2185-2198. | 5.4 | 16 |
| 13 | L3MBTL2 regulates chromatin remodeling during spermatogenesis. <i>Cell Death and Differentiation</i> , 2019, 26, 2194-2207. | 11.2 | 16 |
| 14 | RGMb protects against acute kidney injury by inhibiting tubular cell necroptosis via an MLKL-dependent mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1475-E1484. | 7.1 | 65 |
| 15 | Lethal (3) malignant brain tumor-like 2 (L3MBTL2) protein protects against kidney injury by inhibiting the DNA damage-induced apoptosis pathway in renal tubular cells. <i>Kidney International</i> , 2018, 93, 855-870. | 5.2 | 20 |
| 16 | Combinatorial Control of Recruitment of a Variant PRC1.6 Complex in Embryonic Stem Cells. <i>Cell Reports</i> , 2018, 22, 3032-3043. | 6.4 | 26 |
| 17 | Homology-independent multiallelic disruption via CRISPR/Cas9-based knock-in yields distinct functional outcomes in human cells. <i>BMC Biology</i> , 2018, 16, 151. | 3.8 | 10 |
| 18 | Serum exosomes mediate delivery of arginase 1 as a novel mechanism for endothelial dysfunction in diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6927-E6936. | 7.1 | 109 |

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|----|---|-----|-----------|
| 19 | The polycomb group protein Yaf2 regulates the pluripotency of embryonic stem cells in a phosphorylation-dependent manner. <i>Journal of Biological Chemistry</i> , 2018, 293, 12793-12804. | 3.4 | 9 |
| 20 | Loss of Polycomb Group Protein Pcgf1 Severely Compromises Proper Differentiation of Embryonic Stem Cells. <i>Scientific Reports</i> , 2017, 7, 46276. | 3.3 | 23 |
| 21 | Essential Role for Polycomb Group Protein Pcgf6 in Embryonic Stem Cell Maintenance and a Noncanonical Polycomb Repressive Complex 1 (PRC1) Integrity. <i>Journal of Biological Chemistry</i> , 2017, 292, 2773-2784. | 3.4 | 47 |
| 22 | Polycomb group RING finger proteins 3/5 activate transcription via an interaction with the pluripotency factor Tex10 in embryonic stem cells. <i>Journal of Biological Chemistry</i> , 2017, 292, 21527-21537. | 3.4 | 40 |
| 23 | Osteocalcin expressing cells from tendon sheaths in mice contribute to tendon repair by activating Hedgehog signaling. <i>ELife</i> , 2017, 6, . | 6.0 | 49 |
| 24 | Follistatin-like protein 1 increases transepithelial resistance in kidney epithelial cells through Akt signaling. <i>Molecular Medicine Reports</i> , 2017, 16, 4341-4347. | 2.4 | 2 |
| 25 | Melamine Impairs Renal and Vascular Function in Rats. <i>Scientific Reports</i> , 2016, 6, 28041. | 3.3 | 10 |
| 26 | Repulsive Guidance Molecule b (RGMb) Is Dispensable for Normal Gonadal Function in Mice. <i>Biology of Reproduction</i> , 2016, 94, 78. | 2.7 | 5 |
| 27 | Accurate Profiling of Gene Expression and Alternative Polyadenylation with Whole Transcriptome Termini Site Sequencing (WTTS-Seq). <i>Genetics</i> , 2016, 203, 683-697. | 2.9 | 31 |
| 28 | Repulsive guidance molecule b inhibits renal cyst development through the bone morphogenetic protein signaling pathway. <i>Cellular Signalling</i> , 2016, 28, 1842-1851. | 3.6 | 10 |
| 29 | Pregnancy-associated adaptations in [Ca ²⁺] _i -dependent and Ca ²⁺ sensitization mechanisms of venous contraction: implications in pregnancy-related venous disorders. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H1851-H1865. | 3.2 | 2 |
| 30 | IL-1 β inhibits Klotho expression and FGF19 signaling in hepatocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E289-E300. | 3.5 | 31 |
| 31 | Dragon (RGMb) induces oxaliplatin resistance in colon cancer cells. <i>Oncotarget</i> , 2016, 7, 48027-48037. | 1.8 | 14 |
| 32 | Dragon (repulsive guidance molecule b, RGMb) is a novel gene that promotes colorectal cancer growth. <i>Oncotarget</i> , 2015, 6, 20540-20554. | 1.8 | 25 |
| 33 | Effect of topical propranolol gel on plasma renin, angiotensin ii and vascular endothelial growth factor in superficial infantile hemangiomas. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2015, 35, 759-762. | 1.0 | 6 |
| 34 | Aquaporin-1 retards renal cyst development in polycystic kidney disease by inhibition of Wnt signaling. <i>FASEB Journal</i> , 2015, 29, 1551-1563. | 0.5 | 66 |
| 35 | The Proto-oncogene Transcription Factor Ets1 Regulates Neural Crest Development through Histone Deacetylase 1 to Mediate Output of Bone Morphogenetic Protein Signaling. <i>Journal of Biological Chemistry</i> , 2015, 290, 21925-21938. | 3.4 | 38 |
| 36 | Human Fetal Liver Stromal Cell Co-Culture Enhances the Differentiation of Pancreatic Progenitor Cells into Islet-Like Cell Clusters. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 280-294. | 5.6 | 9 |

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|----|---|------|-----------|
| 37 | Distinct mechanisms of induction of hepatic growth hormone resistance by endogenous IL-6, TNF- α , and IL-1 β . <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E186-E198. | 3.5 | 42 |
| 38 | Expression of repulsive guidance molecule b (RGMb) in the uterus and ovary during the estrous cycle in rats. <i>Acta Histochemica</i> , 2014, 116, 1231-1236. | 1.8 | 5 |
| 39 | HFE interacts with the BMP type I receptor ALK3 to regulate hepcidin expression. <i>Blood</i> , 2014, 124, 1335-1343. | 1.4 | 110 |
| 40 | Dragon (Repulsive Guidance Molecule RGMb) Inhibits E-cadherin Expression and Induces Apoptosis in Renal Tubular Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 31528-31539. | 3.4 | 23 |
| 41 | Ginkgolide B inhibits renal cyst development in in vitro and in vivo cyst models. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, F1234-F1242. | 2.7 | 23 |
| 42 | Topical propranolol hydrochloride gel for superficial infantile hemangiomas. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2012, 32, 923-926. | 1.0 | 18 |
| 43 | Hepcidin Regulation by BMP Signaling in Macrophages Is Lipopolysaccharide Dependent. <i>PLoS ONE</i> , 2012, 7, e44622. | 2.5 | 31 |
| 44 | The BMP co-receptor Dragon is required for normal renal branching morphogenesis. <i>Developmental Biology</i> , 2011, 356, 142. | 2.0 | 0 |
| 45 | Dragon (Repulsive Guidance Molecule b) Inhibits IL-6 Expression in Macrophages. <i>Journal of Immunology</i> , 2011, 186, 1369-1376. | 0.8 | 49 |
| 46 | Changes in Ovarian Follistatin Levels During the Oestrous Cycle in Sheep may Serve as an Intraovarian Regulator. <i>Reproduction in Domestic Animals</i> , 2010, 45, 509-515. | 1.4 | 6 |
| 47 | Dragon Enhances BMP Signaling and Increases Transepithelial Resistance in Kidney Epithelial Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 666-677. | 6.1 | 32 |
| 48 | Sex-related decrease in [Ca ²⁺] _i signaling and Ca ²⁺ -dependent contraction in inferior vena cava of female rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R15-R24. | 1.8 | 7 |
| 49 | The Follistatin-288 Isoform Alone Is Sufficient for Survival But Not for Normal Fertility in Mice. <i>Endocrinology</i> , 2010, 151, 1310-1319. | 2.8 | 40 |
| 50 | The biology of activin: recent advances in structure, regulation and function. <i>Journal of Endocrinology</i> , 2009, 202, 1-12. | 2.6 | 216 |
| 51 | BMP6 is a key endogenous regulator of hepcidin expression and iron metabolism. <i>Nature Genetics</i> , 2009, 41, 482-487. | 21.4 | 678 |
| 52 | Changes in concentrations of follistatin in maternal plasma and foetal fluids during pregnancy and parturition in sheep. <i>Animal Reproduction Science</i> , 2009, 114, 148-156. | 1.5 | 4 |
| 53 | Hemojuvelin regulates hepcidin expression via a selective subset of BMP ligands and receptors independently of neogenin. <i>Blood</i> , 2008, 111, 5195-5204. | 1.4 | 194 |
| 54 | Leptin inhibits basal but not gonadotrophin-stimulated testosterone production in the immature mouse and sheep testis. <i>Reproduction, Fertility and Development</i> , 2008, 20, 519. | 0.4 | 17 |

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|----|---|------|-----------|
| 55 | Method for Measuring Macrophage Iron Efflux in Vitro and in Vivo Using Magnetic Resonance Imaging. <i>Blood</i> , 2008, 112, 4636-4636. | 1.4 | 0 |
| 56 | Repulsive Guidance Molecule RGMa Alters Utilization of Bone Morphogenetic Protein (BMP) Type II Receptors by BMP2 and BMP4. <i>Journal of Biological Chemistry</i> , 2007, 282, 18129-18140. | 3.4 | 91 |
| 57 | FSTL3 deletion reveals roles for TGF-beta family ligands in glucose and fat homeostasis in adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 1348-1353. | 7.1 | 139 |
| 58 | Modulation of bone morphogenetic protein signaling in vivo regulates systemic iron balance. <i>Journal of Clinical Investigation</i> , 2007, 117, 1933-1939. | 8.2 | 401 |
| 59 | Bone morphogenetic protein signaling by hemojuvelin regulates hepcidin expression. <i>Nature Genetics</i> , 2006, 38, 531-539. | 21.4 | 921 |
| 60 | Repulsive Guidance Molecule (RGMa), a DRAGON Homologue, Is a Bone Morphogenetic Protein Co-receptor. <i>Journal of Biological Chemistry</i> , 2005, 280, 29820-29827. | 3.4 | 168 |
| 61 | Differential Biosynthesis and Intracellular Transport of Follistatin Isoforms and Follistatin-Like-3. <i>Endocrinology</i> , 2005, 146, 5052-5062. | 2.8 | 33 |
| 62 | Localization and Action of Dragon (Repulsive Guidance Molecule b), a Novel Bone Morphogenetic Protein Coreceptor, throughout the Reproductive Axis. <i>Endocrinology</i> , 2005, 146, 3614-3621. | 2.8 | 30 |
| 63 | Hemojuvelin Acts as a Bone Morphogenetic Protein Co-Receptor To Regulate Hepcidin Expression.. <i>Blood</i> , 2005, 106, 511-511. | 1.4 | 5 |
| 64 | Overexpression of Follistatin-Like 3 in Gonads Causes Defects in Gonadal Development and Function in Transgenic Mice. <i>Molecular Endocrinology</i> , 2004, 18, 979-994. | 3.7 | 55 |
| 65 | Differential actions of follistatin and follistatin-like 3. <i>Molecular and Cellular Endocrinology</i> , 2004, 225, 25-28. | 3.2 | 60 |