

# Shigeaki Kato

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

3,373  
citations

567281

15  
h-index

454955

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

4730  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Estrogen Prevents Bone Loss via Estrogen Receptor $\hat{\pm}$ and Induction of Fas Ligand in Osteoclasts. <i>Cell</i> , 2007, 130, 811-823.   | 28.9 | 866       |
| 2  | Dioxin receptor is a ligand-dependent E3 ubiquitin ligase. <i>Nature</i> , 2007, 446, 562-566.  | 27.8 | 501       |
| 3  | Circulating FGF-23 Is Regulated by $1\hat{\pm}$ ,25-Dihydroxyvitamin D3 and Phosphorus in Vivo. <i>Journal of Biological Chemistry</i> , 2005, 280, 2543-2549.  | 3.4  | 417       |
| 4  | Premature ovarian failure in androgen receptor-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 224-229.   | 7.1  | 289       |
| 5  | Suppressive function of androgen receptor in bone resorption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 9416-9421.  | 7.1  | 288       |
| 6  | The Androgen Receptor in Health and Disease. <i>Annual Review of Physiology</i> , 2013, 75, 201-224.  | 13.1 | 206       |
| 7  | Late onset of obesity in male androgen receptor-deficient (AR KO) mice. <i>Biochemical and Biophysical Research Communications</i> , 2003, 300, 167-171.  | 2.1  | 178       |
| 8  | Transrepressive Function of TLX Requires the Histone Demethylase LSD1. <i>Molecular and Cellular Biology</i> , 2008, 28, 3995-4003.   | 2.3  | 115       |
| 9  | Activation of unliganded FGF receptor by extracellular phosphate potentiates proteolytic protection of FGF23 by its O-glycosylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11418-11427. | 7.1  | 106       |
| 10 | Nuclear receptor coregulators merge transcriptional coregulation with epigenetic regulation. <i>Trends in Biochemical Sciences</i> , 2011, 36, 272-281.   | 7.5  | 91        |
| 11 | Androgen receptor functions from reverse genetic models. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2003, 85, 95-99.  | 2.5  | 73        |
| 12 | Protein kinase N3 promotes bone resorption by osteoclasts in response to Wnt5a-Ror2 signaling. <i>Science Signaling</i> , 2017, 10, .   | 3.6  | 60        |
| 13 | Noncanonical Wnt signaling mediates androgen-dependent tumor growth in a mouse model of prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4938-4943.                               | 7.1  | 45        |
| 14 | Ecdysone receptor (EcR) suppresses lipid accumulation in the <i>Drosophila</i> fat body via transcription control. <i>Biochemical and Biophysical Research Communications</i> , 2012, 421, 203-207.   | 2.1  | 38        |
| 15 | Study of Androgen Receptor Functions by Genetic Models. <i>Journal of Biochemistry</i> , 2005, 138, 105-110.  | 1.7  | 30        |
| 16 | The Function of the Vitamin D Receptor and a Possible Role of Enhancer RNA in Epigenomic Regulation of Target Genes: Implications for Bone Metabolism. <i>Journal of Bone Metabolism</i> , 2019, 26, 3.   | 1.3  | 10        |
| 17 | Role of gut microbiota in sex- and diet-dependent metabolic disorders that lead to early mortality of androgen receptor-deficient male mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E525-E537.             | 3.5  | 9         |
| 18 | Relationship between gut environment, feces-to-food ratio, and androgen deficiency-induced metabolic disorders. <i>Gut Microbes</i> , 2020, 12, 1817719.  | 9.8  | 8         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Vitamin D Receptor Deletion Changes Bile Acid Composition in Mice Orally Administered Chenodeoxycholic Acid. <i>Journal of Nutritional Science and Vitaminology</i> , 2020, 66, 370-374.                                | 0.6 | 7         |
| 20 | Point mutations in an epigenetic factor lead to multiple types of bone tumors: role of H3.3 histone variant in bone development and disease. <i>BoneKEy Reports</i> , 2015, 4, 715.                                     | 2.7 | 6         |
| 21 | Androgen-dependent and DNA-binding-independent association of androgen receptor with chromatic regions coding androgen-induced noncoding RNAs. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 2121-2130. | 1.3 | 6         |
| 22 | Profiling of Androgen-Dependent Enhancer RNAs Expression in Human Prostate Tumors: Search for Malignancy Transition Markers. <i>Research and Reports in Urology</i> , 2021, Volume 13, 705-713.                         | 1.0 | 5         |
| 23 | Transcriptional Regulation of 25-Hydroxyvitamin D-24-Hydroxylase (CYP24A1) by Calcemic Factors in Keratinocytes. <i>Journal of Nutritional Science and Vitaminology</i> , 2021, 67, 424-428.                            | 0.6 | 4         |
| 24 | Antagonistic action of a synthetic androgen ligand mediated by chromatin remodeling in a human prostate cancer cell line. <i>Biochemical and Biophysical Research Communications</i> , 2022, 612, 110-118.              | 2.1 | 4         |
| 25 | Skeletal and gene-regulatory functions of nuclear sex steroid hormone receptors. <i>Journal of Bone and Mineral Metabolism</i> , 2022, 40, 361-374.   | 2.7 | 3         |
| 26 | Mechanisms of Osteoprotective Actions of Estrogens. , 2020, , 503-523.  |     | 2         |
| 27 | A long non-coding RNA as a direct vitamin D target transcribed from the antisense strand of the human HSD17B2 locus. <i>Bioscience Reports</i> , 2022, 42, .  | 2.4 | 2         |
| 28 | Association of familial macular degeneration with specific genetic markers: a case report. <i>Journal of Medical Case Reports</i> , 2015, 9, 269.   | 0.8 | 1         |
| 29 | Degarelix treatment is compatible with diabetes and antithrombotic therapy in patients with prostate cancer. <i>Research and Reports in Urology</i> , 2017, Volume 9, 225-232.  | 1.0 | 1         |
| 30 | Painless vascular leiomyoma found after incision of the vaginal wall: A case report. <i>Urology Case Reports</i> , 2018, 17, 19-21.   | 0.3 | 1         |
| 31 | Benefits of autologous platelet tissue graft in wound healing after corneal refractive surgery: a case report. <i>Journal of Medical Case Reports</i> , 2021, 15, 122.  | 0.8 | 1         |
| 32 | Assessment of Anemia Prevalence Among Non-Pregnant Women in Urban Areas of Shanghai and Tokyo: A Retrospective Observational Study. <i>Blood</i> , 2018, 132, 5890-5890.  | 1.4 | 0         |