

Frank Claessens

List of Publications by Citations

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212
papers

18,678
citations

57
h-index

134
g-index

234
ext. papers

23,095
ext. citations

7.6
avg, IF

7.35
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 212 | Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128.9 million children, adolescents, and adults. <i>Lancet, The</i> , 2017 , 390, 2627-2642 | 40 | 2980 |
| 211 | Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled analysis of 1698 population-based measurement studies with 19.2 million participants. <i>Lancet, The</i> , 2016 , 387, 1377-1396 | 40 | 2787 |
| 210 | Worldwide trends in diabetes since 1980: a pooled analysis of 751 population-based studies with 4.4 million participants. <i>Lancet, The</i> , 2016 , 387, 1513-1530 | 40 | 2039 |
| 209 | Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 19.1 million participants. <i>Lancet, The</i> , 2017 , 389, 37-55 | 40 | 1100 |
| 208 | A Sertoli cell-selective knockout of the androgen receptor causes spermatogenic arrest in meiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 1327-32 | 11.5 | 615 |
| 207 | Estrogens and Androgens in Skeletal Physiology and Pathophysiology. <i>Physiological Reviews</i> , 2017 , 97, 135-187 | 47.9 | 349 |
| 206 | Association analyses of more than 140,000 men identify 63 new prostate cancer susceptibility loci. <i>Nature Genetics</i> , 2018 , 50, 928-936 | 36.3 | 340 |
| 205 | The AF1 and AF2 domains of the androgen receptor interact with distinct regions of SRC1. <i>Molecular and Cellular Biology</i> , 1999 , 19, 8383-92 | 4.8 | 329 |
| 204 | Structural basis of androgen receptor binding to selective androgen response elements. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 4758-63 | 11.5 | 269 |
| 203 | Fracture risk and zoledronic acid therapy in men with osteoporosis. <i>New England Journal of Medicine</i> , 2012 , 367, 1714-23 | 59.2 | 227 |
| 202 | The androgen receptor amino-terminal domain plays a key role in p160 coactivator-stimulated gene transcription. <i>Molecular and Cellular Biology</i> , 1999 , 19, 6085-97 | 4.8 | 226 |
| 201 | Sex steroid actions in male bone. <i>Endocrine Reviews</i> , 2014 , 35, 906-60 | 27.2 | 192 |
| 200 | Sarcopenia and its relationship with bone mineral density in middle-aged and elderly European men. <i>Osteoporosis International</i> , 2013 , 24, 87-98 | 5.3 | 190 |
| 199 | Selective DNA binding by the androgen receptor as a mechanism for hormone-specific gene regulation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2001 , 76, 23-30 | 5.1 | 166 |
| 198 | Diverse roles of androgen receptor (AR) domains in AR-mediated signaling. <i>Nuclear Receptor Signaling</i> , 2008 , 6, e008 | 1 | 156 |
| 197 | Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104 million participants. <i>Lancet, The</i> , 2021 , 398, 957-980 | 40 | 154 |
| 196 | Selective DNA recognition by the androgen receptor as a mechanism for hormone-specific regulation of gene expression. <i>Molecular Genetics and Metabolism</i> , 2003 , 78, 175-85 | 3.7 | 122 |

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|-----|--|------|-----|
| 195 | Functional characterization of an androgen response element in the first intron of the C3(1) gene of prostatic binding protein. <i>Biochemical and Biophysical Research Communications</i> , 1989 , 164, 833-40 | 3.4 | 111 |
| 194 | The hinge region regulates DNA binding, nuclear translocation, and transactivation of the androgen receptor. <i>Cancer Research</i> , 2007 , 67, 4514-23 | 10.1 | 110 |
| 193 | Effects of diabetes definition on global surveillance of diabetes prevalence and diagnosis: a pooled analysis of 96 population-based studies with 331,288 participants. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 624-37 | 18.1 | 109 |
| 192 | Androgens and skeletal muscle: cellular and molecular action mechanisms underlying the anabolic actions. <i>Cellular and Molecular Life Sciences</i> , 2012 , 69, 1651-67 | 10.3 | 109 |
| 191 | Differential DNA binding by the androgen and glucocorticoid receptors involves the second Zn-finger and a C-terminal extension of the DNA-binding domains. <i>Biochemical Journal</i> , 1999 , 341, 515-521 | 3.8 | 109 |
| 190 | The rules of DNA recognition by the androgen receptor. <i>Molecular Endocrinology</i> , 2010 , 24, 898-913 | | 104 |
| 189 | Low Free Testosterone Is Associated with Hypogonadal Signs and Symptoms in Men with Normal Total Testosterone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 2647-57 | 5.6 | 100 |
| 188 | The androgen-specific probasin response element 2 interacts differentially with androgen and glucocorticoid receptors. <i>Journal of Biological Chemistry</i> , 1996 , 271, 19013-6 | 5.4 | 99 |
| 187 | Looking at nuclear receptors from a new angle. <i>Molecular and Cellular Endocrinology</i> , 2014 , 382, 97-106 | 4.4 | 98 |
| 186 | Structural basis for nuclear hormone receptor DNA binding. <i>Molecular and Cellular Endocrinology</i> , 2012 , 348, 411-7 | 4.4 | 92 |
| 185 | Interaction of the putative androgen receptor-specific coactivator ARA70/ELE1alpha with multiple steroid receptors and identification of an internally deleted ELE1beta isoform. <i>Molecular Endocrinology</i> , 1999 , 13, 117-28 | | 92 |
| 184 | Structure of the homodimeric androgen receptor ligand-binding domain. <i>Nature Communications</i> , 2017 , 8, 14388 | 17.4 | 91 |
| 183 | Differences in DNA binding characteristics of the androgen and glucocorticoid receptors can determine hormone-specific responses. <i>Journal of Biological Chemistry</i> , 2000 , 275, 12290-7 | 5.4 | 89 |
| 182 | Muscle-bone interactions: From experimental models to the clinic? A critical update. <i>Molecular and Cellular Endocrinology</i> , 2016 , 432, 14-36 | 4.4 | 85 |
| 181 | Emerging mechanisms of enzalutamide resistance in prostate cancer. <i>Nature Reviews Urology</i> , 2014 , 11, 712-6 | 5.5 | 85 |
| 180 | Androgen regulation of the TMPRSS2 gene and the effect of a SNP in an androgen response element. <i>Molecular Endocrinology</i> , 2013 , 27, 2028-40 | | 85 |
| 179 | Loss of androgen receptor binding to selective androgen response elements causes a reproductive phenotype in a knockin mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 4961-6 | 11.5 | 83 |
| 178 | Inhibition of cathepsin K for treatment of osteoporosis. <i>Current Osteoporosis Reports</i> , 2012 , 10, 73-9 | 5.4 | 81 |

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|-----|--|------|----|
| 177 | Androgen receptor antagonists for prostate cancer therapy. <i>Endocrine-Related Cancer</i> , 2014 , 21, T105-118 | 7 | 80 |
| 176 | Change of specificity mutations in androgen-selective enhancers. Evidence for a role of differential DNA binding by the androgen receptor. <i>Journal of Biological Chemistry</i> , 2000 , 275, 12298-305 | 5.4 | 80 |
| 175 | Interplay between two hormone-independent activation domains in the androgen receptor. <i>Cancer Research</i> , 2006 , 66, 543-53 | 10.1 | 79 |
| 174 | Androgen receptor (AR) in osteocytes is important for the maintenance of male skeletal integrity: evidence from targeted AR disruption in mouse osteocytes. <i>Journal of Bone and Mineral Research</i> , 2012 , 27, 2535-43 | 6.3 | 77 |
| 173 | Squalene synthase, a determinant of Raft-associated cholesterol and modulator of cancer cell proliferation. <i>Journal of Biological Chemistry</i> , 2007 , 282, 18777-85 | 5.4 | 74 |
| 172 | Height and body-mass index trajectories of school-aged children and adolescents from 1985 to 2019 in 200 countries and territories: a pooled analysis of 2181 population-based studies with 65 million participants. <i>Lancet, The</i> , 2020 , 396, 1511-1524 | 40 | 73 |
| 171 | A satellite cell-specific knockout of the androgen receptor reveals myostatin as a direct androgen target in skeletal muscle. <i>FASEB Journal</i> , 2014 , 28, 2979-94 | 0.9 | 73 |
| 170 | Associations between sex steroids and the development of metabolic syndrome: a longitudinal study in European men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 1396-404 | 5.6 | 73 |
| 169 | Musculoskeletal frailty: a geriatric syndrome at the core of fracture occurrence in older age. <i>Calcified Tissue International</i> , 2012 , 91, 161-77 | 3.9 | 71 |
| 168 | Comparative analysis of the influence of the high-mobility group box 1 protein on DNA binding and transcriptional activation by the androgen, glucocorticoid, progesterone and mineralocorticoid receptors. <i>Biochemical Journal</i> , 2002 , 361, 97-103 | 3.8 | 69 |
| 167 | Androgen specificity of a response unit upstream of the human secretory component gene is mediated by differential receptor binding to an essential androgen response element. <i>Molecular Endocrinology</i> , 1999 , 13, 1558-70 | | 67 |
| 166 | Sex hormone-binding globulin regulation of androgen bioactivity in vivo: validation of the free hormone hypothesis. <i>Scientific Reports</i> , 2016 , 6, 35539 | 4.9 | 66 |
| 165 | Implications of a polyglutamine tract in the function of the human androgen receptor. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 306, 46-52 | 3.4 | 64 |
| 164 | Interaction of the Putative Androgen Receptor-Specific Coactivator ARA70/ELE1 with Multiple Steroid Receptors and Identification of an Internally Deleted ELE1 Isoform. <i>Molecular Endocrinology</i> , 1999 , 13, 117-128 | | 64 |
| 163 | Androgen receptor knockout and knock-in mouse models. <i>Journal of Molecular Endocrinology</i> , 2009 , 42, 11-7 | 4.5 | 63 |
| 162 | Targeting the BAF57 SWI/SNF subunit in prostate cancer: a novel platform to control androgen receptor activity. <i>Cancer Research</i> , 2008 , 68, 4551-8 | 10.1 | 63 |
| 161 | Superagonistic action of 14-epi-analogs of 1,25-dihydroxyvitamin D explained by vitamin D receptor-coactivator interaction. <i>Molecular Pharmacology</i> , 2005 , 67, 1566-73 | 4.3 | 63 |
| 160 | The hinge region in androgen receptor control. <i>Molecular and Cellular Endocrinology</i> , 2012 , 358, 1-8 | 4.4 | 62 |

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|-----|---|------|----|
| 159 | Trans-ancestry genome-wide association meta-analysis of prostate cancer identifies new susceptibility loci and informs genetic risk prediction. <i>Nature Genetics</i> , 2021 , 53, 65-75 | 36.3 | 62 |
| 158 | Differential effect of small ubiquitin-like modifier (SUMO)-ylation of the androgen receptor in the control of cooperativity on selective versus canonical response elements. <i>Molecular Endocrinology</i> , 2004 , 18, 1438-49 | | 61 |
| 157 | DNA recognition by nuclear receptors. <i>Essays in Biochemistry</i> , 2004 , 40, 59-72 | 7.6 | 61 |
| 156 | Fine-mapping of prostate cancer susceptibility loci in a large meta-analysis identifies candidate causal variants. <i>Nature Communications</i> , 2018 , 9, 2256 | 17.4 | 57 |
| 155 | Mechanisms of androgen receptor signalling via steroid receptor coactivator-1 in prostate. <i>Endocrine-Related Cancer</i> , 2004 , 11, 117-30 | 5.7 | 57 |
| 154 | Detailed functional studies on androgen receptor mild mutations demonstrate their association with male infertility. <i>Clinical Endocrinology</i> , 2008 , 68, 580-8 | 3.4 | 56 |
| 153 | Active vitamin D (1,25-dihydroxyvitamin D) and bone health in middle-aged and elderly men: the European Male Aging Study (EMAS). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 995-1005 | 5.6 | 55 |
| 152 | Characterization of the two coactivator-interacting surfaces of the androgen receptor and their relative role in transcriptional control. <i>Journal of Biological Chemistry</i> , 2002 , 277, 49230-7 | 5.4 | 55 |
| 151 | Identification of an androgen response element in intron 8 of the sterol regulatory element-binding protein cleavage-activating protein gene allowing direct regulation by the androgen receptor. <i>Journal of Biological Chemistry</i> , 2004 , 279, 30880-7 | 5.4 | 54 |
| 150 | DNA recognition by the androgen receptor: evidence for an alternative DNA-dependent dimerization, and an active role of sequences flanking the response element on transactivation. <i>Biochemical Journal</i> , 2003 , 369, 141-51 | 3.8 | 53 |
| 149 | Influence of nucleophosmin/B23 on DNA binding and transcriptional activity of the androgen receptor in prostate cancer cell. <i>Oncogene</i> , 2008 , 27, 2858-67 | 9.2 | 51 |
| 148 | Comparative analysis of the influence of the high-mobility group box 1 protein on DNA binding and transcriptional activation by the androgen, glucocorticoid, progesterone and mineralocorticoid receptors. <i>Biochemical Journal</i> , 2002 , 361, 97-103 | 3.8 | 51 |
| 147 | Androgen Deficiency Exacerbates High-Fat Diet-Induced Metabolic Alterations in Male Mice. <i>Endocrinology</i> , 2016 , 157, 648-65 | 4.8 | 50 |
| 146 | Endocrine determinants of incident sarcopenia in middle-aged and elderly European men. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2015 , 6, 242-52 | 10.3 | 49 |
| 145 | The Effect of F877L and T878A Mutations on Androgen Receptor Response to Enzalutamide. <i>Molecular Cancer Therapeutics</i> , 2016 , 15, 1702-12 | 6.1 | 48 |
| 144 | Evidence for DNA-binding domain–ligand-binding domain communications in the androgen receptor. <i>Molecular and Cellular Biology</i> , 2012 , 32, 3033-43 | 4.8 | 48 |
| 143 | Proteins interacting with an androgen-responsive unit in the C3(1) gene intron. <i>Molecular and Cellular Endocrinology</i> , 1993 , 94, 165-72 | 4.4 | 46 |
| 142 | Synthesis, biological evaluation and molecular modeling of a novel series of fused 1,2,3-triazoles as potential anti-coronavirus agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 3472-3476 | 2.9 | 46 |

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|-----|--|------|----|
| 141 | Shared heritability and functional enrichment across six solid cancers. <i>Nature Communications</i> , 2019 , 10, 431 | 17.4 | 45 |
| 140 | Sensitive routine liquid chromatography-tandem mass spectrometry method for serum estradiol and estrone without derivatization. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 8569-77 | 4.4 | 45 |
| 139 | Dual function of an amino-terminal amphipatic helix in androgen receptor-mediated transactivation through specific and nonspecific response elements. <i>Journal of Biological Chemistry</i> , 2003 , 278, 8212-8 | 5.4 | 45 |
| 138 | Androgen receptor uses relaxed response element stringency for selective chromatin binding and transcriptional regulation in vivo. <i>Nucleic Acids Research</i> , 2014 , 42, 4230-40 | 20.1 | 44 |
| 137 | Expression of Tubb3, a beta-tubulin isotype, is regulated by androgens in mouse and rat Sertoli cells. <i>Biology of Reproduction</i> , 2011 , 85, 934-45 | 3.9 | 44 |
| 136 | Interaction of androgen response elements with the DNA-binding domain of the rat androgen receptor expressed in Escherichia coli. <i>Journal of Biological Chemistry</i> , 1991 , 266, 3439-3443 | 5.4 | 43 |
| 135 | Once-yearly zoledronic acid in older men compared with women with recent hip fracture. <i>Journal of the American Geriatrics Society</i> , 2011 , 59, 2084-90 | 5.6 | 42 |
| 134 | Agonist-antagonist induced coactivator and corepressor interplay on the human androgen receptor. <i>Molecular and Cellular Endocrinology</i> , 2003 , 213, 79-85 | 4.4 | 42 |
| 133 | Osteoporosis in older men: recent advances in pathophysiology and treatment. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2013 , 27, 527-39 | 6.5 | 41 |
| 132 | Sequence-specific binding of androgen-receptor complexes to prostatic binding protein genes. <i>Molecular and Cellular Endocrinology</i> , 1990 , 74, 203-12 | 4.4 | 41 |
| 131 | Contributions of mean and shape of blood pressure distribution to worldwide trends and variations in raised blood pressure: a pooled analysis of 1018 population-based measurement studies with 88.6 million participants. <i>International Journal of Epidemiology</i> , 2018 , 47, 872-883i | 7.8 | 40 |
| 130 | Molecular cloning and characterization of multiple isoforms of the snowdrop (<i>Galanthus nivalis</i> L.) lectin. <i>Planta</i> , 1991 , 186, 35-43 | 4.7 | 40 |
| 129 | A 629RKLKK633 motif in the hinge region controls the androgen receptor at multiple levels. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 1919-27 | 10.3 | 39 |
| 128 | Interaction of androgen response elements with the DNA-binding domain of the rat androgen receptor expressed in Escherichia coli. <i>Journal of Biological Chemistry</i> , 1991 , 266, 3439-43 | 5.4 | 38 |
| 127 | Comparing the rules of engagement of androgen and glucocorticoid receptors. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 2217-2228 | 10.3 | 37 |
| 126 | Androgen-receptor-specific DNA binding to an element in the first exon of the human secretory component gene. <i>Biochemical Journal</i> , 2001 , 353, 611-620 | 3.8 | 37 |
| 125 | Differential DNA binding by the androgen and glucocorticoid receptors involves the second Zn-finger and a C-terminal extension of the DNA-binding domains. <i>Biochemical Journal</i> , 1999 , 341 (Pt 3), 515-21 | 3.8 | 37 |
| 124 | Identification of a multihormone responsive enhancer far upstream from the human tissue-type plasminogen activator gene. <i>Journal of Biological Chemistry</i> , 1997 , 272, 663-71 | 5.4 | 36 |

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| 123 | The androgen receptor DNA-binding domain determines androgen selectivity of transcriptional response. <i>Biochemical Society Transactions</i> , 2006 , 34, 1089-94 | 5.1 | 36 |
| 122 | The first exon of the human sc gene contains an androgen responsive unit and an interferon regulatory factor element. <i>Molecular and Cellular Endocrinology</i> , 1999 , 153, 91-102 | 4.4 | 36 |
| 121 | A human gene encoding diazepam-binding inhibitor/acy1-CoA-binding protein: transcription and hormonal regulation in the androgen-sensitive human prostatic adenocarcinoma cell line LNCaP. <i>DNA and Cell Biology</i> , 1996 , 15, 197-208 | 3.6 | 36 |
| 120 | Gain-of-function mutations in signal transducer and activator of transcription 1 (STAT1): chronic mucocutaneous candidiasis accompanied by enamel defects and delayed dental shedding. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 1209-13.e6 | 11.5 | 35 |
| 119 | The natural compound atraric acid is an antagonist of the human androgen receptor inhibiting cellular invasiveness and prostate cancer cell growth. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 2210-2223 | 5.6 | 34 |
| 118 | Enobosarm (GTx-024) Modulates Adult Skeletal Muscle Mass Independently of the Androgen Receptor in the Satellite Cell Lineage. <i>Endocrinology</i> , 2015 , 156, 4522-33 | 4.8 | 33 |
| 117 | Dynamic switching of active promoter and enhancer domains regulates Tet1 and Tet2 expression during cell state transitions between pluripotency and differentiation. <i>Molecular and Cellular Biology</i> , 2015 , 35, 1026-42 | 4.8 | 33 |
| 116 | Testosterone and the male skeleton: a dual mode of action. <i>Journal of Osteoporosis</i> , 2011 , 2011, 2403282.8 | | 32 |
| 115 | Differential DNA binding by the androgen and glucocorticoid receptors involves the second Zn-finger and a C-terminal extension of the DNA-binding domains. <i>Biochemical Journal</i> , 1999 , 341, 515 | 3.8 | 32 |
| 114 | Intronic androgen response elements of prostatic binding protein genes. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 191, 688-94 | 3.4 | 32 |
| 113 | Characterization of an androgen response element within the promoter of the epididymis-specific murine glutathione peroxidase 5 gene. <i>Molecular and Cellular Endocrinology</i> , 1997 , 129, 33-46 | 4.4 | 31 |
| 112 | Germline variation at 8q24 and prostate cancer risk in men of European ancestry. <i>Nature Communications</i> , 2018 , 9, 4616 | 17.4 | 30 |
| 111 | Ubiquitous transcription factors NF1 and Sp1 are involved in the androgen activation of the mouse vas deferens protein promoter. <i>Molecular and Cellular Endocrinology</i> , 1997 , 132, 13-23 | 4.4 | 29 |
| 110 | Identification of androgen-selective androgen-response elements in the human aquaporin-5 and Rad9 genes. <i>Biochemical Journal</i> , 2008 , 411, 679-86 | 3.8 | 29 |
| 109 | Novel insights in the regulation and mechanism of androgen action on bone. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2013 , 20, 240-4 | 4 | 28 |
| 108 | Androgens inhibit the osteogenic response to mechanical loading in adult male mice. <i>Endocrinology</i> , 2015 , 156, 1343-53 | 4.8 | 27 |
| 107 | Testosterone boosts physical activity in male mice via dopaminergic pathways. <i>Scientific Reports</i> , 2018 , 8, 957 | 4.9 | 27 |
| 106 | The androgen receptor has no direct antiresorptive actions in mouse osteoclasts. <i>Molecular and Cellular Endocrinology</i> , 2015 , 411, 198-206 | 4.4 | 27 |

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|-----|--|------|----|
| 105 | The role of single nucleotide polymorphisms in predicting prostate cancer risk and therapeutic decision making. <i>BioMed Research International</i> , 2014 , 2014, 627510 | 3 | 27 |
| 104 | Interaction of androgen and glucocorticoid receptor DNA-binding domains with their response elements. <i>Molecular and Cellular Endocrinology</i> , 1993 , 90, R11-6 | 4.4 | 27 |
| 103 | Comparative genomic and transcriptomic analyses of LNCaP and C4-2B prostate cancer cell lines. <i>PLoS ONE</i> , 2014 , 9, e90002 | 3.7 | 27 |
| 102 | Characterization of the human secretory component gene promoter. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1997 , 1350, 147-54 | | 26 |
| 101 | National trends in total cholesterol obscure heterogeneous changes in HDL and non-HDL cholesterol and total-to-HDL cholesterol ratio: a pooled analysis of 458 population-based studies in Asian and Western countries. <i>International Journal of Epidemiology</i> , 2020 , 49, 173-192 | 7.8 | 25 |
| 100 | The STAT3 Inhibitor Galiellalactone Reduces IL6-Mediated AR Activity in Benign and Malignant Prostate Models. <i>Molecular Cancer Therapeutics</i> , 2018 , 17, 2722-2731 | 6.1 | 25 |
| 99 | Drivers of AR indifferent anti-androgen resistance in prostate cancer cells. <i>Scientific Reports</i> , 2019 , 9, 13786 | 4.9 | 24 |
| 98 | Influence of bone remodelling rate on quantitative ultrasound parameters at the calcaneus and DXA BMDa of the hip and spine in middle-aged and elderly European men: the European Male Ageing Study (EMAS). <i>European Journal of Endocrinology</i> , 2011 , 165, 977-86 | 6.5 | 24 |
| 97 | The hinge region of the androgen receptor plays a role in proteasome-mediated transcriptional activation. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1030, 587-92 | 6.5 | 24 |
| 96 | A kindred with mutant IKAROS and autoimmunity. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 699-702.e12 | 11.5 | 23 |
| 95 | Androgens have antiresorptive effects on trabecular disuse osteopenia independent from muscle atrophy. <i>Bone</i> , 2016 , 93, 33-42 | 4.7 | 23 |
| 94 | Lower bone turnover and relative bone deficits in men with metabolic syndrome: a matter of insulin sensitivity? The European Male Ageing Study. <i>Osteoporosis International</i> , 2016 , 27, 3227-3237 | 5.3 | 23 |
| 93 | The discovery of novel human androgen receptor antagonist chemotypes using a combined pharmacophore screening procedure. <i>ChemMedChem</i> , 2013 , 8, 644-51 | 3.7 | 23 |
| 92 | NBBS isolated from <i>Pygeum africanum</i> bark exhibits androgen antagonistic activity, inhibits AR nuclear translocation and prostate cancer cell growth. <i>Investigational New Drugs</i> , 2010 , 28, 729-43 | 4.3 | 23 |
| 91 | Functional interplay between two response elements with distinct binding characteristics dictates androgen specificity of the mouse sex-limited protein enhancer. <i>Journal of Biological Chemistry</i> , 2002 , 277, 35191-201 | 5.4 | 23 |
| 90 | Genomic and epigenomic analysis of high-risk prostate cancer reveals changes in hydroxymethylation and TET1. <i>Oncotarget</i> , 2016 , 7, 24326-38 | 3.3 | 23 |
| 89 | Primary rat lacrimal cells undergo acinar-like morphogenesis on reconstituted basement membrane and express secretory component under androgen stimulation. <i>Experimental Cell Research</i> , 1998 , 238, 377-88 | 4.2 | 22 |
| 88 | The genomic landscape of prostate cancer. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 10822-51.3 | | 21 |

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|----|---|------|----|
| 87 | Regulation of androgen receptor-dependent transcription by coactivator MED1 is mediated through a newly discovered noncanonical binding motif. <i>Journal of Biological Chemistry</i> , 2012 , 287, 858-704 | 5.4 | 21 |
| 86 | Identification of a functional androgen-response element in the exon 1-coding sequence of the cystatin-related protein gene <i>crp2</i> . <i>Molecular Endocrinology</i> , 1997 , 11, 1033-43 | | 21 |
| 85 | Androgen-receptor-specific DNA binding to an element in the first exon of the human secretory component gene. <i>Biochemical Journal</i> , 2001 , 353, 611-20 | 3.8 | 21 |
| 84 | A role for selective androgen response elements in the development of the epididymis and the androgen control of the 5 α -reductase II gene. <i>FASEB Journal</i> , 2012 , 26, 4360-72 | 0.9 | 20 |
| 83 | Anti-androgenic properties of Compound A, an analog of a non-steroidal plant compound. <i>Molecular and Cellular Endocrinology</i> , 2003 , 201, 155-64 | 4.4 | 19 |
| 82 | Apparent coactivation due to interference of expression constructs with nuclear receptor expression. <i>Molecular and Cellular Endocrinology</i> , 2000 , 168, 21-9 | 4.4 | 19 |
| 81 | Molecular underpinnings of enzalutamide resistance. <i>Endocrine-Related Cancer</i> , 2018 , 25, R545-R557 | 5.7 | 18 |
| 80 | Healthy birth after testicular extraction of sperm and ICSI from an azoospermic man with mild androgen insensitivity syndrome caused by an androgen receptor partial loss-of-function mutation. <i>Clinical Endocrinology</i> , 2012 , 77, 593-8 | 3.4 | 18 |
| 79 | Variations in the exome of the LNCaP prostate cancer cell line. <i>Prostate</i> , 2012 , 72, 1317-27 | 4.2 | 18 |
| 78 | Defective Sec61 β underlies a novel cause of autosomal dominant severe congenital neutropenia. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 1180-1193 | 11.5 | 17 |
| 77 | Effects of sex hormone-binding globulin (SHBG) on androgen bioactivity in vitro. <i>Molecular and Cellular Endocrinology</i> , 2016 , 437, 280-291 | 4.4 | 17 |
| 76 | Androgenic induction of cystatin-related protein and the C3 component of prostatic binding protein in primary cultures from the rat lacrimal gland. <i>Molecular and Cellular Endocrinology</i> , 1996 , 121, 197-205 | 4.4 | 17 |
| 75 | Association of 25-hydroxyvitamin D, 1,25-dihydroxyvitamin D and parathyroid hormone with mortality among middle-aged and older European men. <i>Age and Ageing</i> , 2014 , 43, 528-35 | 3 | 16 |
| 74 | DNA demethylation-dependent AR recruitment and GATA factors drive <i>Rhox5</i> homeobox gene transcription in the epididymis. <i>Molecular Endocrinology</i> , 2012 , 26, 538-49 | | 16 |
| 73 | Sex steroids and the kidney: role in renal calcium and phosphate handling. <i>Molecular and Cellular Endocrinology</i> , 2018 , 465, 61-72 | 4.4 | 15 |
| 72 | The survival impact of neoadjuvant hormonal therapy before radical prostatectomy for treatment of high-risk prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2017 , 20, 407-412 | 6.2 | 14 |
| 71 | Nuclear extracts enhance the interaction of fusion proteins containing the DNA-binding domain of the androgen and glucocorticoid receptor with androgen and glucocorticoid response elements. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1994 , 48, 317-23 | 5.1 | 14 |
| 70 | Polygenic hazard score is associated with prostate cancer in multi-ethnic populations. <i>Nature Communications</i> , 2021 , 12, 1236 | 17.4 | 14 |

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