Martin Hill

List of Publications by Year
in descending order

187 papers	4,859 citations	81839 39 h-index	133188 59 g-index
192 all docs	192 docs citations	192 times ranked	5523 citing authors

#	Article	IF	Citations
1	Meal Frequency and Timing Are Associated with Changes in Body Mass Index in Adventist Health Study 2. Journal of Nutrition, 2017, 147, 1722-1728.	1.3	176
2	Crucial problems in regression modelling and their solutions. Analyst, The, 2002, 127, 433-450.	1.7	162
3	Eating two larger meals a day (breakfast and lunch) is more effective than six smaller meals in a reduced-energy regimen for patients with type 2 diabetes: a randomised crossover study. Diabetologia, 2014, 57, 1552-1560.	2.9	147
4	Dehydroepiandrosterone: A neuroactive steroid. Journal of Steroid Biochemistry and Molecular Biology, 2015, 145, 254-260.	1.2	119
5	Associations of bisphenol A and polychlorinated biphenyls with spermatogenesis and steroidogenesis in two biological fluids from men attending an infertility clinic. Environment International, 2016, 89-90, 166-173.	4.8	119
6	Insulin Sensitivity in Women with Polycystic Ovary Syndrome. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 2942-2945.	1.8	115
7	Identification of isoflavonoids in beer. Steroids, 1998, 63, 14-20.	0.8	97
8	Steroid metabolome in plasma from the umbilical artery, umbilical vein, maternal cubital vein and in amniotic fluid in normal and preterm labor. Journal of Steroid Biochemistry and Molecular Biology, 2010, 121, 594-610.	1.2	95
9	Insulin sensitivity and counter-regulatory hormones in hypothyroidism and during thyroid hormone replacement therapy. Clinical Chemistry and Laboratory Medicine, 2005, 43, 715-20.	1.4	94
10	Characterization of micromechanical structures using white-light interferometry. Measurement Science and Technology, 2003, 14, 1807-1814.	1.4	92
11	A Plant-Based Dietary Intervention Improves Beta-Cell Function and Insulin Resistance in Overweight Adults: A 16-Week Randomized Clinical Trial. Nutrients, 2018, 10, 189.	1.7	85
12	Effect of a Low-Fat Vegan Diet on Body Weight, Insulin Sensitivity, Postprandial Metabolism, and Intramyocellular and Hepatocellular Lipid Levels in Overweight Adults. JAMA Network Open, 2020, 3, e2025454.	2.8	85
13	Development and validation of LCâ€“MS/MS method for quantification of bisphenol A and estrogens in human plasma and seminal fluid. Talanta, 2015, 140, 62-67.	2.9	84
14	Neurosteroids: Cerebrospinal Fluid Levels for Alzheimerâ€™s Disease and Vascular Dementia Diagnostics. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 5199-5206.	1.8	82
15	Steroid profiling in pregnancy: A focus on the human fetus. Journal of Steroid Biochemistry and Molecular Biology, 2014, 139, 201-222.	1.2	72
16	Abdominal Radical Trachelectomy in Fertility-Sparing Treatment of Early-Stage Cervical Cancer. International Journal of Gynecological Cancer, 2009, 19, 1407-1411.	1.2	71
17	Insulin Sensitivity and Â-Cell Function in Women With Polycystic Ovary Syndrome. Diabetes Care, 2002, 25, 1217-1222.	4.3	68
18	Transformation in the PC-Aided Biochemical Data Analysis. Clinical Chemistry and Laboratory Medicine, 2000, 38, 553-9.	1.4	67

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19	Steroid metabolome in fetal and maternal body fluids in human late pregnancy. Journal of Steroid Biochemistry and Molecular Biology, 2010, 122, 114-132.	1.2	66
20	Radioimmunoassay of free genistein in human serum. Journal of Steroid Biochemistry and Molecular Biology, 1998, 64, 261-268.	1.2	64
21	Incretin levels in polycystic ovary syndrome. European Journal of Endocrinology, 2008, 159, 121-127.	1.9	64
22	Serum concentrations of some neuroactive steroids in women suffering from mixed anxiety-depressive disorder. Neurochemical Research, 2000, 25, 1623-1627.	1.6	59
23	Division of Lymphatic Vessels at Varicocelectomy Leads to Testicular Oedema and Decline in Testicular Function According to the LH-RH Analogue Stimulation Test. European Urology, 2003, 43, 430-435.	0.9	59
24	Development of a portable electroanalytical system for the stripping voltammetry of metals: Determination of copper in acetic acid soil extracts. Analytica Chimica Acta, 2005, 552, 190-200.	2.6	59
25	The intestinal microbiota and metabolites in patients with anorexia nervosa. Gut Microbes, 2021, 13, 1-25.	4.3	58
26	Circulating levels of pregnanolone isomers during the third trimester of human pregnancy. Journal of Steroid Biochemistry and Molecular Biology, 2007, 105, 166-175.	1.2	56
27	Neuroactive Pregnanolone Isomers during Pregnancy. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 395-403.	1.8	51
28	Marked elevation of adrenal steroids, especially androgens, in saliva of prepubertal autistic children. European Child and Adolescent Psychiatry, 2014, 23, 485-498.	2.8	51
29	Peripheral neuroactive steroids may be as good as the steroids in the cerebrospinal fluid for the diagnostics of CNS disturbances. Journal of Steroid Biochemistry and Molecular Biology, 2010, 119, 35-44.	1.2	49
30	Low-dose estrogen combined oral contraceptives may negatively influence physiological bone mineral density acquisition during adolescence. European Journal of Endocrinology, 2012, 166, 1003-1011.	1.9	49
31	Determination of steroid metabolome as a possible tool for laboratory diagnosis of schizophrenia. Journal of Steroid Biochemistry and Molecular Biology, 2013, 133, 77-83.	1.2	48
32	Immunoassay of 7-hydroxysteroids: 2. Radioimmunoassay of 7Î±-hydroxy-dehydroepiandrosterone. Journal of Steroid Biochemistry and Molecular Biology, 1999, 71, 231-237.	1.2	45
33	Sex- and Age-Related Changes in Epitestosterone in Relation to Pregnenolone Sulfate and Testosterone in Normal Subjects. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 2225-2231.	1.8	45
34	Altered profiles of serum neuroactive steroids in premenopausal women treated for alcohol addiction. Steroids, 2005, 70, 515-524.	0.8	45
35	Protection against dextran sodium sulfate-induced colitis by dehydroepiandrosterone and 7Î±-hydroxy-dehydroepiandrosterone in the rat. Steroids, 2006, 71, 240-248.	0.8	42
36	Serum Profiles of Free and Conjugated Neuroactive Pregnanolone Isomers in Nonpregnant Women of Fertile Age. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 3092-3099.	1.8	42

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37	Comparison of a high-carbohydrate and high-protein breakfast effect on plasma ghrelin, obestatin, NPY and PYY levels in women with anorexia and bulimia nervosa. Nutrition and Metabolism, 2012, 9, 52.	1.3	42
38	The Role of â€œMixedâ€•Orexigenic and Anorexigenic Signals and Autoantibodies Reacting with Appetite-Regulating Neuropeptides and Peptides of the Adipose Tissue-Gut-Brain Axis: Relevance to Food Intake and Nutritional Status in Patients with Anorexia Nervosa and Bulimia Nervosa. International Journal of Endocrinology, 2013, 2013, 1-21.	0.6	42
39	Laparoscopic Greater Curvature Plication in Morbidly Obese Women with Type 2 Diabetes: Effects on Glucose Homeostasis, Postprandial Triglyceridemia and Selected Gut Hormones. Obesity Surgery, 2014, 24, 718-726.	1.1	39
40	A Plant-Based Meal Increases Gastrointestinal Hormones and Satiety More Than an Energy- and Macronutrient-Matched Processed-Meat Meal in T2D, Obese, and Healthy Men: A Three-Group Randomized Crossover Study. Nutrients, 2019, 11, 157.	1.7	39
41	Immunoassay of 7-hydroxysteroids: 1. Radioimmunoassay of 7Î²-hydroxy dehydroepiandrosterone. Journal of Steroid Biochemistry and Molecular Biology, 1998, 67, 439-445.	1.2	38
42	Neuroactive steroids, their precursors, and polar conjugates during parturition and postpartum in maternal and umbilical blood: 1. identification and simultaneous determination of pregnanolone isomers. Journal of Steroid Biochemistry and Molecular Biology, 2000, 75, 237-244.	1.2	38
43	The UCP1 Gene Polymorphism A-3826G in Relation to DM2 and Body Composition in Czech Population. Experimental and Clinical Endocrinology and Diabetes, 2007, 115, 303-307.	0.6	38
44	Relationships of circulating pregnanolone isomers and their polar conjugates to the status of sex, menstrual cycle, and pregnancy. Journal of Endocrinology, 2007, 195, 67-78.	1.2	36
45	Interpretation of Sex Hormone-Binding Globulin Levels in Thyroid Disorders. Thyroid, 2003, 13, 755-760.	2.4	35
46	Glucose homeostasis and insulin resistance: prevalence, gender differences and predictors in adolescents. Diabetology and Metabolic Syndrome, 2014, 6, 100.	1.2	35
47	Differential Acute Postprandial Effects of Processed Meat and Isocaloric Vegan Meals on the Gastrointestinal Hormone Response in Subjects Suffering from Type 2 Diabetes and Healthy Controls: A Randomized Crossover Study. PLoS ONE, 2014, 9, e107561.	1.1	35
48	Two neuroactive steroids in midpregnancy as measured in maternal and fetal sera and in amniotic fluid. Steroids, 2002, 67, 399-402.	0.8	34
49	New methodology of influential point detection in regression model building for the prediction of metabolic clearance rate of glucose. Clinical Chemistry and Laboratory Medicine, 2004, 42, 311-22.	1.4	33
50	Immunoanalysis of isoflavonoids in Pisum sativum and Vigna radiata. Plant Science, 1999, 148, 111-119.	1.7	32
51	Age Relationships and Sex Differences in Serum Levels of Pregnenolone and 17-Hydroxypregnenolone in Normal Subjects. Clinical Chemistry and Laboratory Medicine, 1999, 37, 439-47.	1.4	31
52	Dehydroepiandrosterone, its metabolites and ion channels. Journal of Steroid Biochemistry and Molecular Biology, 2015, 145, 293-314.	1.2	31
53	The pathophysiological implications of circulating androgens on bone mineral density in a normal female population. Steroids, 2000, 65, 857-861.	0.8	29
54	Neuroactive steroids, their precursors and polar conjugates during parturition and postpartum in maternal blood: 2. Time profiles of pregnanolone isomers. Journal of Steroid Biochemistry and Molecular Biology, 2001, 78, 51-57.	1.2	29

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55	Fetal complications due to intrahepatic cholestasis of pregnancy. Journal of Perinatal Medicine, 2015, 43, 133-139.	0.6	29
56	Voltammetric behaviour at gold electrodes immersed in the BCR sequential extraction scheme media. Analytica Chimica Acta, 2004, 502, 195-206.	2.6	28
57	Steroid sulfatase and sulfuryl transferase activity in monkey brain tissue. Steroids, 2005, 70, 960-969.	0.8	28
58	Elimination of cross-reactivity by addition of an excess of cross-reactant for radioimmunoassay of 17Î±-hydroxypregnenolone. Steroids, 1999, 64, 341-355.	0.8	27
59	7-Hydroxydehydroepiandrosterone epimers in human serum and saliva. Journal of Chromatography A, 2001, 935, 297-307.	1.8	27
60	Apolipoprotein E gene determines serum testosterone and dehydroepiandrosterone levels in postmenopausal women. European Journal of Endocrinology, 2002, 147, 503-506.	1.9	27
61	Free testosterone and free dihydrotestosterone throughout the life span of men. Journal of Steroid Biochemistry and Molecular Biology, 2009, 116, 118-120.	1.2	27
62	Lipidomic analysis of plasma, erythrocytes and lipoprotein fractions of cardiovascular disease patients using UHPLC/MS, MALDI-MS and multivariate data analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 990, 52-63.	1.2	27
63	Prevalence of insulin resistance and prediction of glucose intolerance and type 2 diabetes mellitus in women with polycystic ovary syndrome. Clinical Chemistry and Laboratory Medicine, 2007, 45, 639-44.	1.4	25
64	Plasma levels of 7-hydroxylated dehydroepiandrosterone (DHEA) metabolites and selected amino-thiols as discriminatory tools of Alzheimer's disease and vascular dementia. Clinical Chemistry and Laboratory Medicine, 2004, 42, 518-24.	1.4	24
65	A Comprehensive Evaluation of Steroid Metabolism in Women with Intrahepatic Cholestasis of Pregnancy. PLoS ONE, 2016, 11, e0159203.	1.1	24
66	A Plant-Based Meal Stimulates Incretin and Insulin Secretion More Than an Energy- and Macronutrient-Matched Standard Meal in Type 2 Diabetes: A Randomized Crossover Study. Nutrients, 2019, 11, 486.	1.7	24
67	Factors Affecting Spontaneous Voiding Recovery After Radical Hysterectomy. International Journal of Gynecological Cancer, 2010, 20, 685-690.	1.2	23
68	Prebiotics Do Not Influence the Severity of Atopic Dermatitis in Infants: A Randomised Controlled Trial. PLoS ONE, 2015, 10, e0142897.	1.1	23
69	7-Hydroxydehydroepiandrosterone epimers in the life span. Journal of Steroid Biochemistry and Molecular Biology, 2001, 78, 367-372.	1.2	22
70	Steroid hormones in prediction of normal pressure hydrocephalus. Journal of Steroid Biochemistry and Molecular Biology, 2015, 152, 124-132.	1.2	22
71	Radioimmunoassay of three deoxycorticoids in human plasma following HPLC separation. Steroids, 1995, 60, 615-620.	0.8	21
72	Immunomodulatory 7-hydroxylated metabolites of dehydroepiandrosterone are present in human semen. Journal of Steroid Biochemistry and Molecular Biology, 2000, 75, 273-276.	1.2	21

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73	The identification and simultaneous quantification of 7-hydroxylated metabolites of pregnenolone, dehydroepiandrosterone, 3Î²,17Î²-androstenediol, and testosterone in human serum using gas chromatographyâ€“mass spectrometry. Journal of Steroid Biochemistry and Molecular Biology, 2005, 96, 187-200.	1.2	21
74	Role of D327N sex hormone-binding globulin gene polymorphism in the pathogenesis of polycystic ovary syndrome. Journal of Steroid Biochemistry and Molecular Biology, 2007, 104, 68-74.	1.2	21
75	Endocrine disruptors and other inhibitors of 11Î²-hydroxysteroid dehydrogenase 1 and 2: Tissue-specific consequences of enzyme inhibition. Journal of Steroid Biochemistry and Molecular Biology, 2016, 155, 207-216.	1.2	21
76	Determinants of Circulating Adiponectin in Women with Polycystic Ovary Syndrome. Gynecologic and Obstetric Investigation, 2005, 60, 155-161.	0.7	20
77	The steroid metabolome in lamotrigine-treated women with epilepsy. Steroids, 2011, 76, 1351-1357.	0.8	20
78	Preliminary evidence of altered steroidogenesis in women with Alzheimerâ€™s disease: Have the patients â€œOLDERâ€•adrenal zona reticularis?. Journal of Steroid Biochemistry and Molecular Biology, 2016, 158, 157-177.	1.2	20
79	Insulin sensitivity and its relation to hormones in adolescent boys and girls. Metabolism: Clinical and Experimental, 2017, 67, 90-98.	1.5	20
80	Simultaneous determination of dehydroepiandrosterone, its 7-hydroxylated metabolites, and their sulfates in rat brain tissues. Steroids, 2004, 69, 667-674.	0.8	19
81	The effect of meal frequency in a reduced-energy regimen on the gastrointestinal and appetite hormones in patients with type 2 diabetes: A randomised crossover study. PLoS ONE, 2017, 12, e0174820.	1.1	19
82	Effects of valproate and carbamazepine monotherapy on neuroactive steroids, their precursors and metabolites in adult men with epilepsy. Journal of Steroid Biochemistry and Molecular Biology, 2010, 122, 239-252.	1.2	18
83	Current Aspects of the Role of Autoantibodies Directed Against Appetite-Regulating Hormones and the Gut Microbiome in Eating Disorders. Frontiers in Endocrinology, 2021, 12, 613983.	1.5	18
84	Determination of 17Î±-hydroxypregnenolone sulfate and its application in diagnostics. Steroids, 2007, 72, 323-327.	0.8	17
85	â€œA Vegetarian vs. Conventional Hypocaloric Diet: The Effect on Physical Fitness in Response to Aerobic Exercise in Patients with Type 2 Diabetes.â€•A Parallel Randomized Study. Nutrients, 2016, 8, 671.	1.7	17
86	The Effect of a Vegetarian vs Conventional Hypocaloric Diabetic Diet on Thigh Adipose Tissue Distribution in Subjects with Type 2 Diabetes: A Randomized Study. Journal of the American College of Nutrition, 2017, 36, 364-369.	1.1	17
87	Plasma Thiols and Androgen Levels in Polycystic Ovary Syndrome. Clinical Chemistry and Laboratory Medicine, 2003, 41, 216-21.	1.4	16
88	Derivatives of 16Î±-hydroxy-dehydroepiandrosterone with an additional 7-oxo or 7-hydroxy substituent: Synthesis and gas chromatography/mass spectrometry analysis. Steroids, 2005, 70, 739-749.	0.8	16
89	Studies on the Mechanism of Antiglucocorticoid Action of 7Î±-Hydroxydehydroepiandrosterone. Collection of Czechoslovak Chemical Communications, 1998, 63, 1683-1698.	1.0	16
90	Wafer-level thin-film encapsulation for MEMS. Microelectronic Engineering, 2009, 86, 1311-1313.	1.1	15

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91	Glucocorticoids Reduce Aberrant O-Glycosylation of IgA1 in IgA Nephropathy Patients. Kidney and Blood Pressure Research, 2018, 43, 350-359.	0.9	15
92	Neuro- and immunomodulatory steroids and other biochemical markers in drug-naive schizophrenia patients and the effect of treatment with atypical antipsychotics. Neuroendocrinology Letters, 2011, 32, 141-7.	0.2	15
93	Neuroactive steroids, their precursors and polar conjugates during parturition and postpartum in maternal and umbilical blood: 3.3Î²-hydroxy-5-ene steroids. Journal of Steroid Biochemistry and Molecular Biology, 2002, 82, 241-250.	1.2	14
94	The content of four immunomodulatory steroids and major androgens in human semen. Journal of Steroid Biochemistry and Molecular Biology, 2003, 84, 307-316.	1.2	14
95	Steroid sulfatase and sulfuryl transferase activities in human brain tumors. Journal of Steroid Biochemistry and Molecular Biology, 2008, 109, 31-39.	1.2	14
96	Effect of telmisartan on selected adipokines, insulin sensitivity, and substrate utilization during insulin-stimulated conditions in patients with metabolic syndrome and impaired fasting glucose. European Journal of Endocrinology, 2010, 163, 573-583.	1.9	14
97	Novel GC-MS/MS Technique Reveals a Complex Steroid Fingerprint of Subclinical Hypercortisolism in Adrenal Incidentalomas. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3545-3556.	1.8	14
98	Immunomodulatory cytokines in human seminal plasma correlate with immunomodulatory steroids. Steroids, 2003, 68, 725-731.	0.8	13
99	Low maternal serum matrix metalloproteinase (MMP)-2 concentrations are associated with preterm labor and fetal inflammatory response. Journal of Perinatal Medicine, 2010, 38, 589-96.	0.6	13
100	Carbon dioxide insufflation during colonoscopy in inflammatory bowel disease patients. European Journal of Gastroenterology and Hepatology, 2017, 29, 355-359.	0.8	13
101	Serum steroid profiling in Cushingâ€™s syndrome patients. Journal of Steroid Biochemistry and Molecular Biology, 2019, 192, 105410.	1.2	13
102	Steroid Sulfation in Neurodegenerative Diseases. Frontiers in Molecular Biosciences, 2022, 9, 839887.	1.6	13
103	Radioimmunological and Chromatographic Properties of Tyrosine Methyl Ester Conjugates with Stereoisomeric Steroid Carboxy Derivatives. Collection of Czechoslovak Chemical Communications, 1996, 61, 799-807.	1.0	12
104	Allopregnanolone, pregnenolone sulfate, and epitestosterone in breast cyst fluid. Steroids, 2001, 66, 55-57.	0.8	12
105	Steroids, Sex Hormone-Binding Globulin, Homocysteine, Selected Hormones and Markers of Lipid and Carbohydrate Metabolism in Patients with Severe Hypothyroidism and Their Changes Following Thyroid Hormone Supplementation. Clinical Chemistry and Laboratory Medicine, 2003, 41, 284-92.	1.4	12
106	Modelling and performance evaluation of a MEMS dc/dc converter. Journal of Micromechanics and Microengineering, 2006, 16, S149-S155.	1.5	12
107	The distribution of placental oxidoreductase isoforms provides different milieus of steroids influencing pregnancy in the maternal and fetal compartment. Hormone Molecular Biology and Clinical Investigation, 2010, 4, 581-600.	0.3	12
108	Analysis of Large and Small Samples of Biochemical and Clinical Data.. Clinical Chemistry and Laboratory Medicine, 2001, 39, 53-61.	1.4	11

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109	Effect of Treatment of Hypothyroidism on the Plasma Concentrations of Neuroactive Steroids and Homocysteine. Clinical Chemistry and Laboratory Medicine, 2001, 39, 753-7.	1.4	11
110	Vitamin D receptor polymorphisms, bone ultrasound and mineral density in post-menopausal women. Aging Clinical and Experimental Research, 2005, 17, 121-124.	1.4	11
111	Adrenocortical function in young adults with diabetes mellitus type 1. Journal of Steroid Biochemistry and Molecular Biology, 2010, 122, 35-41.	1.2	11
112	Alteration of the steroidogenesis in boys with autism spectrum disorders. Translational Psychiatry, 2020, 10, 340.	2.4	11
113	Altered Serum Immunological and Biochemical Parameters and Microbiota Composition in Patients With AN During Realimentation. Frontiers in Nutrition, 2021, 8, 680870.	1.6	11
114	The identification and simultaneous quantification of neuroactive androstane steroids and their polar conjugates in the serum of adult men, using gas chromatographyâ€“mass spectrometry. Steroids, 2007, 72, 792-801.	0.8	10
115	The differences between aromatizable and non-aromatizable androgens in relation to body composition and metabolic syndrome risk factors in men. Journal of Steroid Biochemistry and Molecular Biology, 2012, 132, 105-111.	1.2	10
116	Water-Aided Colonoscopy in Inflammatory Bowel Disease Patientsâ€”A Randomised, Single-Centre Trial. Journal of Crohn's and Colitis, 2015, 9, 720-724.	0.6	10
117	The Effect of Meal Frequency on the Fatty Acid Composition of Serum Phospholipids in Patients with Type 2 Diabetes. Journal of the American College of Nutrition, 2016, 35, 317-325.	1.1	10
118	Kinetics of gasification of Czech brown coals. Fuel, 1993, 72, 525-529.	3.4	9
119	Synthesis of two new haptens of 16Î±-hydroxydehydroepiandrosterone (3Î²,16Î±-dihydroxyandrost-5-en-17-one). Steroids, 2003, 68, 149-158.	0.8	9
120	A higher response of plasma neuropeptide Y, growth hormone, leptin levels and extracellular glycerol levels in subcutaneous abdominal adipose tissue to Acipimox during exercise in patients with bulimia nervosa: single-blind, randomized, microdialysis study. Nutrition and Metabolism, 2011, 8, 81.	1.3	9
121	Vegetarian vs. conventional diabetic diet - A 1-year follow-up. Cor Et Vasa, 2014, 56, e140-e144.	0.1	9
122	Circulating steroids negatively correlate with tinnitus. Steroids, 2017, 123, 37-42.	0.8	9
123	Epithelial markers of colorectal carcinogenesis in ulcerative colitis and primary sclerosing cholangitis. World Journal of Gastroenterology, 2013, 19, 2234.	1.4	9
124	Relation of prediabetes and type 2 diabetes mellitus to thyroid cancer. Endocrine Connections, 2020, 9, 607-616.	0.8	9
125	Delayed effects of short-term transdermal application of 7-oxo-dehydroepiandrosterone on its metabolites, some hormonal steroids and relevant proteohormones in healthy male volunteers. Clinical Chemistry and Laboratory Medicine, 2005, 43, 221-7.	1.4	8
126	Acipimox during exercise points to an inhibitory feedback of GH on ghrelin secretion in bulimic and healthy women. Regulatory Peptides, 2011, 167, 134-139.	1.9	8

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127	The utility of fasting plasma glucose to identify impaired glucose metabolism in women with polycystic ovary syndrome. Gynecological Endocrinology, 2014, 30, 664-666.	0.7	8
128	Activation of Adrenal Steroidogenesis and an Improvement of Mood Balance in Postmenopausal Females after Spa Treatment Based on Physical Activity. International Journal of Molecular Sciences, 2019, 20, 3687.	1.8	8
129	Acipimox Administration With Exercise Induces a Co-feedback Action of the GH, PP, and PYY on Ghrelin Associated With a Reduction of Peripheral Lipolysis in Bulimic and Healthy-Weight Czech Women: A Randomized Study. Frontiers in Endocrinology, 2019, 10, 108.	1.5	8
130	Daily Profiles of Dehydroepiandrosterone and Its Hydroxylated Metabolites with Respect to Food Intake. Prague Medical Report, 2015, 116, 40-48.	0.4	8
131	Association between serum undercarboxylated osteocalcin and bone density and/or quality in early postmenopausal women. Nutrition, 2003, 19, 1001-1003.	1.1	7
132	Synthesis of [19-2H3]-analogs of dehydroepiandrosterone and pregnenolone and their sulfates. Steroids, 2004, 69, 161-171.	0.8	7
133	Long-term 1,25(OH)2 vitamin D therapy increases bone mineral density in osteopenic women. Comparison with the effect of plain vitamin D. Aging Clinical and Experimental Research, 2007, 19, 472-477.	1.4	7
134	Insulin Sensitivity and Secretion in Obese Type 2 Diabetic Women after Various Bariatric Operations. Obesity Facts, 2016, 9, 410-423.	1.6	7
135	The role of steroids in the prediction of affective disorders in adult men. Steroids, 2017, 121, 47-53.	0.8	7
136	Changes of BMI, steroid metabolome and psychopathology in patients with anorexia nervosa during hospitalization. Steroids, 2020, 153, 108523.	0.8	7
137	A plant-based meal affects thalamus perfusion differently than an energy- and macronutrient-matched conventional meal in men with type 2 diabetes, overweight/obese, and healthy men: A three-group randomized crossover study. Clinical Nutrition, 2021, 40, 1822-1833.	2.3	7
138	Effects of Transcranial Direct Current Stimulation Treatment for Anorexia Nervosa. Frontiers in Psychiatry, 2021, 12, 717255.	1.3	7
139	The relationship between adolescent obesity and pelvis dimensions in adulthood: a retrospective longitudinal study. PeerJ, 2020, 8, e8951.	0.9	7
140	Yoga exercise intervention improves balance control and prevents falls in seniors aged 65+. Zdravstveno Varstvo, 2022, 61, 85-92.	0.6	7
141	Novel and Traditional Biomarkers of Bone Turnover in Postmenopausal Women. Clinical Chemistry and Laboratory Medicine, 2003, 41, 74-8.	1.4	6
142	Gas chromatographicâ€“mass spectrometric identification of 16Î±-hydroxy-dehydroepiandrosterone in human seminal plasma. Steroids, 2004, 69, 773-777.	0.8	6
143	A novel radioimmunoassay of 16Î±-hydroxy-dehydroepiandrosterone and its physiological levels. Journal of Steroid Biochemistry and Molecular Biology, 2007, 104, 130-135.	1.2	6
144	Comparison of corticoid substitutionversuscombined oral contraception administration in the treatment of non-classic adrenal hyperplasia: A prospective study. Gynecological Endocrinology, 2009, 25, 398-402.	0.7	6

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145	Cigarette smoking and progesterone and androgen metabolites in premenopausal women. Hormone Molecular Biology and Clinical Investigation, 2011, 6, 259-64.	0.3	6
146	Circulating C19 steroids and progesterone metabolites in women with acute depression and anxiety disorders. Hormone Molecular Biology and Clinical Investigation, 2016, 26, 153-164.	0.3	6
147	Decentralized Optimal Control for Photovoltaic Systems Using Prediction in the Distribution Systems. Energies, 2021, 14, 3973.	1.6	6
148	The Neuroactive Steroid Pregnanolone Glutamate: Anticonvulsant Effect, Metabolites and Its Effect on Neurosteroid Levels in Developing Rat Brains. Pharmaceuticals, 2022, 15, 49.	1.7	6
149	Thyroid Cancer Detection in a Routine Clinical Setting: Performance of ACR TI-RADS, FNAC, and Molecular Testing in Prospective Cohort Study. Biomedicines, 2022, 10, 954.	1.4	6
150	Reinstatement of Serum Pregnanolone Isomers and Progesterone During Alcohol Detoxification Therapy in Premenopausal Women. Alcoholism: Clinical and Experimental Research, 2005, 29, 1010-1017.	1.4	5
151	A short-term yoga-based intervention improves balance control, body composition, and some aspects of mental health in the elderly men. Acta Gymnica, 2020, 50, 16-27.	1.1	5
152	Syntheses of 19-[O-(carboxymethyl)oxime] haptens of epipregnanolone and pregnanolone. Steroids, 2006, 71, 120-128.	0.8	4
153	Low-density lipoprotein receptor-related protein 5 and vitamin D receptor gene polymorphisms in relation to vitamin D levels in menopause. Clinical Chemistry and Laboratory Medicine, 2006, 44, 1066-9.	1.4	4
154	Short-term exercise combined with Acipimox administration induces an increase in plasma ACTH and its subsequent fall in the recovery phase in bulimic women. Regulatory Peptides, 2013, 182, 45-52.	1.9	4
155	Postprandial Oxidative Stress and Gastrointestinal Hormones: Is There a Link?. PLoS ONE, 2014, 9, e103565.	1.1	4
156	Analysis of Postprandial Glycemia in Relation to Metabolic Compensation and Other Observed Parameters of Outpatients with Type 2 Diabetes Mellitus in the Czech Republic. Diabetes Therapy, 2018, 9, 665-672.	1.2	4
157	Rapid Immunoassay for Pregnenolone Sulfate and Its Applications in Endocrinology. Collection of Czechoslovak Chemical Communications, 2002, 67, 140-162.	1.0	4
158	Synthetic Approach to 5Î±-Pregnanolone 19-[O-(Carboxymethyl)oxime] Derivatives. Collection of Czechoslovak Chemical Communications, 2004, 69, 1805-1817.	1.0	4
159	How Smoking Cessation Influence Hormonal Levels in Postmenopausal Women?. Prague Medical Report, 2014, 115, 60-66.	0.4	4
160	How Does Energy Intake Influence the Levels of Certain Steroids?. Prague Medical Report, 2015, 116, 290-302.	0.4	4
161	Epitestosterone in Human Blood and Prostatic Tissue. Clinical Chemistry and Laboratory Medicine, 1997, 35, 469-73.	1.4	3
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