

Martin Hill

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.

184
papers

3,735
citations

36
h-index

51
g-index

192
ext. papers

4,233
ext. citations

4.3
avg, IF

5.05
L-index

#	Paper	IF	Citations
184	Effect of Inferior Alveolar Nerve Transection on the Inorganic Component of Molars of Rat Mandible.. <i>Prague Medical Report</i> , 2022 , 123, 5-19	0.7	
183	Steroid Sulfation in Neurodegenerative Diseases.. <i>Frontiers in Molecular Biosciences</i> , 2022 , 9, 839887	5.6	1
182	Are There Sex Differences in Balance Performance after a Short-Term Physical Intervention in Seniors 65+? A Randomized Controlled Trial. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 3452	2.6	
181	Yoga Exercise Intervention Improves Balance Control and Prevents Falls in Seniors Aged 65.. <i>Zdravstveno Varstvo</i> , 2022 , 61, 85-92	1.3	2
180	Thyroid Cancer Detection in a Routine Clinical Setting: Performance of ACR TI-RADS, FNAC and Molecular Testing in Prospective Cohort Study. <i>Biomedicines</i> , 2022 , 10, 954	4.8	0
179	Effects of Transcranial Direct Current Stimulation Treatment for Anorexia Nervosa. <i>Frontiers in Psychiatry</i> , 2021 , 12, 717255	5	
178	Current Aspects of the Role of Autoantibodies Directed Against Appetite-Regulating Hormones and the Gut Microbiome in Eating Disorders. <i>Frontiers in Endocrinology</i> , 2021 , 12, 613983	5.7	7
177	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. <i>Clinical Nutrition</i> , 2021 , 40, 1822-1833	5.9	2
176	Decentralized Optimal Control for Photovoltaic Systems Using Prediction in the Distribution Systems. <i>Energies</i> , 2021 , 14, 3973	3.1	2
175	Altered Serum Immunological and Biochemical Parameters and Microbiota Composition in Patients With AN During Realimentation. <i>Frontiers in Nutrition</i> , 2021 , 8, 680870	6.2	5
174	A plant-based meal reduces postprandial oxidative and dicarbonyl stress in men with diabetes or obesity compared with an energy- and macronutrient-matched conventional meal in a randomized crossover study. <i>Nutrition and Metabolism</i> , 2021 , 18, 84	4.6	0
173	The intestinal microbiota and metabolites in patients with anorexia nervosa. <i>Gut Microbes</i> , 2021 , 13, 1-25	8.8	8
172	The Neuroactive Steroid Pregnanolone Glutamate: Anticonvulsant Effect, Metabolites and Its Effect on Neurosteroid Levels in Developing Rat Brains.. <i>Pharmaceuticals</i> , 2021 , 15,	5.2	1
171	Effect of inferior alveolar nerve transection on the inorganic component of bone of rat mandible. <i>Journal of Musculoskeletal Neuronal Interactions</i> , 2020 , 20, 272-281	1.3	
170	The relationship between adolescent obesity and pelvis dimensions in adulthood: a retrospective longitudinal study. <i>PeerJ</i> , 2020 , 8, e8951	3.1	3
169	A short-term yoga-based intervention improves balance control, body composition, and some aspects of mental health in the elderly men. <i>Acta Gymnica</i> , 2020 , 50, 16-27	0.6	3
168	Relations of prediabetes and type 2 diabetes to the thyroid cancer. <i>Endocrine Connections</i> , 2020 ,	3.5	2

167	Alteration of the steroidogenesis in boys with autism spectrum disorders. <i>Translational Psychiatry</i> , 2020 , 10, 340	8.6	5
166	Changes of BMI, steroid metabolome and psychopathology in patients with anorexia nervosa during hospitalization. <i>Steroids</i> , 2020 , 153, 108523	2.8	3
165	Effect of a Low-Fat Vegan Diet on Body Weight, Insulin Sensitivity, Postprandial Metabolism, and Intramyocellular and Hepatocellular Lipid Levels in Overweight Adults: A Randomized Clinical Trial. <i>JAMA Network Open</i> , 2020 , 3, e2025454	10.4	24
164	Serum steroid profiling in Cushing [®] syndrome patients. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 192, 105410	5.1	7
163	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. <i>Nutrients</i> , 2019 , 11,	6.7	9
162	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. <i>Frontiers in Endocrinology</i> , 2019 , 10, 108	5.7	7
161	Novel GC-MS/MS Technique Reveals a Complex Steroid Fingerprint of Subclinical Hypercortisolism in Adrenal Incidentalomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 3545-3556	5.6	7
160	Activation of Adrenal Steroidogenesis and an Improvement of Mood Balance in Postmenopausal Females after Spa Treatment Based on Physical Activity. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
159	Analysis of balance ability in senior age related to quality of life indicators. <i>Kontakt</i> , 2019 , 21, 320-325	0.3	1
158	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. <i>Nutrients</i> , 2019 , 11,	6.7	18
157	Analysis of Postprandial Glycemia in Relation to Metabolic Compensation and Other Observed Parameters of Outpatients with Type 2 Diabetes Mellitus in the Czech Republic. <i>Diabetes Therapy</i> , 2018 , 9, 665-672	3.6	4
156	Glucocorticoids Reduce Aberrant O-Glycosylation of IgA1 in IgA Nephropathy Patients. <i>Kidney and Blood Pressure Research</i> , 2018 , 43, 350-359	3.1	10
155	Androst-5-ene-3 β ,17 β -diols, their plasma levels and dependence on the hypothalamic-pituitary-adrenal axis. <i>Steroids</i> , 2018 , 134, 88-95	2.8	2
154	The response of C19- and some C21-steroids during Synacthen and insulin tolerance test. <i>Steroids</i> , 2018 , 139, 53-59	2.8	
153	A Plant-Based Dietary Intervention Improves Beta-Cell Function and Insulin Resistance in Overweight Adults: A 16-Week Randomized Clinical Trial. <i>Nutrients</i> , 2018 , 10,	6.7	43
152	Ioduria and type 1 diabetes mellitus - Relationships to selected clinical markers of diabetes in adults. <i>Journal of Applied Biomedicine</i> , 2017 , 15, 146-150	0.6	2
151	Circulating steroids negatively correlate with tinnitus. <i>Steroids</i> , 2017 , 123, 37-42	2.8	6
150	The Effect of a Vegetarian vs Conventional Hypocaloric Diabetic Diet on Thigh Adipose Tissue Distribution in Subjects with Type 2 Diabetes: A Randomized Study. <i>Journal of the American College of Nutrition</i> , 2017 , 36, 364-369	3.5	13

149	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. <i>PLoS ONE</i> , 2017 , 12, e0174820	3.7	8
148	Carbon dioxide insufflation during colonoscopy in inflammatory bowel disease patients: a double-blind, randomized, single-center trial. <i>European Journal of Gastroenterology and Hepatology</i> , 2017 , 29, 355-359	2.2	9
147	Meal Frequency and Timing Are Associated with Changes in Body Mass Index in Adventist Health Study 2. <i>Journal of Nutrition</i> , 2017 , 147, 1722-1728	4.1	104
146	Insulin sensitivity and its relation to hormones in adolescent boys and girls. <i>Metabolism: Clinical and Experimental</i> , 2017 , 67, 90-98	12.7	12
145	The role of steroids in the prediction of affective disorders in adult men. <i>Steroids</i> , 2017 , 121, 47-53	2.8	7
144	Endocrine disruptors and other inhibitors of 11 β -hydroxysteroid dehydrogenase 1 and 2: Tissue-specific consequences of enzyme inhibition. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016 , 155, 207-16	5.1	17
143	Preliminary evidence of altered steroidogenesis in women with Alzheimer's disease: Have the patients "OLDER" adrenal zona reticularis?. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016 , 158, 157-177	5.1	17
142	Associations of bisphenol A and polychlorinated biphenyls with spermatogenesis and steroidogenesis in two biological fluids from men attending an infertility clinic. <i>Environment International</i> , 2016 , 89-90, 166-73	12.9	87
141	The Effect of Meal Frequency on the Fatty Acid Composition of Serum Phospholipids in Patients with Type 2 Diabetes. <i>Journal of the American College of Nutrition</i> , 2016 , 35, 317-25	3.5	10
140	Intramyocellular lipid content in subjects with impaired fasting glucose after telmisartan treatment, a randomised cross-over trial. <i>Magnetic Resonance Imaging</i> , 2016 , 34, 353-8	3.3	
139	The Response of C19 β -steroids to ACTH Stimulation and Hypoglycemia in Insulin Tolerance Test for Adrenal Insufficiency. <i>Prague Medical Report</i> , 2016 , 117, 98-107	0.7	2
138	"A Vegetarian vs. Conventional Hypocaloric Diet: The Effect on Physical Fitness in Response to Aerobic Exercise in Patients with Type 2 Diabetes." A Parallel Randomized Study. <i>Nutrients</i> , 2016 , 8,	6.7	11
137	A Comprehensive Evaluation of Steroid Metabolism in Women with Intrahepatic Cholestasis of Pregnancy. <i>PLoS ONE</i> , 2016 , 11, e0159203	3.7	13
136	Insulin Sensitivity and Secretion in Obese Type 2 Diabetic Women after Various Bariatric Operations. <i>Obesity Facts</i> , 2016 , 9, 410-423	5.1	4
135	Circulating C19 steroids and progesterone metabolites in women with acute depression and anxiety disorders. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2016 , 26, 153-64	1.3	5
134	Lipidomic analysis of plasma, erythrocytes and lipoprotein fractions of cardiovascular disease patients using UHPLC/MS, MALDI-MS and multivariate data analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 990, 52-63	3.2	23
133	Development and validation of LC-MS/MS method for quantification of bisphenol A and estrogens in human plasma and seminal fluid. <i>Talanta</i> , 2015 , 140, 62-67	6.2	66
132	Water-Aided Colonoscopy in Inflammatory Bowel Disease Patients-A Randomised, Single-Centre Trial. <i>Journal of Crohns and Colitis</i> , 2015 , 9, 720-4	1.5	9

131	Dehydroepiandrosterone: a neuroactive steroid. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 145, 254-60	5.1	95
130	Dehydroepiandrosterone, its metabolites and ion channels. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 145, 293-314	5.1	31
129	Steroid hormones in prediction of normal pressure hydrocephalus. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 152, 124-32	5.1	18
128	Fetal complications due to intrahepatic cholestasis of pregnancy. <i>Journal of Perinatal Medicine</i> , 2015 , 43, 133-9	2.7	20
127	Prebiotics Do Not Influence the Severity of Atopic Dermatitis in Infants: A Randomised Controlled Trial. <i>PLoS ONE</i> , 2015 , 10, e0142897	3.7	20
126	Daily profiles of dehydroepiandrosterone and its hydroxylated metabolites with respect to food intake. <i>Prague Medical Report</i> , 2015 , 116, 40-8	0.7	8
125	How Does Energy Intake Influence the Levels of Certain Steroids?. <i>Prague Medical Report</i> , 2015 , 116, 290-302	0.7	3
124	Steroid profiling in pregnancy: a focus on the human fetus. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 139, 201-22	5.1	56
123	Marked elevation of adrenal steroids, especially androgens, in saliva of prepubertal autistic children. <i>European Child and Adolescent Psychiatry</i> , 2014 , 23, 485-98	5.5	36
122	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. <i>Diabetologia</i> , 2014 , 57, 1552-60	10.3	95
121	Laparoscopic greater curvature plication in morbidly obese women with type 2 diabetes: effects on glucose homeostasis, postprandial triglyceridemia and selected gut hormones. <i>Obesity Surgery</i> , 2014 , 24, 718-26	3.7	33
120	Vegetarian vs. conventional diabetic diet - A 1-year follow-up. <i>Cor Et Vasa</i> , 2014 , 56, e140-e144	0.3	8
119	Postprandial oxidative stress and gastrointestinal hormones: is there a link?. <i>PLoS ONE</i> , 2014 , 9, e103565	3.7	4
118	Glucose homeostasis and insulin resistance: prevalence, gender differences and predictors in adolescents. <i>Diabetology and Metabolic Syndrome</i> , 2014 , 6, 100	5.6	22
117	The utility of fasting plasma glucose to identify impaired glucose metabolism in women with polycystic ovary syndrome. <i>Gynecological Endocrinology</i> , 2014 , 30, 664-6	2.4	6
116	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. <i>PLoS ONE</i> , 2014 , 9, e107561	3.7	28
115	How smoking cessation influence hormonal levels in postmenopausal women?. <i>Prague Medical Report</i> , 2014 , 115, 60-6	0.7	3
114	The role of steroids in the development of post-partum mental disorders. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2014 , 158, 361-4	1.7	2

113	Short-term exercise combined with Acipimox administration induces an increase in plasma ACTH and its subsequent fall in the recovery phase in bulimic women. <i>Regulatory Peptides</i> , 2013 , 182, 45-52		4
112	Lifestyle intervention discloses an association of the Eating Inventory-51 factors with cardiometabolic health risks. <i>Eating and Weight Disorders</i> , 2013 , 18, 83-6	3.6	3
111	Determination of steroid metabolome as a possible tool for laboratory diagnosis of schizophrenia. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013 , 133, 77-83	5.1	43
110	The role of "mixed" 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. <i>International Journal of Endocrinology</i> , 2013 , 2013, 483145	2.7	33
109	Epithelial markers of colorectal carcinogenesis in ulcerative colitis and primary sclerosing cholangitis. <i>World Journal of Gastroenterology</i> , 2013 , 19, 2234-41	5.6	5
108	The differences between aromatizable and non-aromatizable androgens in relation to body composition and metabolic syndrome risk factors in men. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012 , 132, 105-11	5.1	7
107	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. <i>Nutrition and Metabolism</i> , 2012 , 9, 52	4.6	37
106	Hyperparathyroidism in Hemodialyzed Patients [Relation to Melatonin and Reproductive Hormones Before and After Parathyroidectomy 2012 ,		1
105	Low-dose estrogen combined oral contraceptives may negatively influence physiological bone mineral density acquisition during adolescence. <i>European Journal of Endocrinology</i> , 2012 , 166, 1003-11	6.5	38
104	The steroid metabolome in lamotrigine-treated women with epilepsy. <i>Steroids</i> , 2011 , 76, 1351-7	2.8	19
103	Acipimox during exercise points to an inhibitory feedback of GH on ghrelin secretion in bulimic and healthy women. <i>Regulatory Peptides</i> , 2011 , 167, 134-9		8
102	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. <i>Nutrition and Metabolism</i> , 2011 , 8, 21	4.6	7
101	Altered levels of circulating GABAergic 5HT _{2A} reduced pregnane and androstane steroids in schizophrenic men. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2011 , 6, 227-30	1.3	2
100	Cigarette smoking and progesterone and androgen metabolites in premenopausal women. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2011 , 6, 259-64	1.3	4
99	Neuro- and immunomodulatory steroids and other biochemical markers in drug-naive schizophrenia patients and the effect of treatment with atypical antipsychotics. <i>Neuroendocrinology Letters</i> , 2011 , 32, 141-7	0.3	15
98	Effect of telmisartan on selected adipokines, insulin sensitivity, and substrate utilization during insulin-stimulated conditions in patients with metabolic syndrome and impaired fasting glucose. <i>European Journal of Endocrinology</i> , 2010 , 163, 573-83	6.5	12
97	The distribution of placental oxidoreductase isoforms provides different milieus of steroids influencing pregnancy in the maternal and fetal compartment. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2010 , 4, 581-600	1.3	9
96	Low maternal serum matrix metalloproteinase (MMP)-2 concentrations are associated with preterm labor and fetal inflammatory response. <i>Journal of Perinatal Medicine</i> , 2010 , 38, 589-96	2.7	12

95	The influence of low dose finasteride, a type II 5 α -reductase inhibitor, on circulating neuroactive steroids. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2010 , 1, 95-102	1.3	1
94	Steroid metabolome in plasma from the umbilical artery, umbilical vein, maternal cubital vein and in amniotic fluid in normal and preterm labor. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010 , 121, 594-610	5.1	83
93	Peripheral neuroactive steroids may be as good as the steroids in the cerebrospinal fluid for the diagnostics of CNS disturbances. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010 , 119, 35-44	5.1	47
92	Adrenocortical function in young adults with diabetes mellitus type 1. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010 , 122, 35-41	5.1	8
91	Steroid metabolome in fetal and maternal body fluids in human late pregnancy. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010 , 122, 114-32	5.1	56
90	Effects of valproate and carbamazepine monotherapy on neuroactive steroids, their precursors and metabolites in adult men with epilepsy. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010 , 122, 239-52	5.1	18
89	Factors affecting spontaneous voiding recovery after radical hysterectomy. <i>International Journal of Gynecological Cancer</i> , 2010 , 20, 685-90	3.5	20
88	Comparison of corticoid substitution versus combined oral contraception administration in the treatment of non-classic adrenal hyperplasia: a prospective study. <i>Gynecological Endocrinology</i> , 2009 , 25, 398-402	2.4	4
87	Minimizing the effects of multicollinearity in the polynomial regression of age relationships and sex differences in serum levels of pregnenolone sulfate in healthy subjects. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 464-70	5.9	3
86	Wafer-level thin-film encapsulation for MEMS. <i>Microelectronic Engineering</i> , 2009 , 86, 1311-1313	2.5	10
85	Free testosterone and free dihydrotestosterone throughout the life span of men. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009 , 116, 118-20	5.1	24
84	Abdominal radical trachelectomy in fertility-sparing treatment of early-stage cervical cancer. <i>International Journal of Gynecological Cancer</i> , 2009 , 19, 1407-11	3.5	65
83	Steroid sulfatase and sulfuryl transferase activities in human brain tumors. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008 , 109, 31-9	5.1	12
82	Low-density lipoprotein receptor-related protein-5 C/T polymorphism in exon 18 is associated with C peptide and proinsulin levels in control women and patients with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2008 , 90, 699-708	4.8	1
81	Incretin levels in polycystic ovary syndrome. <i>European Journal of Endocrinology</i> , 2008 , 159, 121-7	6.5	50
80	The UCP1 gene polymorphism A-3826G in relation to DM2 and body composition in Czech population. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2007 , 115, 303-7	2.3	35
79	Relationships of circulating pregnanolone isomers and their polar conjugates to the status of sex, menstrual cycle, and pregnancy. <i>Journal of Endocrinology</i> , 2007 , 195, 67-78	4.7	24
78	Prevalence of insulin resistance and prediction of glucose intolerance and type 2 diabetes mellitus in women with polycystic ovary syndrome. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 639-44	5.9	21

77	Determination of 17alpha-hydroxypregnenolone sulfate and its application in diagnostics. <i>Steroids</i> , 2007 , 72, 323-7	2.8	15
76	The identification and simultaneous quantification of neuroactive androstane steroids and their polar conjugates in the serum of adult men, using gas chromatography-mass spectrometry. <i>Steroids</i> , 2007 , 72, 792-801	2.8	6
75	Role of D327N sex hormone-binding globulin gene polymorphism in the pathogenesis of polycystic ovary syndrome. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007 , 104, 68-74	5.1	19
74	Circulating levels of pregnanolone isomers during the third trimester of human pregnancy. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007 , 105, 166-75	5.1	48
73	A novel radioimmunoassay of 16alpha-hydroxy-dehydroepiandrosterone and its physiological levels. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007 , 104, 130-5	5.1	6
72	Long-term 1,25(OH) ₂ vitamin D therapy increases bone mineral density in osteopenic women. Comparison with the effect of plain vitamin D. <i>Aging Clinical and Experimental Research</i> , 2007 , 19, 472-7	4.8	5
71	Modelling and performance evaluation of a MEMS dc/dc converter. <i>Journal of Micromechanics and Microengineering</i> , 2006 , 16, S149-S155	2	9
70	Serum profiles of free and conjugated neuroactive pregnanolone isomers in nonpregnant women of fertile age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 3092-9	5.6	36
69	Low-density lipoprotein receptor-related protein 5 and vitamin D receptor gene polymorphisms in relation to vitamin D levels in menopause. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006 , 44, 1066-9	5.9	3
68	Syntheses of 19-[O-(carboxymethyl)oxime] haptens of epipregnanolone and pregnanolone. <i>Steroids</i> , 2006 , 71, 120-8	2.8	4
67	Protection against dextran sodium sulfate-induced colitis by dehydroepiandrosterone and 7alpha-hydroxy-dehydroepiandrosterone in the rat. <i>Steroids</i> , 2006 , 71, 240-8	2.8	39
66	The identification and simultaneous quantification of 7-hydroxylated metabolites of pregnenolone, dehydroepiandrosterone, 3beta,17beta-androstenediol, and testosterone in human serum using gas chromatography-mass spectrometry. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005 , 70, 187-200	5.1	18
65	Altered profiles of serum neuroactive steroids in premenopausal women treated for alcohol addiction. <i>Steroids</i> , 2005 , 70, 515-24	2.8	41
64	Derivatives of 16alpha-hydroxy-dehydroepiandrosterone with an additional 7-oxo or 7-hydroxy substituent: synthesis and gas chromatography/mass spectrometry analysis. <i>Steroids</i> , 2005 , 70, 739-49	2.8	14
63	Steroid sulfatase and sulfuryl transferase activity in monkey brain tissue. <i>Steroids</i> , 2005 , 70, 960-9	2.8	24
62	Vitamin D receptor polymorphisms, bone ultrasound and mineral density in post-menopausal women. <i>Aging Clinical and Experimental Research</i> , 2005 , 17, 121-4	4.8	8
61	Development of a portable electroanalytical system for the stripping voltammetry of metals: Determination of copper in acetic acid soil extracts. <i>Analytica Chimica Acta</i> , 2005 , 552, 190-200	6.6	50
60	Reinstatement of serum pregnanolone isomers and progesterone during alcohol detoxification therapy in premenopausal women. <i>Alcoholism: Clinical and Experimental Research</i> , 2005 , 29, 1010-7	3.7	5

59	Neuroactive pregnanolone isomers during pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 395-403	5.6	43
58	Insulin sensitivity and counter-regulatory hormones in hypothyroidism and during thyroid hormone replacement therapy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005 , 43, 715-20	5.9	69
57	Delayed effects of short-term transdermal application of 7-oxo-dehydroepiandrosterone on its metabolites, some hormonal steroids and relevant proteohormones in healthy male volunteers. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005 , 43, 221-7	5.9	4
56	Determinants of circulating adiponectin in women with polycystic ovary syndrome. <i>Gynecologic and Obstetric Investigation</i> , 2005 , 60, 155-61	2.5	19
55	Plasma levels of 7-hydroxymetabolites of dehydroepiandrosterone in healthy Central European aging men. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005 , 43, 1218-22	5.9	2
54	Insulin sensitivity in women with polycystic ovary syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 2942-5	5.6	95
53	New methodology of influential point detection in regression model building for the prediction of metabolic clearance rate of glucose. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004 , 42, 311-22	5.9	28
52	Plasma levels of 7-hydroxylated dehydroepiandrosterone (DHEA) metabolites and selected amino-thiols as discriminatory tools of Alzheimer's disease and vascular dementia. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004 , 42, 518-24	5.9	19
51	Voltammetric behaviour at gold electrodes immersed in the BCR sequential extraction scheme media: Application of underpotential deposition stripping voltammetry to determination of copper in soil extracts. <i>Analytica Chimica Acta</i> , 2004 , 502, 195-206	6.6	25
50	Synthesis of [19-2H3]-analogs of dehydroepiandrosterone and pregnenolone and their sulfates. <i>Steroids</i> , 2004 , 69, 161-71	2.8	6
49	Gas chromatographic-mass spectrometric identification of 16alpha-hydroxy-dehydroepiandrosterone in human seminal plasma. <i>Steroids</i> , 2004 , 69, 773-7	2.8	4
48	Simultaneous determination of dehydroepiandrosterone, its 7-hydroxylated metabolites, and their sulfates in rat brain tissues. <i>Steroids</i> , 2004 , 69, 667-74	2.8	16
47	Synthetic Approach to 5β-Pregnanolone 19-[O-(Carboxymethyl)oxime] Derivatives. <i>Collection of Czechoslovak Chemical Communications</i> , 2004 , 69, 1805-1817		3
46	Neurosteroids: Cerebrospinal fluid levels for Alzheimer's disease and vascular dementia diagnostics. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 5199-206	5.6	76
45	Association between serum undercarboxylated osteocalcin and bone density and/or quality in early postmenopausal women. <i>Nutrition</i> , 2003 , 19, 1001-3	4.8	6
44	Division of lymphatic vessels at varicocelelectomy leads to testicular oedema and decline in testicular function according to the LH-RH analogue stimulation test. <i>European Urology</i> , 2003 , 43, 430-5	10.2	52
43	Assessment of the mean-value of 17-hydroxypregnenolone in the umbilical blood of newborns by the exploratory analysis of biochemical data. <i>Computer Methods and Programs in Biomedicine</i> , 2003 , 70, 187-97	6.9	2
42	Synthesis of two new haptens of 16alpha-hydroxydehydroepiandrosterone (3beta,16alpha-dihydroxyandrost-5-en-17-one). <i>Steroids</i> , 2003 , 68, 149-58	2.8	9

41	Immunomodulatory cytokines in human seminal plasma correlate with immunomodulatory steroids. <i>Steroids</i> , 2003 , 68, 725-31	2.8	11
40	The content of four immunomodulatory steroids and major androgens in human semen. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2003 , 84, 307-16	5.1	12
39	Characterization of micromechanical structures using white-light interferometry. <i>Measurement Science and Technology</i> , 2003 , 14, 1807-1814	2	74
38	Plasma thiols and androgen levels in polycystic ovary syndrome. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003 , 41, 216-21	5.9	13
37	Relationship of dehydroepiandrosterone and its 7-hydroxylated metabolites to thyroid parameters and sex hormone-binding globulin (SHBG) in healthy subjects. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003 , 41, 1081-6	5.9	1
36	Novel and traditional biomarkers of bone turnover in postmenopausal women. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003 , 41, 74-8	5.9	4
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34	Interpretation of sex hormone-binding globulin levels in thyroid disorders. <i>Thyroid</i> , 2003 , 13, 755-60	6.2	30
33	Levels of testosterone, allopregnanolone and homocysteine in severe hypothyroidism. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002 , 40, 1024-7	5.9	1
32	Apolipoprotein E gene determines serum testosterone and dehydroepiandrosterone levels in postmenopausal women. <i>European Journal of Endocrinology</i> , 2002 , 147, 503-6	6.5	18
31	Sex- and age-related changes in epitestosterone in relation to pregnenolone sulfate and testosterone in normal subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 2225-31	5.6	41
30	Insulin sensitivity and beta-cell function in women with polycystic ovary syndrome. <i>Diabetes Care</i> , 2002 , 25, 1217-22	14.6	53
29	Crucial problems in regression modelling and their solutions. <i>Analyst, The</i> , 2002 , 127, 433-50	5	125
28	Two neuroactive steroids in midpregnancy as measured in maternal and fetal sera and in amniotic fluid. <i>Steroids</i> , 2002 , 67, 399-402	2.8	32
27	Neuroactive steroids, their precursors and polar conjugates during parturition and postpartum in maternal and umbilical blood: 3.3beta-hydroxy-5-ene steroids. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2002 , 82, 241-50	5.1	13
26	Rapid Immunoassay for Pregnenolone Sulfate and Its Applications in Endocrinology. <i>Collection of Czechoslovak Chemical Communications</i> , 2002 , 67, 140-162		3
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23	Analysis of large and small samples of biochemical and clinical data. <i>Clinical Chemistry and Laboratory Medicine</i> , 2001 , 39, 53-61	5.9	11
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21	Exploratory biochemical data analysis: a comparison of two sample means and diagnostic displays. <i>Clinical Chemistry and Laboratory Medicine</i> , 2001 , 39, 244-55	5.9	2
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18	Allopregnanolone, pregnenolone sulfate, and epitestosterone in breast cyst fluid. <i>Steroids</i> , 2001 , 66, 55-7	2.8	11
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16	Transformation in the PC-aided biochemical data analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2000 , 38, 553-9	5.9	52
15	Immunomodulatory 7-hydroxylated metabolites of dehydroepiandrosterone are present in human semen. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2000 , 75, 273-6	5.1	20
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13	The pathophysiological implications of circulating androgens on bone mineral density in a normal female population. <i>Steroids</i> , 2000 , 65, 857-61	2.8	18
12	Age relationships and sex differences in serum levels of pregnenolone and 17-hydroxypregnenolone in healthy subjects. <i>Clinical Chemistry and Laboratory Medicine</i> , 1999 , 37, 439-47	5.9	23
11	Immunoassay of 7-hydroxysteroids: 2. Radioimmunoassay of 7alpha-hydroxy-dehydroepiandrosterone. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1999 , 71, 231-7	5.1	41
10	Immunoanalysis of isoflavonoids in <i>Pisum sativum</i> and <i>Vigna radiata</i> . <i>Plant Science</i> , 1999 , 148, 111-119	5.3	30
9	Elimination of cross-reactivity by addition of an excess of cross-reactant for radioimmunoassay of 17alpha-hydroxypregnenolone. <i>Steroids</i> , 1999 , 64, 341-55	2.8	26
8	Radioimmunoassay of free genistein in human serum. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1998 , 64, 261-8	5.1	58
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6	Identification of isoflavonoids in beer. <i>Steroids</i> , 1998 , 63, 14-20	2.8	86

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