

# Alex Odermatt

## List of Publications by Year in descending order

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Version: 2024-02-01

190  
papers

9,028  
citations

44444

50  
h-index

58552

86  
g-index

196  
all docs

196  
docs citations

196  
times ranked

10709  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic evidence on migrating and extractable food contact chemicals: Most chemicals detected in food contact materials are not listed for use. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 9425-9435.	5.4	28
2	JAK and mTOR inhibitors prevent cytokine release while retaining T cell bispecific antibody in vivo efficacy. , 2022, 10, e003766.		15
3	Albendazole reduces hepatic inflammation and endoplasmic reticulum-stress in a mouse model of chronic <i>Echinococcus multilocularis</i> infection. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0009192.	1.3	6
4	Dissecting the mechanism of cytokine release induced by T-cell engagers highlights the contribution of neutrophils. <i>Oncolmmunology</i> , 2022, 11, 2039432.	2.1	14
5	AKR1D1 knockout mice develop a sex-dependent metabolic phenotype. <i>Journal of Endocrinology</i> , 2022, 253, 97-113.	1.2	7
6	Activation of retinoic acid-related orphan receptor $\hat{I}^3(t)$ by parabens and benzophenone UV-filters. <i>Toxicology</i> , 2022, 471, 153159.	2.0	5
7	The Potential Tumor-Suppressor DHRS7 Inversely Correlates with EGFR Expression in Prostate Cancer Cells and Tumor Samples. <i>Cancers</i> , 2022, 14, 3074.	1.7	2
8	Evaluating the food safety and risk assessment evidence-base of polyethylene terephthalate oligomers: Protocol for a systematic evidence map. <i>Environment International</i> , 2022, 167, 107387.	4.8	14
9	Loss of Claudin-3 Impairs Hepatic Metabolism, Biliary Barrier Function, and Cell Proliferation in the Murine Liver. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 745-767.	2.3	5
10	Monitoring Changes in the Oxidizing Milieu in the Endoplasmic Reticulum of Mammalian Cells Using HyPerER. <i>Bio-protocol</i> , 2021, 11, e4076.	0.2	0
11	The ratio of ursodeoxycholytaurine to $7\hat{\alpha}\epsilon$ oxolithocholytaurine serves as a biomarker of decreased $11\hat{I}^2\hat{\alpha}$ hydroxysteroid dehydrogenase 1 activity in mouse. <i>British Journal of Pharmacology</i> , 2021, 178, 3309-3326.	2.7	5
12	Species-specific differences in the inhibition of $11\hat{I}^2$ -hydroxysteroid dehydrogenase 2 by itraconazole and posaconazole. <i>Toxicology and Applied Pharmacology</i> , 2021, 412, 115387.	1.3	11
13	Antifungal therapy with azoles and the syndrome of acquired mineralocorticoid excess. <i>Molecular and Cellular Endocrinology</i> , 2021, 524, 111168.	1.6	10
14	Carbonyl reductase 1 amplifies glucocorticoid action in adipose tissue and impairs glucose tolerance in lean mice. <i>Molecular Metabolism</i> , 2021, 48, 101225.	3.0	4
15	Src/lck inhibitor dasatinib reversibly switches off cytokine release and T cell cytotoxicity following stimulation with T cell bispecific antibodies. , 2021, 9, e002582.		14
16	Impact on Bile Acid Concentrations by Alveolar Echinococcosis and Treatment with Albendazole in Mice. <i>Metabolites</i> , 2021, 11, 442.	1.3	0
17	Evaluation of two inÂvitro assays for tumorigenicity assessment of CRISPR-Cas9 genome-edited cells. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 23, 241-253.	1.8	5
18	Modulation of $11\hat{I}^2$ -hydroxysteroid dehydrogenase functions by the cloud of endogenous metabolites in a local microenvironment: The glycyrrhetic acid-like factor (GALF) hypothesis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 214, 105988.	1.2	5

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19	Salt-Sensitive Hypertension in GR+/α <sup>-/-</sup> Rats Is Accompanied with Dysregulation in Adrenal Soluble Epoxide Hydrolase and Polyunsaturated Fatty Acid Pathways. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13218.	1.8	4
20	Drug-induced endocrine blood pressure elevation. <i>Pharmacological Research</i> , 2020, 154, 104311.	3.1	18
21	Posaconazole Serum Drug Levels Associated With Pseudohyperaldosteronism. <i>Clinical Infectious Diseases</i> , 2020, 70, 2593-2598.	2.9	68
22	Impact of 17β-HSD12, the 3-ketoacyl-CoA reductase of long-chain fatty acid synthesis, on breast cancer cell proliferation and migration. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1153-1175.	2.4	7
23	Reply to DiPippo and Kontoyiannis. <i>Clinical Infectious Diseases</i> , 2020, 71, 469-469.	2.9	0
24	The Antioxidative Role of Cytoglobin in Podocytes: Implications for a Role in Chronic Kidney Disease. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 1155-1171.	2.5	23
25	Profiling of anabolic androgenic steroids and selective androgen receptor modulators for interference with adrenal steroidogenesis. <i>Biochemical Pharmacology</i> , 2020, 172, 113781.	2.0	10
26	Finding New Molecular Targets of Familiar Natural Products Using In Silico Target Prediction. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7102.	1.8	10
27	Development and Validation of a Highly Sensitive LC-MS/MS Method for the Analysis of Bile Acids in Serum, Plasma, and Liver Tissue Samples. <i>Metabolites</i> , 2020, 10, 282.	1.3	28
28	Management of posaconazole-induced pseudohyperaldosteronism. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3688-3693.	1.3	13
29	Gynecomastia and hypertension in a patient treated with posaconazole. <i>Clinical Case Reports (discontinued)</i> , 2020, 8, 3158-3161.	0.2	6
30	Protein phosphatase 1 alpha enhances glucocorticoid receptor activity by a mechanism involving phosphorylation of serine-211. <i>Molecular and Cellular Endocrinology</i> , 2020, 518, 110873.	1.6	5
31	Ca <sup>2+</sup> mobilization-dependent reduction of the endoplasmic reticulum lumen is due to influx of cytosolic glutathione. <i>BMC Biology</i> , 2020, 18, 19.	1.7	14
32	Inhibition of IL-1β improves Glycaemia in a Mouse Model for Gestational Diabetes. <i>Scientific Reports</i> , 2020, 10, 3035.	1.6	17
33	Tributyltin and triphenyltin induce 11β-hydroxysteroid dehydrogenase 2 expression and activity through activation of retinoid X receptor α. <i>Toxicology Letters</i> , 2020, 322, 39-49.	0.4	9
34	Molecular mechanisms of posaconazole- and itraconazole-induced pseudohyperaldosteronism and assessment of other systemically used azole antifungals. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 199, 105605.	1.2	31
35	Subcellular localization and membrane topology of 17β-hydroxysteroid dehydrogenases. <i>Molecular and Cellular Endocrinology</i> , 2019, 489, 98-106.	1.6	17
36	11β-Hydroxysteroid dehydrogenases control access of 7β,27-dihydroxycholesterol to retinoid-related orphan receptor β. <i>Journal of Lipid Research</i> , 2019, 60, 1535-1546.	2.0	23

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37	Posaconazole-Induced Hypertension Due to Inhibition of 11 $\beta$ -Hydroxylase and 11 $\beta$ -Hydroxysteroid Dehydrogenase 2. <i>Journal of the Endocrine Society</i> , 2019, 3, 1361-1366.	0.1	27
38	Treatment of Primary Aldosteronism With mTORC1 Inhibitors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4703-4714.	1.8	7
39	Lack of Renal Tubular Glucocorticoid Receptor Decreases the Thiazide-Sensitive Na <sup>+</sup> /Cl <sup>-</sup> Cotransporter NCC and Transiently Affects Sodium Handling. <i>Frontiers in Physiology</i> , 2019, 10, 989.	1.3	8
40	In vitro models to study insulin and glucocorticoids modulation of trimethyltin (TMT)-induced neuroinflammation and neurodegeneration, and in vivo validation in db/db mice. <i>Archives of Toxicology</i> , 2019, 93, 1649-1664.	1.9	11
41	Identification of the fungicide epoxiconazole by virtual screening and biological assessment as inhibitor of human 11 $\beta$ -hydroxylase and aldosterone synthase. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 192, 105358.	1.2	11
42	Enzymatic interconversion of the oxysterols 7 $\beta$ ,25-dihydroxycholesterol and 7-keto,25-hydroxycholesterol by 11 $\beta$ -hydroxysteroid dehydrogenase type 1 and 2. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 190, 19-28.	1.2	23
43	Profiling withanolide A for therapeutic targets in neurodegenerative diseases. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2508-2520.	1.4	11
44	The Binding of Human IgG to Minipig Fc $\gamma$ Rs: Implications for Preclinical Assessment of Therapeutic Antibodies. <i>Pharmaceutical Research</i> , 2019, 36, 47.	1.7	14
45	Deletion of the serine protease CAP2/Tmprss4 leads to dysregulated renal water handling upon dietary potassium depletion. <i>Scientific Reports</i> , 2019, 9, 19540.	1.6	11
46	The genomic organization and expression pattern of the low-affinity Fc gamma receptors (Fc $\gamma$ R) in the C57BL/6J mouse. <i>Immunogenetics</i> , 2019, 71, 123-136.	1.2	6
47	Removal of batch effects using stratified subsampling of metabolomic data for in vitro endocrine disruptors screening. <i>Talanta</i> , 2019, 195, 77-86.	2.9	10
48	Effects of lisdexamfetamine on plasma steroid concentrations compared with d-amphetamine in healthy subjects: A randomized, double-blind, placebo-controlled study. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 186, 212-225.	1.2	14
49	Acute effects of lisdexamfetamine and D-amphetamine on social cognition and cognitive performance in a placebo-controlled study in healthy subjects. <i>Psychopharmacology</i> , 2018, 235, 1389-1402.	1.5	22
50	NRF2 regulates the glutamine transporter Slc38a3 (SNAT3) in kidney in response to metabolic acidosis. <i>Scientific Reports</i> , 2018, 8, 5629.	1.6	20
51	Currently available murine Leydig cell lines can be applied to study early steps of steroidogenesis but not testosterone synthesis. <i>Heliyon</i> , 2018, 4, e00527.	1.4	23
52	Hexose-6-phosphate dehydrogenase controls cancer cell proliferation and migration through pleiotropic effects on the unfolded protein response, calcium homeostasis, and redox balance. <i>FASEB Journal</i> , 2018, 32, 2690-2705.	0.2	25
53	Design, synthesis, and biological evaluation of novel selective peptide inhibitors of 11 $\beta$ -hydroxysteroid dehydrogenase 1. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5128-5139.	1.4	4
54	Absence of hexose-6-phosphate dehydrogenase results in reduced overall glucose consumption but does not prevent 11 $\beta$ -hydroxysteroid dehydrogenase-dependent glucocorticoid activation. <i>FEBS Journal</i> , 2018, 285, 3993-4004.	2.2	5

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55	Accelerated skin wound healing by selective 11 $\beta$ -Hydroxylase (CYP11B1) inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 591-597.	2.6	10
56	Aldosterone deficiency in mice burdens respiration and accentuates diet-induced hyperinsulinemia and obesity. <i>JCI Insight</i> , 2018, 3, .	2.3	10
57	Novel cases of Tunisian patients with mutations in the gene encoding 17 $\beta$ -hydroxysteroid dehydrogenase type 3 and a founder effect. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 165, 86-94.	1.2	11
58	Inhibition of 11 $\beta$ -hydroxysteroid dehydrogenase 2 by the fungicides itraconazole and posaconazole. <i>Biochemical Pharmacology</i> , 2017, 130, 93-103.	2.0	48
59	Steroid profiling in H295R cells to identify chemicals potentially disrupting the production of adrenal steroids. <i>Toxicology</i> , 2017, 381, 51-63.	2.0	42
60	Virtual screening applications in short-chain dehydrogenase/reductase research. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 171, 157-177.	1.2	24
61	Phenylbenzenesulfonates and -sulfonamides as 17 $\beta$ -hydroxysteroid dehydrogenase type 2 inhibitors: Synthesis and SAR-analysis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2982-2985.	1.0	4
62	DHRS7 (SDR34C1) â€“ A new player in the regulation of androgen receptor function by inactivation of 5 $\alpha$ -dihydrotestosterone?. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 171, 288-295.	1.2	7
63	Enhanced metabolite annotation via dynamic retention time prediction: Steroidogenesis alterations as a case study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1071, 11-18.	1.2	25
64	Involvement Of Vascular Aldosterone Synthase In Phosphate-Induced Osteogenic Transformation Of Vascular Smooth Muscle Cells. <i>Scientific Reports</i> , 2017, 7, 2059.	1.6	53
65	Potential Antiosteoporotic Natural Product Lead Compounds That Inhibit 17 $\beta$ -Hydroxysteroid Dehydrogenase Type 2. <i>Journal of Natural Products</i> , 2017, 80, 965-974.	1.5	13
66	Absence of 11-keto reduction of cortisone and 11-ketotestosterone in the model organism zebrafish. <i>Journal of Endocrinology</i> , 2017, 232, 323-335.	1.2	22
67	Hydrogen sulfide attenuates calcification of vascular smooth muscle cells via KEAP1/NRF2/NQO1 activation. <i>Atherosclerosis</i> , 2017, 265, 78-86.	0.4	83
68	Carbonyl reductase 1 catalyzes 20 $\beta$ -reduction of glucocorticoids, modulating receptor activation and metabolic complications of obesity. <i>Scientific Reports</i> , 2017, 7, 10633.	1.6	15
69	The intestinal phosphate transporter NaPi-IIb (Slc34a2) is required to protect bone during dietary phosphate restriction. <i>Scientific Reports</i> , 2017, 7, 11018.	1.6	30
70	IGF-1 prevents simvastatin-induced myotoxicity in C2C12 myotubes. <i>Archives of Toxicology</i> , 2017, 91, 2223-2234.	1.9	23
71	11 $\beta$ -HSD2 SUMOylation Modulates Cortisol-Induced Mineralocorticoid Receptor Nuclear Translocation Independently of Effects on Transactivation. <i>Endocrinology</i> , 2017, 158, 4047-4063.	1.4	14
72	Interference of Paraben Compounds with Estrogen Metabolism by Inhibition of 17 $\beta$ -Hydroxysteroid Dehydrogenases. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2007.	1.8	45

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73	Fructose, Glucocorticoids and Adipose Tissue: Implications for the Metabolic Syndrome. <i>Nutrients</i> , 2017, 9, 426.	1.7	33
74	Pharmacokinetics and Pharmacodynamics of Lisdexamfetamine Compared with D-Amphetamine in Healthy Subjects. <i>Frontiers in Pharmacology</i> , 2017, 8, 617.	1.6	35
75	Biochemical Analysis of Four Missense Mutations in the <i>HSD17B3</i> Gene Associated with 46, XY Disorders of Sex Development in Egyptian Patients. <i>Journal of Sexual Medicine</i> , 2017, 14, 1165-1174.	0.3	9
76	Novel 11 $\beta$ -hydroxysteroid dehydrogenase 1 inhibitors reduce cortisol levels in keratinocytes and improve dermal collagen content in human ex vivo skin after exposure to cortisone and UV. <i>PLoS ONE</i> , 2017, 12, e0171079.	1.1	13
77	Acute Effects of Lysergic Acid Diethylamide on Circulating Steroid Levels in Healthy Subjects. <i>Journal of Neuroendocrinology</i> , 2016, 28, 12374.	1.2	60
78	Disruption of steroidogenesis: Cell models for mechanistic investigations and as screening tools. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 158, 9-21.	1.2	32
79	Evaluation of tetrabromobisphenol A effects on human glucocorticoid and androgen receptors: A comparison of results from human- with yeast-based in vitro assays. <i>Toxicology</i> , 2016, 370, 70-77.	2.0	15
80	Development and characterization of a pseudo multiple reaction monitoring method for the quantification of human uromodulin in urine. <i>Bioanalysis</i> , 2016, 8, 1279-1296.	0.6	14
81	Adult nephron-specific MR-deficient mice develop a severe renal PHA-1 phenotype. <i>Pflugers Archiv European Journal of Physiology</i> , 2016, 468, 895-908.	1.3	33
82	Role of Pro-637 and Gln-642 in human glucocorticoid receptors and Ser-843 and Leu-848 in mineralocorticoid receptors in their differential responses to cortisol and aldosterone. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 159, 31-40.	1.2	19
83	Calcification of vascular smooth muscle cells is induced by secondary calciprotein particles and enhanced by tumor necrosis factor- $\alpha$ . <i>Atherosclerosis</i> , 2016, 251, 404-414.	0.4	188
84	Recommendations for description and validation of antibodies for research use. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 156, 40-42.	1.2	12
85	Biochemical analyses and molecular modeling explain the functional loss of 17 $\beta$ -hydroxysteroid dehydrogenase 3 mutant G133R in three Tunisian patients with 46, XY Disorders of Sex Development. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 155, 147-154.	1.2	14
86	Pharmacophore Models and Pharmacophore-Based Virtual Screening: Concepts and Applications Exemplified on Hydroxysteroid Dehydrogenases. <i>Molecules</i> , 2015, 20, 22799-22832.	1.7	131
87	A role for the dehydrogenase DHRS7 (SDR34C1) in prostate cancer. <i>Cancer Medicine</i> , 2015, 4, 1717-1729.	1.3	15
88	Rab-GAP TBC1D4 (AS160) is dispensable for the renal control of sodium and water homeostasis but regulates GLUT4 in mouse kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F779-F790.	1.3	6
89	<i>Pistacia lentiscus</i> Oleoresin: Virtual Screening and Identification of Masticadienonic and Isomasticadienonic Acids as Inhibitors of 11 $\beta$ -Hydroxysteroid Dehydrogenase 1. <i>Planta Medica</i> , 2015, 81, 525-532.	0.7	22
90	Steroidomic Footprinting Based on Ultra-High Performance Liquid Chromatography Coupled with Qualitative and Quantitative High-Resolution Mass Spectrometry for the Evaluation of Endocrine Disrupting Chemicals in H295R Cells. <i>Chemical Research in Toxicology</i> , 2015, 28, 955-966.	1.7	24

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91	Determination of the topology of endoplasmic reticulum membrane proteins using redox-sensitive green-fluorescence protein fusions. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1672-1682.	1.9	18
92	Integrated transcriptomic and proteomic analyses uncover regulatory roles of Nrf2 in the kidney. <i>Kidney International</i> , 2015, 88, 1261-1273.	2.6	41
93	Reprint of "In silico methods in the discovery of endocrine disrupting chemicals". <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 153, 93-101.	1.2	8
94	11 $\beta$ -Hydroxysteroid dehydrogenase 1: Regeneration of active glucocorticoids is only part of the story. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 151, 85-92.	1.2	42
95	Pharmacophore Model Refinement for 11 $\beta$ -Hydroxysteroid Dehydrogenase Inhibitors: Search for Modulators of Intracellular Glucocorticoid Concentrations. <i>Molecular Informatics</i> , 2014, 33, 15-25.	1.4	35
96	Chemical Tuning Enhances Both Potency Toward Nrf2 and In Vitro Therapeutic Index of Triterpenoids. <i>Toxicological Sciences</i> , 2014, 140, 462-469.	1.4	21
97	Inhibition of metabotropic glutamate receptor 5 induces cellular stress through pertussis toxin-sensitive G $\alpha$ i-proteins in murine BV-2 microglia cells. <i>Journal of Neuroinflammation</i> , 2014, 11, 190.	3.1	24
98	Accumulation and effects of the UV-filter octocrylene in adult and embryonic zebrafish ( <i>Danio rerio</i> ). <i>Science of the Total Environment</i> , 2014, 476-477, 207-217.	3.9	91
99	Hepatocellular toxicity of benzbromarone: Effects on mitochondrial function and structure. <i>Toxicology</i> , 2014, 324, 136-146.	2.0	55
100	Ligand-Based Pharmacophore Modeling and Virtual Screening for the Discovery of Novel 17 $\beta$ -Hydroxysteroid Dehydrogenase 2 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 5995-6007.	2.9	57
101	Dibutyltin promotes oxidative stress and increases inflammatory mediators in BV-2 microglia cells. <i>Toxicology Letters</i> , 2014, 230, 177-187.	0.4	32
102	11 $\beta$ -Hydroxysteroid dehydrogenase-1 is involved in bile acid homeostasis by modulating fatty acid transport protein-5 in the liver of mice. <i>Molecular Metabolism</i> , 2014, 3, 554-564.	3.0	11
103	Fructose promotes the differentiation of 3T3-L1 adipocytes and accelerates lipid metabolism. <i>FEBS Letters</i> , 2014, 588, 490-496.	1.3	29
104	Acute Effects of 3,4-Methylenedioxymethamphetamine and Methylphenidate on Circulating Steroid Levels in Healthy Subjects. <i>Neuroendocrinology</i> , 2014, 100, 17-25.	1.2	49
105	Synthesis and biological analysis of benzazol-2-yl piperazine sulfonamides as 11 $\beta$ -hydroxysteroid dehydrogenase 1 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5397-5400.	1.0	11
106	In silico methods in the discovery of endocrine disrupting chemicals. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 137, 18-26.	1.2	51
107	Synthesis of sterically encumbered 11 $\beta$ -aminoprogesterone derivatives and evaluation as 11 $\beta$ -hydroxysteroid dehydrogenase inhibitors and mineralocorticoid receptor antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 6274-6281.	1.4	4
108	Quantification of multiple bile acids in uninephrectomized rats using ultra-performance liquid chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2013, 5, 1155.	1.3	13

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109	Structural Optimization of 2,5-Thiophene Amides as Highly Potent and Selective 17 $\beta$ -Hydroxysteroid Dehydrogenase Type 2 Inhibitors for the Treatment of Osteoporosis. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 167-181.	2.9	22
110	Prevalence of cam and pincer-type deformities on hip MRI in an asymptomatic young Swiss female population: a cross-sectional study. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 544-550.	0.6	74
111	Carbonyl reduction of triadimefon by human and rodent 11 $\beta$ -hydroxysteroid dehydrogenase 1. <i>Biochemical Pharmacology</i> , 2013, 85, 1370-1378.	2.0	13
112	Endoplasmic reticulum: Reduced and oxidized glutathione revisited. <i>Journal of Cell Science</i> , 2013, 126, 1604-17.	1.2	131
113	Cysteine-10 on 17 $\beta$ -Hydroxysteroid Dehydrogenase 1 Has Stabilizing Interactions in the Cofactor Binding Region and Renders Sensitivity to Sulfhydryl Modifying Chemicals. <i>International Journal of Cell Biology</i> , 2013, 2013, 1-8.	1.0	2
114	The Microsomal Enzyme 17 $\beta$ -Hydroxysteroid Dehydrogenase 3 Faces the Cytoplasm and Uses NADPH Generated by Glucose-6-Phosphate Dehydrogenase. <i>Endocrinology</i> , 2013, 154, 205-213.	1.4	20
115	Formation of Threohydrobupropion from Bupropion Is Dependent on 11 $\beta$ -Hydroxysteroid Dehydrogenase 1. <i>Drug Metabolism and Disposition</i> , 2013, 41, 1671-1678.	1.7	25
116	Impaired oxidoreduction by 11 $\beta$ -hydroxysteroid dehydrogenase 1 results in the accumulation of 7-oxolithocholic acid. <i>Journal of Lipid Research</i> , 2013, 54, 2874-2883.	2.0	13
117	Rapid dephosphorylation of the renal sodium chloride cotransporter in response to oral potassium intake in mice. <i>Kidney International</i> , 2013, 83, 811-824.	2.6	293
118	Green fluorescent protein-based monitoring of endoplasmic reticulum redox poise. <i>Frontiers in Genetics</i> , 2013, 4, 108.	1.1	35
119	The Anabolic Androgenic Steroid Fluoxymesterone Inhibits 11 $\beta$ -Hydroxysteroid Dehydrogenase 2-Dependent Glucocorticoid Inactivation. <i>Toxicological Sciences</i> , 2012, 126, 353-361.	1.4	20
120	Species-specific differences in the inhibition of human and zebrafish 11 $\beta$ -hydroxysteroid dehydrogenase 2 by thiram and organotin. <i>Toxicology</i> , 2012, 301, 72-78.	2.0	20
121	Mineralocorticoid and glucocorticoid receptors differentially regulate NF-kappaB activity and pro-inflammatory cytokine production in murine BV-2 microglial cells. <i>Journal of Neuroinflammation</i> , 2012, 9, 260.	3.1	110
122	Tissue-specific modulation of mineralocorticoid receptor function by 11 $\beta$ -hydroxysteroid dehydrogenases: An overview. <i>Molecular and Cellular Endocrinology</i> , 2012, 350, 168-186.	1.6	134
123	Central Glucocorticoid Administration Promotes Weight Gain and Increased 11 $\beta$ -Hydroxysteroid Dehydrogenase Type 1 Expression in White Adipose Tissue. <i>PLoS ONE</i> , 2012, 7, e34002.	1.1	27
124	Suppression of the Nrf2-Dependent Antioxidant Response by Glucocorticoids and 11 $\beta$ -HSD1-Mediated Glucocorticoid Activation in Hepatic Cells. <i>PLoS ONE</i> , 2012, 7, e36774.	1.1	74
125	Virtual Screening as a Strategy for the Identification of Xenobiotics Disrupting Corticosteroid Action. <i>PLoS ONE</i> , 2012, 7, e46958.	1.1	26
126	Characterization of activity and binding mode of glycyrrhetic acid derivatives inhibiting 11 $\beta$ -hydroxysteroid dehydrogenase type 2. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 125, 129-142.	1.2	57



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127	Identification of chemically diverse, novel inhibitors of 17 $\beta$ -hydroxysteroid dehydrogenase type 3 and 5 by pharmacophore-based virtual screening. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 125, 148-161.	1.2	33
128	Endocrine disrupting chemicals. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 127, 1-3.	1.2	25
129	Synthesis of new glycyrrhetic acid derived ring A azepanone, 29-urea and 29-hydroxamic acid derivatives as selective 11 $\beta$ -hydroxysteroid dehydrogenase 2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1866-1880.	1.4	23
130	Hepatic reduction of the secondary bile acid 7-oxolithocholic acid is mediated by 11 $\beta$ -hydroxysteroid dehydrogenase 1. <i>Biochemical Journal</i> , 2011, 436, 621-629.	1.7	45
131	The Western-style diet: a major risk factor for impaired kidney function and chronic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, F919-F931.	1.3	188
132	Association between cam-type deformities and magnetic resonance imaging-detected structural hip damage: A cross-sectional study in young men. <i>Arthritis and Rheumatism</i> , 2011, 63, 4023-4030.	6.7	92
133	The UV-filter benzophenone-1 inhibits 17 $\beta$ -hydroxysteroid dehydrogenase type 3: Virtual screening as a strategy to identify potential endocrine disrupting chemicals. <i>Biochemical Pharmacology</i> , 2010, 79, 1189-1199.	2.0	78
134	Prevalence of cam-type deformity on hip magnetic resonance imaging in young males: A cross-sectional study. <i>Arthritis Care and Research</i> , 2010, 62, 1319-1327.	1.5	169
135	Synthesis of glycyrrhetic acid derivatives for the treatment of metabolic diseases. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 433-454.	1.4	58
136	11 $\beta$ -Hydroxysteroid dehydrogenase 1 inhibiting constituents from <i>Eriobotrya japonica</i> revealed by bioactivity-guided isolation and computational approaches. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1507-1515.	1.4	50
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