

# Tea Lanisnik Rizner

## List of Publications by Citations

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130  
papers

3,379  
citations

33  
h-index

50  
g-index

151  
ext. papers

3,904  
ext. citations

4.5  
avg, IF

5.7  
L-index

#	Paper	IF	Citations
130	AKR1C1 and AKR1C3 may determine progesterone and estrogen ratios in endometrial cancer. <i>Molecular and Cellular Endocrinology</i> , <b>2006</b> , 248, 126-35	4.4	121
129	Structure-function of human 3 alpha-hydroxysteroid dehydrogenases: genes and proteins. <i>Molecular and Cellular Endocrinology</i> , <b>2004</b> , 215, 63-72	4.4	118
128	Role of aldo-keto reductase family 1 (AKR1) enzymes in human steroid metabolism. <i>Steroids</i> , <b>2014</b> , 79, 49-63	2.8	117
127	Human type 3 3alpha-hydroxysteroid dehydrogenase (aldo-keto reductase 1C2) and androgen metabolism in prostate cells. <i>Endocrinology</i> , <b>2003</b> , 144, 2922-32	4.8	116
126	Steroid-transforming enzymes in fungi. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2012</b> , 129, 79-91	5.1	96
125	Estrogen metabolism and action in endometriosis. <i>Molecular and Cellular Endocrinology</i> , <b>2009</b> , 307, 8-18	4.4	95
124	Expression analysis of the genes involved in estradiol and progesterone action in human ovarian endometriosis. <i>Gynecological Endocrinology</i> , <b>2007</b> , 23, 105-11	2.4	95
123	Discovery of phosphatidylcholines and sphingomyelins as biomarkers for ovarian endometriosis. <i>Human Reproduction</i> , <b>2012</b> , 27, 2955-65	5.7	89
122	Disturbed estrogen and progesterone action in ovarian endometriosis. <i>Molecular and Cellular Endocrinology</i> , <b>2009</b> , 301, 59-64	4.4	85
121	The characterization of the human cell line Calu-3 under different culture conditions and its use as an optimized in vitro model to investigate bronchial epithelial function. <i>European Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 69, 1-9	5.1	72
120	Evidence for 1,8-dihydroxynaphthalene melanin in three halophilic black yeasts grown under saline and non-saline conditions. <i>FEMS Microbiology Letters</i> , <b>2004</b> , 232, 203-9	2.9	67
119	Aberrant pre-receptor regulation of estrogen and progesterone action in endometrial cancer. <i>Molecular and Cellular Endocrinology</i> , <b>2009</b> , 301, 74-82	4.4	65
118	A novel 17beta-hydroxysteroid dehydrogenase in the fungus <i>Cochliobolus lunatus</i> : new insights into the evolution of steroid-hormone signalling. <i>Biochemical Journal</i> , <b>1999</b> , 337, 425-431	3.8	65
117	The Important Roles of Steroid Sulfatase and Sulfotransferases in Gynecological Diseases. <i>Frontiers in Pharmacology</i> , <b>2016</b> , 7, 30	5.6	56
116	CYP53A15 of <i>Cochliobolus lunatus</i> , a target for natural antifungal compounds. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 3480-6	8.3	53
115	Disturbed expression of phase I and phase II estrogen-metabolizing enzymes in endometrial cancer: lower levels of CYP1B1 and increased expression of S-COMT. <i>Molecular and Cellular Endocrinology</i> , <b>2011</b> , 331, 158-67	4.4	51
114	Estrogen biosynthesis, phase I and phase II metabolism, and action in endometrial cancer. <i>Molecular and Cellular Endocrinology</i> , <b>2013</b> , 381, 124-39	4.4	49

113	Synthesis and biological evaluation of (6- and 7-phenyl) coumarin derivatives as selective nonsteroidal inhibitors of 17 $\beta$ -hydroxysteroid dehydrogenase type 1. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 248-61	8.3	48
112	Melanin biosynthesis in the fungus <i>Curvularia lunata</i> (teleomorph: <i>Cochliobolus lunatus</i> ). <i>Canadian Journal of Microbiology</i> , <b>2003</b> , 49, 110-9	3.2	47
111	Pre-receptor regulation of the androgen receptor. <i>Molecular and Cellular Endocrinology</i> , <b>2008</b> , 281, 1-8	4.4	46
110	The characterization of the human nasal epithelial cell line RPMI 2650 under different culture conditions and their optimization for an appropriate in vitro nasal model. <i>Pharmaceutical Research</i> , <b>2015</b> , 32, 665-79	4.5	45
109	Synthesis and Biological Evaluation of Organoruthenium Complexes with Azole Antifungal Agents. First Crystal Structure of a Tioconazole Metal Complex. <i>Organometallics</i> , <b>2014</b> , 33, 1594-1601	3.8	44
108	Selectivity and potency of the retroprogesterone dydrogesterone in vitro. <i>Steroids</i> , <b>2011</b> , 76, 607-15	2.8	43
107	Cinnamic acids as new inhibitors of 17 $\beta$ -hydroxysteroid dehydrogenase type 5 (AKR1C3). <i>Molecular and Cellular Endocrinology</i> , <b>2006</b> , 248, 233-5	4.4	40
106	Altered levels of acylcarnitines, phosphatidylcholines, and sphingomyelins in peritoneal fluid from ovarian endometriosis patients. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2016</b> , 159, 60-9	5.1	39
105	Nonsteroidal anti-inflammatory drugs and their analogues as inhibitors of aldo-keto reductase AKR1C3: new lead compounds for the development of anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2005</b> , 15, 5170-5	2.9	39
104	Expression of estrogen and progesterone receptors and estrogen metabolizing enzymes in different breast cancer cell lines. <i>Chemico-Biological Interactions</i> , <b>2011</b> , 191, 206-16	5	38
103	Discovery of biomarkers for endometrial cancer: current status and prospects. <i>Expert Review of Molecular Diagnostics</i> , <b>2016</b> , 16, 1315-1336	3.8	37
102	A novel 17 $\beta$ -hydroxysteroid dehydrogenase in the fungus <i>Cochliobolus lunatus</i> : new insights into the evolution of steroid-hormone signalling. <i>Biochemical Journal</i> , <b>1999</b> , 337 ( Pt 3), 425-31	3.8	37
101	Phytoestrogens as inhibitors of the human progesterone metabolizing enzyme AKR1C1. <i>Molecular and Cellular Endocrinology</i> , <b>2006</b> , 259, 30-42	4.4	35
100	Aldo-keto reductases AKR1C1, AKR1C2 and AKR1C3 may enhance progesterone metabolism in ovarian endometriosis. <i>Chemico-Biological Interactions</i> , <b>2011</b> , 191, 217-26	5	34
99	Purification and characterization of 17 $\beta$ -hydroxysteroid dehydrogenase from the filamentous fungus <i>Cochliobolus lunatus</i> . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1996</b> , 59, 205-14	5.1	34
98	Novel estrogen-related genes and potential biomarkers of ovarian endometriosis identified by differential expression analysis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2011</b> , 125, 231-42	5.1	33
97	Flavonoids and cinnamic acid esters as inhibitors of fungal 17 $\beta$ -hydroxysteroid dehydrogenase: a synthesis, QSAR and modelling study. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 7404-18	3.4	33
96	Noninvasive biomarkers of endometriosis: myth or reality?. <i>Expert Review of Molecular Diagnostics</i> , <b>2014</b> , 14, 365-85	3.8	32

95	Flavonoids and cinnamic acid derivatives as inhibitors of 17beta-hydroxysteroid dehydrogenase type 1. <i>Molecular and Cellular Endocrinology</i> , <b>2009</b> , 301, 229-34	4.4	32
94	Enzymes of the AKR1B and AKR1C Subfamilies and Uterine Diseases. <i>Frontiers in Pharmacology</i> , <b>2012</b> , 3, 34	5.6	31
93	Rational design of novel mutants of fungal 17beta-hydroxysteroid dehydrogenase. <i>Journal of Biotechnology</i> , <b>2007</b> , 129, 123-30	3.7	30
92	Expression analysis of estrogen-metabolizing enzymes in human endometrial cancer. <i>Molecular and Cellular Endocrinology</i> , <b>2006</b> , 248, 114-7	4.4	30
91	17Beta-hydroxysteroid dehydrogenase from <i>Cochliobolus lunatus</i> : model structure and substrate specificity. <i>Archives of Biochemistry and Biophysics</i> , <b>2000</b> , 384, 255-62	4.1	29
90	Elevated glycodelin-A concentrations in serum and peritoneal fluid of women with ovarian endometriosis. <i>Gynecological Endocrinology</i> , <b>2013</b> , 29, 455-9	2.4	28
89	Altered expression of genes involved in progesterone biosynthesis, metabolism and action in endometrial cancer. <i>Chemico-Biological Interactions</i> , <b>2013</b> , 202, 210-7	5	28
88	Panels of cytokines and other secretory proteins as potential biomarkers of ovarian endometriosis. <i>Journal of Molecular Diagnostics</i> , <b>2015</b> , 17, 325-34	5.1	27
87	The endometrial cancer cell lines Ishikawa and HEC-1A, and the control cell line HIEEC, differ in expression of estrogen biosynthetic and metabolic genes, and in androstenedione and estrone-sulfate metabolism. <i>Chemico-Biological Interactions</i> , <b>2015</b> , 234, 309-19	5	25
86	Disturbed balance between phase I and II metabolizing enzymes in ovarian endometriosis: a source of excessive hydroxy-estrogens and ROS?. <i>Molecular and Cellular Endocrinology</i> , <b>2013</b> , 367, 74-84	4.4	25
85	Progestins as inhibitors of the human 20-ketosteroid reductases, AKR1C1 and AKR1C3. <i>Chemico-Biological Interactions</i> , <b>2011</b> , 191, 227-33	5	25
84	Expression of 17beta-hydroxysteroid dehydrogenases and other estrogen-metabolizing enzymes in different cancer cell lines. <i>Chemico-Biological Interactions</i> , <b>2009</b> , 178, 228-33	5	25
83	Inhibitors of aldo-keto reductases AKR1C1-AKR1C4. <i>Current Medicinal Chemistry</i> , <b>2011</b> , 18, 2554-65	4.3	25
82	Diagnostic potential of peritoneal fluid biomarkers of endometriosis. <i>Expert Review of Molecular Diagnostics</i> , <b>2015</b> , 15, 557-80	3.8	24
81	Expression of AKR1B1, AKR1C3 and other genes of prostaglandin F2 biosynthesis and action in ovarian endometriosis tissue and in model cell lines. <i>Chemico-Biological Interactions</i> , <b>2015</b> , 234, 320-31	5	23
80	Expression of 17beta-hydroxysteroid dehydrogenases in mesophilic and extremophilic yeast. <i>Steroids</i> , <b>2001</b> , 66, 49-54	2.8	23
79	Steroid hormone signalling system and fungi. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>1995</b> , 112, 637-42	2.3	23
78	Models including plasma levels of sphingomyelins and phosphatidylcholines as diagnostic and prognostic biomarkers of endometrial cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2018</b> , 178, 312-321	5.1	22

77	The Importance of Steroid Uptake and Intracrine Action in Endometrial and Ovarian Cancers. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 346	5.6	22
76	Cinnamic acid esters as potent inhibitors of fungal 17 $\beta$ -hydroxysteroid dehydrogenase--a model enzyme of the short-chain dehydrogenase/reductase superfamily. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2004</b> , 14, 3933-6	2.9	22
75	Pyridione-based ruthenium complexes as inhibitors of aldo-keto reductase 1C enzymes and anticancer agents. <i>Dalton Transactions</i> , <b>2016</b> , 45, 11791-800	4.3	21
74	New cyclopentane derivatives as inhibitors of steroid metabolizing enzymes AKR1C1 and AKR1C3. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 2563-71	6.8	21
73	Characterization of fungal 17 $\beta$ -hydroxysteroid dehydrogenases. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2000</b> , 127, 53-63	2.3	21
72	Synthesis and structure-activity relationships of 2- and/or 4-halogenated 13 $\beta$ and 13 $\alpha$ estrone derivatives as enzyme inhibitors of estrogen biosynthesis. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2018</b> , 33, 1271-1282	5.6	21
71	Important roles of the AKR1C2 and SRD5A1 enzymes in progesterone metabolism in endometrial cancer model cell lines. <i>Chemico-Biological Interactions</i> , <b>2015</b> , 234, 297-308	5	19
70	Suitability of isolated rat jejunum model for demonstration of complete absorption in humans for BCS-based biowaiver request. <i>Journal of Pharmaceutical Sciences</i> , <b>2012</b> , 101, 1436-49	3.9	19
69	The Significance of the Sulfatase Pathway for Local Estrogen Formation in Endometrial Cancer. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 368	5.6	19
68	17 $\beta$ -hydroxysteroid dehydrogenase from the fungus <i>Cochliobolus lunatus</i> : structural and functional aspects. <i>Chemico-Biological Interactions</i> , <b>2001</b> , 130-132, 793-803	5	19
67	Searching for the physiological function of 17 $\beta$ -hydroxysteroid dehydrogenase from the fungus <i>Cochliobolus lunatus</i> : studies of substrate specificity and expression analysis. <i>Molecular and Cellular Endocrinology</i> , <b>2001</b> , 171, 193-8	4.4	19
66	Novel algorithm including CA-125, HE4 and body mass index in the diagnosis of endometrial cancer. <i>Gynecologic Oncology</i> , <b>2017</b> , 147, 126-132	4.9	18
65	Significance of individual amino acid residues for coenzyme and substrate specificity of 17 $\beta$ -hydroxysteroid dehydrogenase from the fungus <i>Cochliobolus lunatus</i> . <i>Chemico-Biological Interactions</i> , <b>2003</b> , 143-144, 493-501	5	18
64	Membrane progesterone receptors $\beta$ and $\gamma$ have potential as prognostic biomarkers of endometrial cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2018</b> , 178, 303-311	5.1	17
63	Cinnamates and cinnamamides inhibit fungal 17 $\beta$ -hydroxysteroid dehydrogenase. <i>Molecular and Cellular Endocrinology</i> , <b>2006</b> , 248, 239-41	4.4	17
62	Structural basis for inhibition of 17 $\beta$ -hydroxysteroid dehydrogenases by phytoestrogens: The case of fungal 17 $\beta$ HSD $\alpha$ 1. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2017</b> , 171, 80-93	5.1	16
61	Selective inhibitors of aldo-keto reductases AKR1C1 and AKR1C3 discovered by virtual screening of a fragment library. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 7417-24	8.3	16
60	Coenzyme specificity in fungal 17 $\beta$ -hydroxysteroid dehydrogenase. <i>Molecular and Cellular Endocrinology</i> , <b>2005</b> , 241, 80-7	4.4	16

59	Demonstrating suitability of the Caco-2 cell model for BCS-based biowaiver according to the recent FDA and ICH harmonised guidelines. <i>Journal of Pharmacy and Pharmacology</i> , <b>2019</b> , 71, 1231-1242	4.8	15
58	Trihydroxynaphthalene reductase of <i>Curvularia lunata</i> --a target for flavonoid action?. <i>Chemico-Biological Interactions</i> , <b>2009</b> , 178, 259-67	5	15
57	Phytoestrogens as inhibitors of fungal 17beta-hydroxysteroid dehydrogenase. <i>Steroids</i> , <b>2005</b> , 70, 626-35	5.8	15
56	Phytoestrogens as inhibitors of fungal 17beta-hydroxysteroid dehydrogenase. <i>Steroids</i> , <b>2005</b> , 70, 694-703	5.8	15
55	STAR and AKR1B10 are down-regulated in high-grade endometrial cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2017</b> , 171, 43-53	5.1	14
54	Decreased levels of AKR1B1 and AKR1B10 in cancerous endometrium compared to adjacent non-cancerous tissue. <i>Chemico-Biological Interactions</i> , <b>2013</b> , 202, 226-33	5	14
53	Ruthenium complexes as inhibitors of the aldo-keto reductases AKR1C1-1C3. <i>Chemico-Biological Interactions</i> , <b>2015</b> , 234, 349-59	5	14
52	N-Benzoyl anthranilic acid derivatives as selective inhibitors of aldo-keto reductase AKR1C3. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2012</b> , 22, 5948-51	2.9	14
51	Correlation between erythropoietin receptor(s) and estrogen and progesterone receptor expression in different breast cancer cell lines. <i>International Journal of Molecular Medicine</i> , <b>2013</b> , 31, 717-25	4.4	14
50	Novel inhibitors of trihydroxynaphthalene reductase with antifungal activity identified by ligand-based and structure-based virtual screening. <i>Journal of Chemical Information and Modeling</i> , <b>2011</b> , 51, 1716-24	6.1	13
49	Derivatives of pyrimidine, phthalimide and anthranilic acid as inhibitors of human hydroxysteroid dehydrogenase AKR1C1. <i>Chemico-Biological Interactions</i> , <b>2009</b> , 178, 158-64	5	13
48	Aldo-keto reductase 1C3-Assessment as a new target for the treatment of endometriosis. <i>Pharmacological Research</i> , <b>2020</b> , 152, 104446	10.2	13
47	Insights into subtle conformational differences in the substrate-binding loop of fungal 17beta-hydroxysteroid dehydrogenase: a combined structural and kinetic approach. <i>Biochemical Journal</i> , <b>2012</b> , 441, 151-60	3.8	12
46	Expression of human aldo-keto reductase 1C2 in cell lines of peritoneal endometriosis: potential implications in metabolism of progesterone and dydrogesterone and inhibition by progestins. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2012</b> , 130, 16-25	5.1	12
45	Role of human type 3 3alpha-hydroxysteroid dehydrogenase (AKR1C2) in androgen metabolism of prostate cancer cells. <i>Chemico-Biological Interactions</i> , <b>2003</b> , 143-144, 401-9	5	12
44	Dimerization and enzymatic activity of fungal 17beta-hydroxysteroid dehydrogenase from the short-chain dehydrogenase/reductase superfamily. <i>BMC Biochemistry</i> , <b>2005</b> , 6, 28	4.8	12
43	Increased levels of biglycan in endometriomas and peritoneal fluid samples from ovarian endometriosis patients. <i>Gynecological Endocrinology</i> , <b>2014</b> , 30, 520-4	2.4	11
42	Biochemical and biological evaluation of novel potent coumarin inhibitor of 17beta-HSD type 1. <i>Chemico-Biological Interactions</i> , <b>2011</b> , 191, 60-5	5	11

41	Discovery of new inhibitors of aldo-keto reductase 1C1 by structure-based virtual screening. <i>Molecular and Cellular Endocrinology</i> , <b>2009</b> , 301, 245-50	4.4	11
40	Crystallization, X-ray diffraction analysis and phasing of 17beta-hydroxysteroid dehydrogenase from the fungus <i>Cochliobolus lunatus</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2005</b> , 61, 1032-4		10
39	Metabolomics for Diagnosis and Prognosis of Uterine Diseases? A Systematic Review. <i>Journal of Personalized Medicine</i> , <b>2020</b> , 10,	3.6	10
38	Discovery of highly potent, nonsteroidal 17βhydroxysteroid dehydrogenase type 1 inhibitors by virtual high-throughput screening. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2011</b> , 127, 255-81	5.1	9
37	Towards the first inhibitors of trihydroxynaphthalene reductase from <i>Curvularia lunata</i> : synthesis of artificial substrate, homology modelling and initial screening. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 5881-9	3.4	9
36	Phylogenetic Studies, Gene Cluster Analysis, and Enzymatic Reaction Support Anthrahydroquinone Reduction as the Physiological Function of Fungal 17β-Hydroxysteroid Dehydrogenase. <i>ChemBioChem</i> , <b>2017</b> , 18, 77-80	3.8	8
35	2,3-Diarylpropenoic acids as selective non-steroidal inhibitors of type-5 17βhydroxysteroid dehydrogenase (AKR1C3). <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 62, 89-97	6.8	8
34	Progestin effects on expression of AKR1C1-AKR1C3, SRD5A1 and PGR in the Z-12 endometriotic epithelial cell line. <i>Chemico-Biological Interactions</i> , <b>2013</b> , 202, 218-25	5	8
33	Effects of progestins on local estradiol biosynthesis and action in the Z-12 endometriotic epithelial cell line. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2012</b> , 132, 303-10	5.1	8
32	His164 regulates accessibility to the active site in fungal 17beta-hydroxysteroid dehydrogenase. <i>Biochimie</i> , <b>2007</b> , 89, 63-71	4.6	8
31	Teaching the structure of immunoglobulins by molecular visualization and SDS-PAGE analysis. <i>Biochemistry and Molecular Biology Education</i> , <b>2014</b> , 42, 152-9	1.3	7
30	Combined liquid chromatography-tandem mass spectrometry analysis of progesterone metabolites. <i>PLoS ONE</i> , <b>2015</b> , 10, e0117984	3.7	7
29	Aldo-Keto Reductases and Cancer Drug Resistance. <i>Pharmacological Reviews</i> , <b>2021</b> , 73, 1150-1171	22.5	7
28	Multiplex analysis of 40 cytokines do not allow separation between endometriosis patients and controls. <i>Scientific Reports</i> , <b>2019</b> , 9, 16738	4.9	7
27	Phospholipase A2 group IIA is elevated in endometriomas but not in peritoneal fluid and serum of ovarian endometriosis patients. <i>Gynecological Endocrinology</i> , <b>2015</b> , 31, 214-8	2.4	6
26	Data on expression of genes involved in estrogen and progesterone action, inflammation and differentiation according to demographic, histopathological and clinical characteristics of endometrial cancer patients. <i>Data in Brief</i> , <b>2017</b> , 12, 632-643	1.2	5
25	The role of Ala231 and Trp227 in the substrate specificities of fungal 17βhydroxysteroid dehydrogenase and trihydroxynaphthalene reductase: Steroids versus smaller substrates. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2012</b> , 129, 92-8	5.1	5
24	Two homologous fungal carbonyl reductases with different substrate specificities. <i>Chemico-Biological Interactions</i> , <b>2009</b> , 178, 295-302	5	5

23	Conformational stability of 17 beta-hydroxysteroid dehydrogenase from the fungus <i>Cochliobolus lunatus</i> . <i>FEBS Journal</i> , <b>2006</b> , 273, 3927-37	5.7	5
22	Metabolism of Estrogens: Turnover Differs Between Platinum-Sensitive and -Resistant High-Grade Serous Ovarian Cancer Cells. <i>Cancers</i> , <b>2020</b> , 12,	6.6	3
21	Models including serum CA-125, BMI, cyst pathology, dysmenorrhea or dyspareunia for diagnosis of endometriosis. <i>Biomarkers in Medicine</i> , <b>2018</b> , 12, 737-747	2.3	3
20	New enzymatic assay for the AKR1C enzymes. <i>Chemico-Biological Interactions</i> , <b>2013</b> , 202, 204-9	5	3
19	Simultaneous binding of coenzyme and two ligand molecules into the active site of fungal trihydroxynaphthalene reductase. <i>Chemico-Biological Interactions</i> , <b>2009</b> , 178, 268-73	5	3
18	Mutations that affect coenzyme binding and dimer formation of fungal 17beta-hydroxysteroid dehydrogenase. <i>Molecular and Cellular Endocrinology</i> , <b>2009</b> , 301, 47-50	4.4	3
17	New inhibitors of fungal 17beta-hydroxysteroid dehydrogenase based on the [1,5]-benzodiazepine scaffold. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2007</b> , 22, 29-36	5.6	3
16	Different Culture Conditions Affect Drug Transporter Gene Expression, Ultrastructure, and Permeability of Primary Human Nasal Epithelial Cells. <i>Pharmaceutical Research</i> , <b>2020</b> , 37, 170	4.5	3
15	General toxicity assessment of the novel aldose reductase inhibitor cemtirestat. <i>Interdisciplinary Toxicology</i> , <b>2019</b> , 12, 120-128	2.3	2
14	AKR1C3 Is Associated with Better Survival of Patients with Endometrial Carcinomas. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	2
13	Altered Profile of E1-S Transporters in Endometrial Cancer: Lower Protein Levels of ABCG2 and OST and Up-Regulation of Expression. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
12	AKR1B1 and AKR1B10 as Prognostic Biomarkers of Endometrioid Endometrial Carcinomas. <i>Cancers</i> , <b>2021</b> , 13,	6.6	2
11	Detection of Aristaless-related homeobox protein in ovarian sex cord-stromal tumors. <i>Experimental and Molecular Pathology</i> , <b>2018</b> , 104, 38-44	4.4	1
10	In the Model Cell Lines of Moderately and Poorly Differentiated Endometrial Carcinoma, Estrogens Can Be Formed the Sulfatase Pathway. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 743403	5.6	1
9	Proteomic analysis of peritoneal fluid identified COMP and TGFBI as new candidate biomarkers for endometriosis. <i>Scientific Reports</i> , <b>2021</b> , 11, 20870	4.9	1
8	Synthesis and evaluation of AKR1C inhibitory properties of A-ring halogenated oestrone derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2021</b> , 36, 1500-1508	5.6	1
7	Heterocyclic androstane and estrane d-ring modified steroids: Microwave-assisted synthesis, steroid-converting enzyme inhibition, apoptosis induction, and effects on genes encoding estrogen inactivating enzymes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2021</b> , 214, 105997	5.1	1
6	Model Cell Lines and Tissues of Different HGSOC Subtypes Differ in Local Estrogen Biosynthesis. <i>Cancers</i> , <b>2022</b> , 14, 2583	6.6	0



- 5 Chemico-Biological Interactions. Enzymology and molecular biology of carbonyl metabolism 16. Introduction. *Chemico-Biological Interactions*, **2013**, 202, 1 5
- 4 Design and synthesis of substrate mimetics based on an indole scaffold: potential inhibitors of 17 $\beta$ HSD type 1. *Hormone Molecular Biology and Clinical Investigation*, **2011**, 6, 201-9 1-3
- 3 Preparation of Recombinant Human Hydroxysteroid Dehydrogenases and Study of their Inhibitors. *Scientia Pharmaceutica*, **2010**, 78, 592-592 4-3
- 2 N-Phenyl-1,2,3,4-tetrahydroisoquinoline: An Alternative Scaffold for the Design of 17 $\beta$ Hydroxysteroid Dehydrogenase 1 Inhibitors. *ChemMedChem*, **2021**, 16, 259-291 3-7
- 1 Antibody Arrays Identified Cycle-Dependent Plasma Biomarker Candidates of Peritoneal Endometriosis. *Journal of Personalized Medicine*, **2022**, 12, 852 3-6