

Tea Lanisnik Rizner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4049152/publications.pdf>

Version: 2024-02-01

150
papers

4,330
citations

101543

36
h-index

144013

57
g-index

151
all docs

151
docs citations

151
times ranked

4982
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | AKR1B1 as a Prognostic Biomarker of High-Grade Serous Ovarian Cancer. <i>Cancers</i> , 2022, 14, 809. | 3.7 | 8 |
| 2 | Physiological Concentrations of Cimicifuga racemosa Extract Do Not Affect Expression of Genes Involved in Estrogen Biosynthesis and Action in Endometrial and Ovarian Cell Lines. <i>Biomolecules</i> , 2022, 12, 545. | 4.0 | 1 |
| 3 | Diagnostic and Therapeutic Values of Angiogenic Factors in Endometrial Cancer. <i>Biomolecules</i> , 2022, 12, 7. | 4.0 | 10 |
| 4 | Model Cell Lines and Tissues of Different HGSOC Subtypes Differ in Local Estrogen Biosynthesis. <i>Cancers</i> , 2022, 14, 2583. | 3.7 | 5 |
| 5 | Antibody Arrays Identified Cycle-Dependent Plasma Biomarker Candidates of Peritoneal Endometriosis. <i>Journal of Personalized Medicine</i> , 2022, 12, 852. | 2.5 | 2 |
| 6 | 1,2,3,4-tetrahydroisoquinoline: An Alternative Scaffold for the Design of Hydroxysteroid Dehydrogenase 1 Inhibitors. <i>ChemMedChem</i> , 2021, 16, 259-291. | 3.2 | 4 |
| 7 | Synthesis and evaluation of AKR1C inhibitory properties of A-ring halogenated oestrone derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1499-1507. | 5.2 | 3 |
| 8 | Tie-2, G-CSF, and Leptin as Promising Diagnostic Biomarkers for Endometrial Cancer: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 765. | 2.4 | 6 |
| 9 | Altered Profile of E1-S Transporters in Endometrial Cancer: Lower Protein Levels of ABCG2 and OST α 2 and Up-Regulation of SLCO1B3 Expression. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3819. | 4.1 | 6 |
| 10 | Biomarkers of endometriosis: How far have we come and where are we going?. <i>ZdravniÅki Vestnik</i> , 2021, 90, 256-265. | 0.1 | 2 |
| 11 | Aldo-Keto Reductases and Cancer Drug Resistance. <i>Pharmacological Reviews</i> , 2021, 73, 1150-1171. | 16.0 | 52 |
| 12 | Abstract 464: BioEndoCar: in search of new Biomarkers for Diagnosis and Prognosis of Endometrial Carcinoma. , 2021, , . | | 0 |
| 13 | AKR1B1 and AKR1B10 as Prognostic Biomarkers of Endometrioid Endometrial Carcinomas. <i>Cancers</i> , 2021, 13, 3398. | 3.7 | 8 |
| 14 | 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> , 2021, 214, 105997. | 2.5 | 5 |
| 15 | Estrogens and the SchrÅdingerâ€™s Cat in the Ovarian Tumor Microenvironment. <i>Cancers</i> , 2021, 13, 5011. | 3.7 | 5 |
| 16 | 412â€¦BioEndoCar: omics approaches for diagnosis and prognosis of endometrial cancer. , 2021, , . | | 0 |
| 17 | 783â€¦AKR1C3 â€œ a potential prognostic biomarker for patients with endometrial carcinomas. , 2021, , . | | 0 |
| 18 | 622â€¦The role of angiogenic factors in endometrial cancer. , 2021, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Proteomic analysis of peritoneal fluid identified COMP and TGFBI as new candidate biomarkers for endometriosis. <i>Scientific Reports</i> , 2021, 11, 20870. | 3.3 | 15 |
| 20 | In the Model Cell Lines of Moderately and Poorly Differentiated Endometrial Carcinoma, Estrogens Can Be Formed via the Sulfatase Pathway. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 743403. | 3.5 | 5 |
| 21 | Aldo-keto reductase 1C3 Assessment as a new target for the treatment of endometriosis. <i>Pharmacological Research</i> , 2020, 152, 104446. | 7.1 | 27 |
| 22 | Different Culture Conditions Affect Drug Transporter Gene Expression, Ultrastructure, and Permeability of Primary Human Nasal Epithelial Cells. <i>Pharmaceutical Research</i> , 2020, 37, 170. | 3.5 | 9 |
| 23 | AKR1C3 Is Associated with Better Survival of Patients with Endometrial Carcinomas. <i>Journal of Clinical Medicine</i> , 2020, 9, 4105. | 2.4 | 9 |
| 24 | Metabolism of Estrogens: Turnover Differs between Platinum-Sensitive and -Resistant High-Grade Serous Ovarian Cancer Cells. <i>Cancers</i> , 2020, 12, 279. | 3.7 | 5 |
| 25 | Metabolomics for Diagnosis and Prognosis of Uterine Diseases? A Systematic Review. <i>Journal of Personalized Medicine</i> , 2020, 10, 294. | 2.5 | 17 |
| 26 | 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> , 2019, 71, 1231-1242. | 2.4 | 23 |
| 27 | Editorial: Relevance of Steroid Biosynthesis, Metabolism and Transport in Pathophysiology and Drug Discovery. <i>Frontiers in Pharmacology</i> , 2019, 10, 245. | 3.5 | 1 |
| 28 | Multiplex analysis of 40 cytokines do not allow separation between endometriosis patients and controls. <i>Scientific Reports</i> , 2019, 9, 16738. | 3.3 | 12 |
| 29 | Paramount importance of sample quality in pre-clinical and clinical research Need for standard operating procedures (SOPs). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 186, 1-3. | 2.5 | 6 |
| 30 | General toxicity assessment of the novel aldose reductase inhibitor centirestat. <i>Interdisciplinary Toxicology</i> , 2019, 12, 120-128. | 1.0 | 7 |
| 31 | EP555 Biomarkers for diagnosis and prognosis of endometrial carcinoma: <i>BioEndoCar.</i> , 2019, , . | | 0 |
| 32 | EP556 Decreased s-Tie2 plasma concentration in patients with endometrioid endometrial cancer. , 2019, , . | | 0 |
| 33 | EP554 The effects of <i>Cimicifuga racemosa</i> extract on endometrial and ovarian cancer cell lines. , 2019, , . | | 0 |
| 34 | P82 Decreased expression of ABCG2 and SLC51B in endometrial cancer. , 2019, , . | | 0 |
| 35 | Membrane progesterone receptors $\hat{1}^2$ and $\hat{1}^3$ have potential as prognostic biomarkers of endometrial cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 178, 303-311. | 2.5 | 31 |
| 36 | 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> , 2018, 178, 312-321. | 2.5 | 43 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Detection of Aristaless-related homeobox protein in ovarian sex cord-stromal tumors. <i>Experimental and Molecular Pathology</i> , 2018, 104, 38-44. | 2.1 | 1 |
| 38 | It is high time to discontinue use of misidentified and contaminated cells: Guidelines for description and authentication of cell lines. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 182, 1-3. | 2.5 | 6 |
| 39 | Synthesis and structure-activity relationships of 2- and/or 4-halogenated 13 β - and 13 α -estrone derivatives as enzyme inhibitors of estrogen biosynthesis. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 1271-1282. | 5.2 | 23 |
| 40 | Models including serum CA-125, BMI, cyst pathology, dysmenorrhea or dyspareunia for diagnosis of endometriosis. <i>Biomarkers in Medicine</i> , 2018, 12, 737-747. | 1.4 | 5 |
| 41 | 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> , 2017, 12, 632-643. | 1.0 | 5 |
| 42 | Phylogenetic Studies, Gene Cluster Analysis, and Enzymatic Reaction Support Anthrahydroquinone Reduction as the Physiological Function of Fungal 17 β -Hydroxysteroid Dehydrogenase. <i>ChemBioChem</i> , 2017, 18, 77-80. | 2.6 | 13 |
| 43 | STAR and AKR1B10 are down-regulated in high-grade endometrial cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 171, 43-53. | 2.5 | 20 |
| 44 | Structural basis for inhibition of 17 β -hydroxysteroid dehydrogenases by phytoestrogens: The case of fungal 17 β -HSDcl. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 171, 80-93. | 2.5 | 21 |
| 45 | Novel algorithm including CA-125, HE4 and body mass index in the diagnosis of endometrial cancer. <i>Gynecologic Oncology</i> , 2017, 147, 126-132. | 1.4 | 37 |
| 46 | The Importance of Steroid Uptake and Intracrine Action in Endometrial and Ovarian Cancers. <i>Frontiers in Pharmacology</i> , 2017, 8, 346. | 3.5 | 35 |
| 47 | The Significance of the Sulfatase Pathway for Local Estrogen Formation in Endometrial Cancer. <i>Frontiers in Pharmacology</i> , 2017, 8, 368. | 3.5 | 29 |
| 48 | The Important Roles of Steroid Sulfatase and Sulfotransferases in Gynecological Diseases. <i>Frontiers in Pharmacology</i> , 2016, 7, 30. | 3.5 | 75 |
| 49 | Discovery of biomarkers for endometrial cancer: current status and prospects. <i>Expert Review of Molecular Diagnostics</i> , 2016, 16, 1315-1336. | 3.1 | 56 |
| 50 | Pyridone-based ruthenium complexes as inhibitors of aldo-keto reductase 1C enzymes and anticancer agents. <i>Dalton Transactions</i> , 2016, 45, 11791-11800. | 3.3 | 30 |
| 51 | Recommendations for description and validation of antibodies for research use. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 156, 40-42. | 2.5 | 12 |
| 52 | Altered levels of acylcarnitines, phosphatidylcholines, and sphingomyelins in peritoneal fluid from ovarian endometriosis patients. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 159, 60-69. | 2.5 | 52 |
| 53 | Medikamentozno zdravljenje endometrioze: pregled stanja in nove možnosti zdravljenja. <i>Zdravniški Vestnik</i> , 2016, 85, . | 0.1 | 0 |
| 54 | Combined Liquid Chromatography-Tandem Mass Spectrometry Analysis of Progesterone Metabolites. <i>PLoS ONE</i> , 2015, 10, e0117984. | 2.5 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Ruthenium complexes as inhibitors of the aldo-keto reductases AKR1C1–AKR1C3. <i>Chemico-Biological Interactions</i> , 2015, 234, 349-359. | 4.0 | 16 |
| 56 | Expression of AKR1B1, AKR1C3 and other genes of prostaglandin F ₂ biosynthesis and action in ovarian endometriosis tissue and in model cell lines. <i>Chemico-Biological Interactions</i> , 2015, 234, 320-331. | 4.0 | 31 |
| 57 | 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> , 2015, 69, 1-9. | 4.0 | 106 |
| 58 | Diagnostic potential of peritoneal fluid biomarkers of endometriosis. <i>Expert Review of Molecular Diagnostics</i> , 2015, 15, 557-580. | 3.1 | 32 |
| 59 | Panels of Cytokines and Other Secretory Proteins as Potential Biomarkers of Ovarian Endometriosis. <i>Journal of Molecular Diagnostics</i> , 2015, 17, 325-334. | 2.8 | 38 |
| 60 | Important roles of the AKR1C2 and SRD5A1 enzymes in progesterone metabolism in endometrial cancer model cell lines. <i>Chemico-Biological Interactions</i> , 2015, 234, 297-308. | 4.0 | 31 |
| 61 | 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> , 2015, 234, 309-319. | 4.0 | 36 |
| 62 | Phospholipase A2 group IIA is elevated in endometriomas but not in peritoneal fluid and serum of ovarian endometriosis patients. <i>Gynecological Endocrinology</i> , 2015, 31, 214-218. | 1.7 | 6 |
| 63 | 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> , 2015, 32, 665-679. | 3.5 | 63 |
| 64 | Increased levels of biglycan in endometriomas and peritoneal fluid samples from ovarian endometriosis patients. <i>Gynecological Endocrinology</i> , 2014, 30, 520-524. | 1.7 | 12 |
| 65 | Role of aldo-keto reductase family 1 (AKR1) enzymes in human steroid metabolism. <i>Steroids</i> , 2014, 79, 49-63. | 1.8 | 159 |
| 66 | Noninvasive biomarkers of endometriosis: myth or reality?. <i>Expert Review of Molecular Diagnostics</i> , 2014, 14, 365-385. | 3.1 | 41 |
| 67 | Synthesis and Biological Evaluation of Organoruthenium Complexes with Azole Antifungal Agents. First Crystal Structure of a Tioconazole Metal Complex. <i>Organometallics</i> , 2014, 33, 1594-1601. | 2.3 | 51 |
| 68 | Teaching the structure of immunoglobulins by molecular visualization and SDS-PAGE analysis. <i>Biochemistry and Molecular Biology Education</i> , 2014, 42, 152-159. | 1.2 | 8 |
| 69 | Elevated glycodelin-A concentrations in serum and peritoneal fluid of women with ovarian endometriosis. <i>Gynecological Endocrinology</i> , 2013, 29, 455-459. | 1.7 | 35 |
| 70 | Estrogen biosynthesis, phase I and phase II metabolism, and action in endometrial cancer. <i>Molecular and Cellular Endocrinology</i> , 2013, 381, 124-139. | 3.2 | 60 |
| 71 | 2,3-Diarylpropenoic acids as selective non-steroidal inhibitors of type-5 17 β -hydroxysteroid dehydrogenase (AKR1C3). <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 89-97. | 5.5 | 10 |
| 72 | Decreased levels of AKR1B1 and AKR1B10 in cancerous endometrium compared to adjacent non-cancerous tissue. <i>Chemico-Biological Interactions</i> , 2013, 202, 226-233. | 4.0 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Progesterin effects on expression of AKR1C1, AKR1C3, SRD5A1 and PGR in the Z-12 endometriotic epithelial cell line. <i>Chemico-Biological Interactions</i> , 2013, 202, 218-225. | 4.0 | 10 |
| 74 | 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> , 2013, 367, 74-84. | 3.2 | 37 |
| 75 | New enzymatic assay for the AKR1C enzymes. <i>Chemico-Biological Interactions</i> , 2013, 202, 204-209. | 4.0 | 4 |
| 76 | Introduction. <i>Chemico-Biological Interactions</i> , 2013, 202, 1. | 4.0 | 0 |
| 77 | Altered expression of genes involved in progesterone biosynthesis, metabolism and action in endometrial cancer. <i>Chemico-Biological Interactions</i> , 2013, 202, 210-217. | 4.0 | 33 |
| 78 | Correlation between erythropoietin receptor(s) and estrogen and progesterone receptor expression in different breast cancer cell lines. <i>International Journal of Molecular Medicine</i> , 2013, 31, 717-725. | 4.0 | 15 |
| 79 | Insights into subtle conformational differences in the substrate-binding loop of fungal 17 β -hydroxysteroid dehydrogenase: a combined structural and kinetic approach. <i>Biochemical Journal</i> , 2012, 441, 151-160. | 3.7 | 12 |
| 80 | N-Benzoyl anthranilic acid derivatives as selective inhibitors of aldo-keto reductase AKR1C3. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5948-5951. | 2.2 | 15 |
| 81 | 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> , 2012, 132, 303-310. | 2.5 | 12 |
| 82 | Selective Inhibitors of Aldo-Keto Reductases AKR1C1 and AKR1C3 Discovered by Virtual Screening of a Fragment Library. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 7417-7424. | 6.4 | 20 |
| 83 | The role of Ala231 and Trp227 in the substrate specificities of fungal 17 β -hydroxysteroid dehydrogenase and trihydroxynaphthalene reductase: Steroids versus smaller substrates. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012, 129, 92-98. | 2.5 | 6 |
| 84 | Steroid-transforming enzymes in fungi. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012, 129, 79-91. | 2.5 | 133 |
| 85 | Expression of human aldo-keto reductase 1C2 in cell lines of peritoneal endometriosis: Potential implications in metabolism of progesterone and dihydroprogesterone and inhibition by progestins. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012, 130, 16-25. | 2.5 | 13 |
| 86 | Steroids and microorganisms. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012, 129, 1-3. | 2.5 | 13 |
| 87 | Discovery of phosphatidylcholines and sphingomyelins as biomarkers for ovarian endometriosis. <i>Human Reproduction</i> , 2012, 27, 2955-2965. | 0.9 | 108 |
| 88 | Suitability of Isolated Rat Jejunum Model for Demonstration of Complete Absorption in Humans for BCS-Based Biowaiver Request. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 1436-1449. | 3.3 | 22 |
| 89 | Enzymes of the AKR1B and AKR1C Subfamilies and Uterine Diseases. <i>Frontiers in Pharmacology</i> , 2012, 3, 34. | 3.5 | 35 |
| 90 | 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> , 2011, 51, 1716-1724. | 5.4 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Design and synthesis of substrate mimetics based on an indole scaffold: potential inhibitors of 17 β -HSD type 1. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2011, 6, 201-209. | 0.7 | 2 |
| 92 | 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> , 2011, 331, 158-167. | 3.2 | 59 |
| 93 | Novel estrogen-related genes and potential biomarkers of ovarian endometriosis identified by differential expression analysis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 125, 231-242. | 2.5 | 37 |
| 94 | Discovery of highly potent, nonsteroidal 17 β -hydroxysteroid dehydrogenase type 1 inhibitors by virtual high-throughput screening. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 127, 255-261. | 2.5 | 9 |
| 95 | Selectivity and potency of the retroprogesterone dydrogesterone in vitro. <i>Steroids</i> , 2011, 76, 607-615. | 1.8 | 58 |
| 96 | Synthesis and Biological Evaluation of (6- and 7-Phenyl) Coumarin Derivatives as Selective Nonsteroidal Inhibitors of 17 β -Hydroxysteroid Dehydrogenase Type 1. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 248-261. | 6.4 | 61 |
| 97 | Progestins as inhibitors of the human 20-ketosteroid reductases, AKR1C1 and AKR1C3. <i>Chemico-Biological Interactions</i> , 2011, 191, 227-233. | 4.0 | 30 |
| 98 | Expression of estrogen and progesterone receptors and estrogen metabolizing enzymes in different breast cancer cell lines. <i>Chemico-Biological Interactions</i> , 2011, 191, 206-216. | 4.0 | 48 |
| 99 | Biochemical and biological evaluation of novel potent coumarin inhibitor of 17 β -HSD type 1. <i>Chemico-Biological Interactions</i> , 2011, 191, 60-65. | 4.0 | 14 |
| 100 | Aldo-keto reductases AKR1C1, AKR1C2 and AKR1C3 may enhance progesterone metabolism in ovarian endometriosis. <i>Chemico-Biological Interactions</i> , 2011, 191, 217-226. | 4.0 | 46 |
| 101 | Inhibitors of Aldo-Keto Reductases AKR1C1-AKR1C4. <i>Current Medicinal Chemistry</i> , 2011, 18, 2554-2565. | 2.4 | 34 |
| 102 | Preparation of Recombinant Human Hydroxysteroid Dehydrogenases and Study of their Inhibitors. <i>Scientia Pharmaceutica</i> , 2010, 78, 592-592. | 2.0 | 0 |
| 103 | Two homologous fungal carbonyl reductases with different substrate specificities. <i>Chemico-Biological Interactions</i> , 2009, 178, 295-302. | 4.0 | 5 |
| 104 | Derivatives of pyrimidine, phthalimide and anthranilic acid as inhibitors of human hydroxysteroid dehydrogenase AKR1C1. <i>Chemico-Biological Interactions</i> , 2009, 178, 158-164. | 4.0 | 17 |
| 105 | Trihydroxynaphthalene reductase of <i>Curvularia lunata</i> – A target for flavonoid action?. <i>Chemico-Biological Interactions</i> , 2009, 178, 259-267. | 4.0 | 18 |
| 106 | Expression of 17 β -hydroxysteroid dehydrogenases and other estrogen-metabolizing enzymes in different cancer cell lines. <i>Chemico-Biological Interactions</i> , 2009, 178, 228-233. | 4.0 | 26 |
| 107 | Simultaneous binding of coenzyme and two ligand molecules into the active site of fungal trihydroxynaphthalene reductase. <i>Chemico-Biological Interactions</i> , 2009, 178, 268-273. | 4.0 | 3 |
| 108 | New cyclopentane derivatives as inhibitors of steroid metabolizing enzymes AKR1C1 and AKR1C3. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 2563-2571. | 5.5 | 26 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Disturbed estrogen and progesterone action in ovarian endometriosis. <i>Molecular and Cellular Endocrinology</i> , 2009, 301, 59-64. | 3.2 | 94 |
| 110 | Mutations that affect coenzyme binding and dimer formation of fungal 17 β -hydroxysteroid dehydrogenase. <i>Molecular and Cellular Endocrinology</i> , 2009, 301, 47-50. | 3.2 | 3 |
| 111 | Discovery of new inhibitors of aldo-keto reductase 1C1 by structure-based virtual screening. <i>Molecular and Cellular Endocrinology</i> , 2009, 301, 245-250. | 3.2 | 12 |
| 112 | Flavonoids and cinnamic acid derivatives as inhibitors of 17 β -hydroxysteroid dehydrogenase type 1. <i>Molecular and Cellular Endocrinology</i> , 2009, 301, 229-234. | 3.2 | 48 |
| 113 | Aberrant pre-receptor regulation of estrogen and progesterone action in endometrial cancer. <i>Molecular and Cellular Endocrinology</i> , 2009, 301, 74-82. | 3.2 | 76 |
| 114 | Estrogen metabolism and action in endometriosis. <i>Molecular and Cellular Endocrinology</i> , 2009, 307, 8-18. | 3.2 | 113 |
| 115 | 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> , 2008, 16, 5881-5889. | 3.0 | 11 |
| 116 | CYP53A15 of <i>Cochliobolus lunatus</i> , a Target for Natural Antifungal Compounds. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 3480-3486. | 6.4 | 68 |
| 117 | Pre-receptor regulation of the androgen receptor. <i>Molecular and Cellular Endocrinology</i> , 2008, 281, 1-8. | 3.2 | 54 |
| 118 | Expression analysis of the genes involved in estradiol and progesterone action in human ovarian endometriosis. <i>Gynecological Endocrinology</i> , 2007, 23, 105-111. | 1.7 | 107 |
| 119 | His164 regulates accessibility to the active site in fungal 17 β -hydroxysteroid dehydrogenase. <i>Biochimie</i> , 2007, 89, 63-71. | 2.6 | 9 |
| 120 | Rational design of novel mutants of fungal 17 β -hydroxysteroid dehydrogenase. <i>Journal of Biotechnology</i> , 2007, 129, 123-130. | 3.8 | 35 |
| 121 | New inhibitors of fungal 17 β -hydroxysteroid dehydrogenase based on the [1,5]-benzodiazepine scaffold. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2007, 22, 29-36. | 5.2 | 3 |
| 122 | AKR1C1 and AKR1C3 may determine progesterone and estrogen ratios in endometrial cancer. <i>Molecular and Cellular Endocrinology</i> , 2006, 248, 126-135. | 3.2 | 139 |
| 123 | Cinnamates and cinnamamides inhibit fungal 17 β -hydroxysteroid dehydrogenase. <i>Molecular and Cellular Endocrinology</i> , 2006, 248, 239-241. | 3.2 | 19 |
| 124 | Expression analysis of estrogen-metabolizing enzymes in human endometrial cancer. <i>Molecular and Cellular Endocrinology</i> , 2006, 248, 114-117. | 3.2 | 33 |
| 125 | Cinnamic acids as new inhibitors of 17 β -hydroxysteroid dehydrogenase type 5 (AKR1C3). <i>Molecular and Cellular Endocrinology</i> , 2006, 248, 233-235. | 3.2 | 45 |
| 126 | Phytoestrogens as inhibitors of the human progesterone metabolizing enzyme AKR1C1. <i>Molecular and Cellular Endocrinology</i> , 2006, 259, 30-42. | 3.2 | 38 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Conformational stability of 17 β -hydroxysteroid dehydrogenase from the fungus <i>Cochliobolus lunatus</i> . <i>FEBS Journal</i> , 2006, 273, 3927-3937. | 4.7 | 5 |
| 128 | Flavonoids and cinnamic acid esters as inhibitors of fungal 17 β -hydroxysteroid dehydrogenase: A synthesis, QSAR and modelling study. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 7404-7418. | 3.0 | 40 |
| 129 | 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> , 2005, 15, 5170-5175. | 2.2 | 45 |
| 130 | Crystallization, X-ray diffraction analysis and phasing of 17 β -hydroxysteroid dehydrogenase from the fungus <i>Cochliobolus lunatus</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 1032-1034. | 0.7 | 11 |
| 131 | Dimerization and enzymatic activity of fungal 17 β -hydroxysteroid dehydrogenase from the short-chain dehydrogenase/reductase superfamily. <i>BMC Biochemistry</i> , 2005, 6, 28. | 4.4 | 16 |
| 132 | Coenzyme specificity in fungal 17 β -hydroxysteroid dehydrogenase. <i>Molecular and Cellular Endocrinology</i> , 2005, 241, 80-87. | 3.2 | 18 |
| 133 | Phytoestrogens as inhibitors of fungal 17 β -hydroxysteroid dehydrogenase. <i>Steroids</i> , 2005, 70, 626-635. | 1.8 | 15 |
| 134 | Phytoestrogens as inhibitors of fungal 17 β -hydroxysteroid dehydrogenase. <i>Steroids</i> , 2005, 70, 694-703. | 1.8 | 16 |
| 135 | Cinnamic acid esters as potent inhibitors of fungal 17 β -hydroxysteroid dehydrogenase—a model enzyme of the short-chain dehydrogenase/reductase superfamily. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 3933-3936. | 2.2 | 25 |
| 136 | Evidence for 1,8-dihydroxynaphthalene melanin in three halophilic black yeasts grown under saline and non-saline conditions. <i>FEMS Microbiology Letters</i> , 2004, 232, 203-209. | 1.8 | 81 |
| 137 | Structure—function of human 3 β -hydroxysteroid dehydrogenases: genes and proteins. <i>Molecular and Cellular Endocrinology</i> , 2004, 215, 63-72. | 3.2 | 127 |
| 138 | Melanin biosynthesis in the fungus <i>Curvularia lunata</i> (teleomorph: <i>Cochliobolus lunatus</i>). <i>Canadian Journal of Microbiology</i> , 2003, 49, 110-119. | 1.7 | 59 |
| 139 | Role of human type 3 3 β -hydroxysteroid dehydrogenase (AKR1C2) in androgen metabolism of prostate cancer cells. <i>Chemico-Biological Interactions</i> , 2003, 143-144, 401-409. | 4.0 | 15 |
| 140 | Significance of individual amino acid residues for coenzyme and substrate specificity of 17 β -hydroxysteroid dehydrogenase from the fungus <i>Cochliobolus lunatus</i> . <i>Chemico-Biological Interactions</i> , 2003, 143-144, 493-501. | 4.0 | 18 |
| 141 | Human Type 3 3 β -Hydroxysteroid Dehydrogenase (Aldo-Keto Reductase 1C2) and Androgen Metabolism in Prostate Cells. <i>Endocrinology</i> , 2003, 144, 2922-2932. | 2.8 | 126 |
| 142 | Searching for the physiological function of 17 β -hydroxysteroid dehydrogenase from the fungus <i>Cochliobolus lunatus</i> : studies of substrate specificity and expression analysis. <i>Molecular and Cellular Endocrinology</i> , 2001, 171, 193-198. | 3.2 | 19 |
| 143 | Expression of 17 β -hydroxysteroid dehydrogenases in mesophilic and extremophilic yeast. <i>Steroids</i> , 2001, 66, 49-54. | 1.8 | 24 |
| 144 | 17 β -hydroxysteroid dehydrogenase from the fungus <i>Cochliobolus lunatus</i> : structural and functional aspects. <i>Chemico-Biological Interactions</i> , 2001, 130-132, 793-803. | 4.0 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | 17 ^β -Hydroxysteroid Dehydrogenase from <i>Cochliobolus lunatus</i> : Model Structure and Substrate Specificity. <i>Archives of Biochemistry and Biophysics</i> , 2000, 384, 255-262. | 3.0 | 31 |
| 146 | Characterization of fungal 17 ^β -hydroxysteroid dehydrogenases. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2000, 127, 53-63. | 1.6 | 24 |
| 147 | A novel 17 ^β -hydroxysteroid dehydrogenase in the fungus <i>Cochliobolus lunatus</i> : new insights into the evolution of steroid-hormone signalling. <i>Biochemical Journal</i> , 1999, 337, 425-431. | 3.7 | 68 |
| 148 | A novel 17 ^β -hydroxysteroid dehydrogenase in the fungus <i>Cochliobolus lunatus</i> : new insights into the evolution of steroid-hormone signalling. <i>Biochemical Journal</i> , 1999, 337, 425. | 3.7 | 44 |
| 149 | Purification and characterization of 17 ^β -hydroxysteroid dehydrogenase from the filamentous fungus <i>Cochliobolus lunatus</i> . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1996, 59, 205-214. | 2.5 | 39 |
| 150 | Steroid hormone signalling system and fungi. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1995, 112, 637-642. | 1.6 | 31 |