

H Leon Bradlow

List of Publications by Citations

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128
papers

5,670
citations

39
h-index

72
g-index

135
ext. papers

5,977
ext. citations

6
avg, IF

4.93
L-index

#	Paper	IF	Citations
128	Increased 2-hydroxylation of estradiol as a possible mechanism for the anti-estrogenic effect of cigarette smoking. <i>New England Journal of Medicine</i> , 1986 , 315, 1305-9	59.2	579
127	Extraction of steroid conjugates with a neutral resin. <i>Steroids</i> , 1968 , 11, 265-72	2.8	339
126	Cortisol secretion and metabolism in anorexia nervosa. <i>New England Journal of Medicine</i> , 1977 , 296, 190-3	59.2	230
125	Low plasma androgens in women with systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 1987 , 30, 241-8		220
124	Estrogen metabolism and risk of breast cancer: a prospective study of the 2:16alpha-hydroxyestrone ratio in premenopausal and postmenopausal women. <i>Epidemiology</i> , 2000 , 11, 635-40	3.1	214
123	Alterations of estrogen metabolism in systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 1979 , 22, 1195-8		194
122	The Long Island Breast Cancer Study Project: description of a multi-institutional collaboration to identify environmental risk factors for breast cancer. <i>Breast Cancer Research and Treatment</i> , 2002 , 74, 235-54	4.4	171
121	Increased 16 alpha-hydroxylation of estradiol in systemic lupus erythematosus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1981 , 53, 174-8	5.6	169
120	Examination of genotype and phenotype relationships in 14 patients with apparent mineralocorticoid excess. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 2244-54	5.6	142
119	Thyroid-androgen interrelations and the hypocholesteremic effect of androsterone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1959 , 19, 936-48	5.6	137
118	Altered estrogen metabolism and excretion in humans following consumption of indole-3-carbinol. <i>Nutrition and Cancer</i> , 1991 , 16, 59-66	2.8	133
117	The syndrome of apparent mineralocorticoid excess: its association with 11 beta-dehydrogenase and 5 beta-reductase deficiency and some consequences for corticosteroid metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1986 , 63, 550-7	5.6	127
116	Preliminary results of the use of indole-3-carbinol for recurrent respiratory papillomatosis. <i>Otolaryngology - Head and Neck Surgery</i> , 1998 , 118, 810-5	5.5	122
115	Changes in levels of urinary estrogen metabolites after oral indole-3-carbinol treatment in humans. <i>Journal of the National Cancer Institute</i> , 1997 , 89, 718-23	9.7	117
114	Effects of obesity on estradiol metabolism: decreased formation of nonuterotropic metabolites. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1983 , 56, 973-8	5.6	107
113	Role of estradiol metabolism and CYP1A1 polymorphisms in breast cancer risk. <i>Cancer Detection and Prevention</i> , 1999 , 23, 232-7		88
112	Pilot study: effect of 3,3'-diindolylmethane supplements on urinary hormone metabolites in postmenopausal women with a history of early-stage breast cancer. <i>Nutrition and Cancer</i> , 2004 , 50, 161-7	7.8	76

111	Oxidative Metabolism of Estradiol. <i>Journal of Biological Chemistry</i> , 1960 , 235, 3104-3107	5.4	75
110	Increased oxidation of testosterone in systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 1983 , 26, 1517-21		74
109	The interaction between HPV infection and estrogen metabolism in cervical carcinogenesis. <i>International Journal of Cancer</i> , 1991 , 49, 867-9	7.5	73
108	Multifunctional aspects of the action of indole-3-carbinol as an antitumor agent. <i>Annals of the New York Academy of Sciences</i> , 1999 , 889, 204-13	6.5	61
107	Renal capture and oxidation of cortisol in man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1971 , 33, 52-62	5.6	60
106	Urinary estrogen metabolites and breast cancer: differential pattern of risk found with pre- versus post-treatment collection. <i>Steroids</i> , 2003 , 68, 65-72	2.8	58
105	Sex difference in the metabolism of dehydroisoandrosterone sulfate. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1980 , 51, 334-6	5.6	57
104	Inhibition of proliferation and modulation of estradiol metabolism: novel mechanisms for breast cancer prevention by the phytochemical indole-3-carbinol. <i>Experimental Biology and Medicine</i> , 1997 , 216, 246-52	3.7	54
103	Purification of corticosteroid-binding globulin from human plasma by affinity chromatography. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1971 , 33, 193-8	5.6	53
102	Review. Indole-3-carbinol as a chemoprotective agent in breast and prostate cancer. <i>In Vivo</i> , 2008 , 22, 441-5	2.3	53
101	Estrogen metabolism and breast cancer. <i>Epidemiology</i> , 2006 , 17, 80-8	3.1	52
100	Indole-3-carbinol. A novel approach to breast cancer prevention. <i>Annals of the New York Academy of Sciences</i> , 1995 , 768, 180-200	6.5	51
99	Experimental down-regulation of intermediate biomarkers of carcinogenesis in mouse mammary epithelial cells. <i>Breast Cancer Research and Treatment</i> , 1993 , 27, 193-202	4.4	50
98	Isolation and identification of four new carboxylic acid metabolites of cortisol in man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1973 , 37, 811-8	5.6	49
97	Cortisol metabolism in cirrhosis. <i>Journal of Clinical Investigation</i> , 1967 , 46, 1735-43	15.9	49
96	Studies in porphyria. I. A defect in the reductive transformation of natural steroid hormones in the hereditary liver disease, acute intermittent porphyria. <i>Journal of Experimental Medicine</i> , 1972 , 136, 1043-53	16.6	47
95	Omega-3 Fatty Acids: Modulation of Estrogen Metabolism and Potential for Breast Cancer Prevention. <i>Cancer Investigation</i> , 1988 , 6, 629-631	2.1	46
94	Alterations in estradiol metabolism in MCF-7 cells induced by treatment with indole-3-carbinol and related compounds. <i>Steroids</i> , 1994 , 59, 523-7	2.8	45

93	Coordinated expression of intermediate biomarkers for tumorigenic transformation in RAS-transfected mouse mammary epithelial cells. <i>Breast Cancer Research and Treatment</i> , 1991 , 18, 155-63 ⁴	4.4	44
92	Accumulation of hormones in breast cyst fluid. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1979 , 49, 778-82	5.6	42
91	Treatment of recurrent respiratory papillomatosis with indole-3-carbinol. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 1997 , 18, 283-5	2.8	40
90	Effect of malnutrition on the metabolism of sex hormones in man. <i>Clinical Pharmacology and Therapeutics</i> , 1977 , 22, 721-8	6.1	40
89	Decreased conversion of androgens to normal 17-ketosteroid metabolites: a nonspecific consequence of illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1971 , 32, 824-32	5.6	37
88	Studies in porphyria. II. Evidence for a deficiency of steroid delta-4-5-alpha-reductase activity in acute intermittent porphyria. <i>Journal of Experimental Medicine</i> , 1973 , 138, 754-63	16.6	37
87	Estrogen metabolism and the malignant potential of human papillomavirus immortalized keratinocytes. <i>Experimental Biology and Medicine</i> , 1998 , 217, 322-6	3.7	36
86	Estrogen hydroxylation--the good and the bad. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1155, 57-67	6.5	35
85	Quantitative determination of 3,3SDiindolylmethane in urine of individuals receiving indole-3-carbinol. <i>Nutrition and Cancer</i> , 2001 , 41, 57-63	2.8	34
84	In vitro biotransformation of estradiol by explant cultures of murine mammary tissues. <i>Breast Cancer Research and Treatment</i> , 1989 , 13, 173-81	4.4	34
83	3,3SDiindolylmethane modulates estrogen metabolism in patients with thyroid proliferative disease: a pilot study. <i>Thyroid</i> , 2011 , 21, 299-304	6.2	33
82	Lycium barbarum inhibits growth of estrogen receptor positive human breast cancer cells by favorably altering estradiol metabolism. <i>Nutrition and Cancer</i> , 2009 , 61, 408-14	2.8	33
81	Quantifying Estrogen Metabolism: An Evaluation of the Reproducibility and Validity of Enzyme Immunoassays for 2-Hydroxyestrone and 16 α -Hydroxyestrone in Urine. <i>Environmental Health Perspectives</i> , 1997 , 105, 607	8.4	32
80	Effects of o,pSDDD on cortisol and 6-beta-hydroxycortisol secretion and metabolism in man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1971 , 32, 192-200	5.6	32
79	Obesity and the gut microbiome: pathophysiological aspects. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2014 , 17, 53-61	1.3	30
78	Physical activity, body size, and estrogen metabolism in women. <i>Cancer Causes and Control</i> , 2004 , 15, 473-81	2.8	30
77	Dietary and pharmacological control of estradiol metabolism in humans. <i>Annals of the New York Academy of Sciences</i> , 1990 , 595, 291-9	6.5	30
76	3,3SDiindolylmethane and genistein decrease the adverse effects of estrogen in LNCaP and PC-3 prostate cancer cells. <i>Journal of Nutrition</i> , 2008 , 138, 2379-85	4.1	28

75	Polychlorinated biphenyl exposure, diabetes and endogenous hormones: a cross-sectional study in men previously employed at a capacitor manufacturing plant. <i>Environmental Health</i> , 2012 , 11, 57	6	27
74	Associations of polychlorinated biphenyl exposure and endogenous hormones with diabetes in post-menopausal women previously employed at a capacitor manufacturing plant. <i>Environmental Research</i> , 2011 , 111, 817-24	7.9	27
73	Phytochemicals as modulators of cancer risk. <i>Advances in Experimental Medicine and Biology</i> , 1999 , 472, 207-21	3.6	27
72	Hypothyroid-like alterations in testosterone metabolism in anorexia nervosa. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1976 , 43, 571-4	5.6	26
71	Diet and breast cancer. <i>Annals of the New York Academy of Sciences</i> , 2002 , 963, 247-67	6.5	25
70	Plasma steroid-binding proteins in the cysts of gross cystic disease of the breast. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1985 , 61, 200-3	5.6	25
69	Differential effects of estradiol and 16 alpha-hydroxyestrone on pituitary and preoptic estrogen receptor regulation. <i>Endocrinology</i> , 1989 , 125, 2701-9	4.8	24
68	METABOLISM OF 11 β -HYDROXY- Δ -ANDROSTENE-3, 17-DIONE IN MAN. <i>Journal of Biological Chemistry</i> , 1957 , 229, 505-518	5.4	24
67	Diindolylmethane inhibits cervical dysplasia, alters estrogen metabolism, and enhances immune response in the K14-HPV16 transgenic mouse model. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009 , 18, 2957-64	4	23
66	The effects of thyroid hormones on the metabolism of steroids. <i>Annals of the New York Academy of Sciences</i> , 1960 , 86, 605-11	6.5	23
65	Induction and inhibition of estradiol hydroxylase activities in MCF-7 human breast cancer cells in culture. <i>Steroids</i> , 1990 , 55, 297-302	2.8	23
64	Determination of 16 alpha-hydroxyestrone by radioimmunoassay in systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 1985 , 28, 1122-7		23
63	A common CYP1B1 polymorphism is associated with 2-OHE1/16-OHE1 urinary estrone ratio. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005 , 43, 702-6	5.9	22
62	The influence of age and sex on the metabolism of testosterone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1976 , 42, 703-6	5.6	21
61	On cortisol production rate. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1968 , 28, 1618-22	5.6	20
60	Metabolism of estradiol fatty acid esters in man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1985 , 61, 1071-5	5.6	18
59	Metabolism of 11 beta-hydroxy-delta 4-androstene-3,17-dione: effect of thyroid hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1966 , 26, 949-54	5.6	18
58	Variants in estrogen metabolism and biosynthesis genes and urinary estrogen metabolites in women with a family history of breast cancer. <i>Breast Cancer Research and Treatment</i> , 2007 , 102, 111-7	4.4	17

57	Immunological properties of dehydroepiandrosterone, its conjugates, and metabolites. <i>Annals of the New York Academy of Sciences</i> , 1999 , 876, 91-101	6.5	17
56	Molecular and endocrine biomarkers in non-involved breast: relevance to cancer chemoprevention. <i>Journal of Cellular Biochemistry</i> , 1992 , 16G, 161-9	4.7	17
55	Biochemical classification of patients with gross cystic breast disease. <i>Annals of the New York Academy of Sciences</i> , 1990 , 586, 12-6	6.5	17
54	Differential hydroxylations of estrone and estradiol in man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1986 , 62, 170-3	5.6	17
53	On the occurrence and transport of estriol-3-sulfate in human breast cyst fluid: the metabolic disposition of blood estriol-3-sulfate in normal women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1981 , 53, 847-51	5.6	17
52	Drug-induced alterations of steroid hormone metabolism in man. <i>Annals of the New York Academy of Sciences</i> , 1973 , 212, 148-55	6.5	17
51	Comparison of plasma and urinary levels of 2-hydroxyestrogen and 16 alpha-hydroxyestrogen metabolites. <i>Molecular Genetics and Metabolism</i> , 2006 , 87, 135-46	3.7	16
50	Abnormal steroid hormone metabolism in the genetic liver disease acute intermittent porphyria. <i>Annals of the New York Academy of Sciences</i> , 1971 , 179, 611-24	6.5	16
49	Comparative efficacy of extracts from <i>Lycium barbarum</i> bark and fruit on estrogen receptor positive human mammary carcinoma MCF-7 cells. <i>Nutrition and Cancer</i> , 2014 , 66, 278-84	2.8	15
48	C-21 oxidation of cortisol in man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1973 , 37, 805-10	5.6	15
47	Criteria for classifying breast cyst fluids. <i>Annals of the New York Academy of Sciences</i> , 1990 , 586, 49-52	6.5	14
46	Metabolic biotransformation of estradiol in human mammary explant cultures. <i>Annals of the New York Academy of Sciences</i> , 1990 , 586, 70-8	6.5	14
45	Re: CYP17 promoter polymorphism and breast cancer in Australian women under age forty years. <i>Journal of the National Cancer Institute</i> , 2001 , 93, 554-5	9.7	13
44	Estrogen metabolism as a risk factor for head and neck cancer. <i>Otolaryngology - Head and Neck Surgery</i> , 2001 , 124, 241-7	5.5	13
43	Corticosteroids: explorations at the frontier of corticosteroid metabolism. <i>Endocrine Reviews</i> , 1980 , 36, 345-400		13
42	Origin of pregnanetriol in a patient with adrenal carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1962 , 22, 765-72	5.6	13
41	Avoidable causes of breast cancer: the known, unknown, and the suspected. <i>Annals of the New York Academy of Sciences</i> , 1997 , 833, 112-28	6.5	12
40	Radioimmunoassay of 16 alpha-hydroxyestrone in human urine. <i>Steroids</i> , 1989 , 53, 37-48	2.8	11

39	17-Deoxygenation: a new pathway of cortisol metabolism. Isolation of 17-deoxycortolonic acids. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1976 , 43, 696-9	5.6	11
38	Effects of Pesticides on the Ratio of 16a/2-Hydroxyestrone: A Biologic Marker of Breast Cancer Risk. <i>Environmental Health Perspectives</i> , 1995 , 103, 147	8.4	10
37	Digoxinlike materials in human breast cyst fluids. <i>Annals of the New York Academy of Sciences</i> , 1990 , 586, 107-16	6.5	10
36	Triamcinolone acetonide 21-oic acid methyl ester: a potent local antiinflammatory steroid without detectable systemic effects. <i>Endocrinology</i> , 1985 , 116, 263-73	4.8	10
35	The nutritional herb inhibits the growth in a model for the Luminal A molecular subtype of breast cancer. <i>Oncology Letters</i> , 2017 , 13, 2477-2482	2.6	9
34	Steroids as procarcinogenic agents. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1028, 216-32	6.5	9
33	DHEA-PC slows the progression of type 2 diabetes (non-insulin-dependent diabetes mellitus) in the ZDF/Gmi-fa/fa rat. <i>Diabetes Technology and Therapeutics</i> , 2001 , 3, 211-9	8.1	9
32	Isolation and purification of corticosteroid-binding globulin from human plasma by affinity chromatography. <i>Methods in Enzymology</i> , 1975 , 36, 104-9	1.7	9
31	Further studies of cortisol production rate. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1969 , 29, 1042-5	5.6	9
30	Increase in the tetrahydrocortisol-tetrahydrocortisone ratio from cortisol-4-14C: a nonspecific consequence of illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1974 , 39, 1120-4	5.6	9
29	Cyst fluid proteases. <i>Annals of the New York Academy of Sciences</i> , 1990 , 586, 198-203	6.5	8
28	Cortisol metabolism in total extrahepatic biliary obstruction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1971 , 32, 36-41	5.6	8
27	Genotoxic damage and aberrant proliferation in mouse mammary epithelial cells. <i>Endocrine Reviews</i> , 1993 , 48, 481-8		8
26	Results from a dose-response study using 3,3-diindolylmethane in the K14-HPV16 transgenic mouse model: cervical histology. <i>Cancer Prevention Research</i> , 2011 , 4, 890-6	3.2	6
25	Estriol-3-sulfate in human breast cyst fluid. Concentrations, possible origin, and physiologic implications. <i>Annals of the New York Academy of Sciences</i> , 1990 , 586, 83-7	6.5	6
24	Studies in the biotransformation of cortisol to the cortic acids in man. II. The central role of tetrahydrocortisol and tetrahydrocortisone as intermediates. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1977 , 44, 647-50	5.6	6
23	The effect of oral 3,3-diindolylmethane supplementation on the 2:16 β DHE ratio in BRCA1 mutation carriers. <i>Familial Cancer</i> , 2015 , 14, 281-6	3	5
22	Re: Estrogen metabolism and excretion in Oriental and Caucasian women. <i>Journal of the National Cancer Institute</i> , 1994 , 86, 1643-5	9.7	5

21	Glucocorticoid effects on contact hypersensitivity and on the cutaneous response to ultraviolet light in the mouse. <i>Journal of Investigative Dermatology</i> , 1988 , 90, 366-71	4.3	5
20	Quantitative Determination of 3,3?-Diindolylmethane in Urine of Individuals Receiving Indole-3-Carbinol. <i>Nutrition and Cancer</i> , 2001 , 41, 57-63	2.8	5
19	Biotransformations of the C-20-dihydro metabolites of cortisol in man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1972 , 34, 997-1002	5.6	4
18	Abrogation of Estrogen-Mediated Cellular and Biochemical Effects by Indole-3-Carbinol. <i>Nutrition and Cancer</i> , 2001 , 41, 180-187	2.8	4
17	The Hydrolysis of Steroid Conjugates 1970 , 131-181		4
16	A new approach to the prevention of breast cancer. <i>Proceedings of the Royal Society of Edinburgh Section B Biological Sciences</i> , 1989 , 95, 77-86		3
15	Negative growth regulation of oncogene-transformed mammary epithelial cells by tumor inhibitors. <i>Advances in Experimental Medicine and Biology</i> , 1997 , 400A, 409-18	3.6	3
14	Clues to understanding the oxidation of estradiol in humans: effects of acute infectious hepatitis, autoimmune hepatitis, and chronic liver disease. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1155, 242-51	6.5	2
13	Medical Hypothesis: Bifunctional Genetic-Hormonal Pathways to Breast Cancer. <i>Environmental Health Perspectives</i> , 1997 , 105, 571	8.4	2
12	Dietary Cytochrome P-450 Modifiers in the Control of Estrogen Metabolism. <i>ACS Symposium Series</i> , 1993 , 282-293	0.4	2
11	Metabolism of cortisol-21 glucosiduronate in man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1978 , 47, 834-6	5.6	2
10	Cortisol metabolism in the morning and evening; relation to cortisol secretion rate measurements. <i>Steroids</i> , 1970 , 16, 603-10	2.8	2
9	Metabolism of cortic acids in man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1982 , 54, 296-9	5.6	1
8	The effect of 7beta, 17alpha-dimethyltestosterone (calusteron) on testosterone metabolism in women with advanced breast cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1977 , 44, 1203-5	5.6	1
7	DIET AND BREAST CANCER 2005 , 270-274		
6	Validation of the use of C-2/C-16 Estrogen metabolites as markers for the action of chemopreventive agents in the prevention of breast cancer. <i>Journal of Cellular Biochemistry</i> , 1993 , 53, 249-249	4.7	
5	Estradiol metabolism: An endocrine biomarker for chemoprevention of human mammary carcinogenesis. <i>Journal of Cellular Biochemistry</i> , 1993 , 53, 256-256	4.7	
4	Isolation of cortisol metabolites. <i>Methods in Enzymology</i> , 1975 , 36, 499-503	1.7	

- 3 Modulation of Estrogen Metabolism by Inducers of P-4501A2: Possible Application to the Chemoprevention of Breast Cancer **1992**, 254-258
- 2 Induction of Catechol Estrogen Formation by Indole-3-Carbinol **1992**, 296-299
- 1 Avoidable Environmental Links to Breast Cancer **1995**, 231-235