Arie Bar

List of Publications by Year
in descending order

40 papers	1,184 citations	304743 22 h-index	377865 34 g-index
40 all docs	40 docs citations	40 times ranked	411 citing authors

#	Article	IF	Citations
1	Differential Regulation of Calbindin in the Calcium-Transporting Organs of Birds with High Calcium Requirements. Journal of Poultry Science, 2009, 46, 267-285.	1.6	25
2	Calcium transport in strongly calcifying laying birds: Mechanisms and regulation. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 152, 447-469.	1.8	118
3	Calcium homeostasis and vitamin D metabolism and expression in strongly calcifying laying birds. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 151, 477-490.	1.8	59
4	Intestinal and eggshell calbindin, and bone ash of laying hens as influenced by age and molting. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2003, 136, 673-682.	1.8	26
5	Metabolism and requirements for calcium and phosphorus in the fast-growing chicken as affected by age. British Journal of Nutrition, 2003, 89, 51-60.	2.3	57
6	Regulation of Osteopontin Gene Expression During Egg Shell Formation in the Laying Hen by Mechanical Strain. Matrix Biology, 1998, 17, 615-623.	3.6	55
7	Egg Shell Quality and Cholecalciferol Metabolism in Aged Laying Hens. Journal of Nutrition, 1988, 118, 1018-1023.	2.9	23
8	Field Rickets in Turkeys: Relationship to Vitamin D. Poultry Science, 1987, 66, 68-72.	3.4	13
9	Vitamin D Metabolism and Calbindin (Calcium-Binding Protein) in Aged Laying Hens. Journal of Nutrition, 1987, 117, 1775-1779.	2.9	43
10	Regulation of kidney calcium-binding protein in the bird (Callus domesticus). Comparative Biochemistry and Physiology A, Comparative Physiology, 1986, 83, 277-281.	0.6	22
11	Egg Shell Quality, Medullary Bone Ash, Intestinal Calcium and Phosphorus Absorption, and Calcium-Binding Protein in Phosphorus-Deficient Hens. Poultry Science, 1984, 63, 1975-1979.	3.4	36
12	The lack of relationships between vitamin D3 metabolites and calcium-binding protein in the eggshell gland of laying birds. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1984, 78, 75-79.	0.2	20
13	Induced changes in the affinity of 1,25-dihydroxyvitamin D3receptors in chick intestine. FEBS Letters, 1983, 163, 261-264.	2.8	4
14	Cholecalciferol Requirements of Young Turkeys under Normal Conditions and during Recovery from Rickets. Journal of Nutrition, 1982, 112, 1779-1786.	2.9	10
15	Evidence for a direct effect of parathyroid on the metabolism of 25-hydroxycholecalciferol by chick kidney cells in vitro. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1981, 68, 401-405.	0.2	2
16	Relationships between Cholecalciferol Metabolism and Growth in Chicks as Modified by Age, Breed and Diet. Journal of Nutrition, 1981, 111, 399-404.	2.9	17
17	Studies on the Mode of Action of Calciferol. XXXIV. Relationship of the Distribution of 25-Hydroxyvitamin D₃Metabolites to Gonadal Activity and Egg Shell Formation in the Quail*. Endocrinology, 1981, 109, 950-955.	2.8	20
18	Absorption and Excretion of Cholecalciferol and of 25-Hydroxycholecalciferol and Metabolites in Birds. Journal of Nutrition, 1980, 110, 1930-1934.	2.9	64

#	Article	IF	Citations
19	The 25-hydroxycholecalciferol-1-hydoxylase activity of chick kidney cells: direct effect of parathyroid. FEBS Letters, 1980, 113, 328-330.	2.8	12
20	The Interaction between Dietary Calcium and Gonadal Hormones in Their Effect on Plasma Calcium, Bone, 25-Hydroxycholecalciferol-1-Hydroxylase, and Duodenal Calcium-Binding Protein, Measured by a Radio-Immunoassay in Chicks1*. Endocrinology, 1979, 104, 1455-1460.	2.8	84
21	Involvement of cholecalciferol metabolism in birds in the adaptation of calcium absorption to the needs during reproduction. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1978, 59, 245-249.	0.2	19
22	Calcium Absorption, Calcium-Binding Protein, and Egg Shell Quality in Laying Hens Fed Hydroxylated Vitamin D Derivatives. Poultry Science, 1978, 57, 1646-1651.	3.4	16
23	Calcium-Binding Protein and Kidney 25-hydroxycholecalciferol-1-hydroxylase Activity in Turkey Poults. Journal of Nutrition, 1978, 108, 1501-1507.	2.9	20
24	Differential Response of Calcium Transport Systems in Laying Hens to Exogenous and Endogenous Changes in Vitamin D Status. Journal of Nutrition, 1978, 108, 1322-1328.	2.9	33
25	The response of 25-hydroxycholecalciferol-1-hydroxylase activity, intestinal calcium absorption, and calcium-binding protein to phosphate deficiency in chicks. Comparative Biochemistry and Physiology A, Comparative Physiology, 1977, 57, 331-334.	0.6	31
26	The role of 25-hydroxycholecalciferol-1-hydroxylase in the responses of calcium absorption to the reproductive activity in birds. Comparative Biochemistry and Physiology A, Comparative Physiology, 1977, 57, 335-339.	0.6	35
27	Regulation of Intestinal Calcium Absorption in the Laying Quail: Independent of Kidney Vitamin D Hydroxylation. Journal of Nutrition, 1976, 106, 1336-1342.	2.9	18
28	The functional metabolism of vitamin D in chicks fed low-calcium and low-phosphorus diets. Biochimica Et Biophysica Acta - General Subjects, 1975, 385, 438-442.	2.4	63
29	Duodenal Calcium Binding Protein in the Chick: A New Bioassay for Vitamin D. Journal of Nutrition, 1974, 104, 1202-1207.	2.9	22
30	Bone ash, duodenal 45Ca absorption and calcium-binding protein in chicks fed lathyrogens. Comparative Biochemistry and Physiology A, Comparative Physiology, 1974, 47, 1257-1263.	0.6	5
31	Uterine calcium-binding protein in the laying fowl. Comparative Biochemistry and Physiology A, Comparative Physiology, 1973, 45, 579-586.	0.6	44
32	Calcium restriction and intestinal calcium-binding protein in the laying fowl. Comparative Biochemistry and Physiology A, Comparative Physiology, 1973, 45, 571-577.	0.6	12
33	Bone Ash and Duodenal Calcium-Binding Protein in Chicks Treated with EHDP ,. Poultry Science, 1973, 52, 2338-2339.	3.4	5
34	Relationship of duodenal calcium-binding protein to calcium absorption in the laying fowl. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1972, 41, 735-744.	0.2	9
35	In vitro calcium transport in laying fowl intestine: Effect of bile preparations. Comparative Biochemistry and Physiology A, Comparative Physiology, 1972, 41, 383-389.	0.6	5
36	Calcium and Phosphorus Interrelationships in the Intestine of the Fowl. Journal of Nutrition, 1971, 101, 677-685.	2.9	56

#	Article	IF	Citations
37	The Effect of Pre-Laying Mineral Nutrition on the Development, Performance and Mineral Metabolism of Pullets ,. Poultry Science, 1971, 50, 1044-1055.	3.4	31
38	Relation between the Lumen-Blood Electrochemical Potential Difference of Calcium, Calcium Absorption and Calcium-binding Protein in the Intestine of the Fowl. Journal of Nutrition, 1969, 99, 217-224.	2.9	22
39	In Vitro Calcium Transport in Laying Fowl Intestine: Characterization of the System and Medium Composition. Poultry Science, 1969, 48, 1105-1113.	3.4	4
40	Calcium Metabolism of Hens Secreting Heavy or Light Egg Shells. Poultry Science, 1967, 46, 1522-1527.	3.4	24