

R S Gates

List of Publications by Year in descending order

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16
papers

876
citations

759233

12
h-index

940533

16
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16
all docs

16
docs citations

16
times ranked

429
citing authors

#	ARTICLE	IF	CITATIONS
1	AMMONIA EMISSIONS FROM U.S. LAYING HEN HOUSES IN IOWA AND PENNSYLVANIA. Transactions of the American Society of Agricultural Engineers, 2005, 48, 1927-1941.	0.9	135
2	FAN ASSESSMENT NUMERATION SYSTEM (FANS) DESIGN AND CALIBRATION SPECIFICATIONS. Transactions of the American Society of Agricultural Engineers, 2004, 47, 1709-1715.	0.9	132
3	Environmental impacts and sustainability of egg production systems. Poultry Science, 2011, 90, 263-277.	3.4	126
4	The effect of dietary crude protein on growth, ammonia concentration, and litter composition in broilers. Poultry Science, 1998, 77, 1481-1487.	3.4	113
5	The effect of dietary protein and phosphorus on ammonia concentration and litter composition in broilers. Poultry Science, 1998, 77, 1085-1093.	3.4	95
6	Ammonia Emissions from Twelve U.S. Broiler Chicken Houses. Transactions of the ASABE, 2006, 49, 1495-1512.	1.1	80
7	COMPARISON OF DIRECT VS. INDIRECT VENTILATION RATE DETERMINATIONS IN LAYER BARNS USING MANURE BELTS. Transactions of the American Society of Agricultural Engineers, 2005, 48, 367-372.	0.9	51
8	Use of CO2 Concentration Difference or CO2 Balance to Assess Ventilation Rate of Broiler Houses. Transactions of the ASABE, 2009, 52, 1353-1361.	1.1	38
9	Minimum Ventilation for Modern Broiler Facilities. Transactions of the American Society of Agricultural Engineers, 1996, 39, 1135-1144.	0.9	22
10	Productive performance and surface temperatures of Japanese quail exposed to different environment conditions at start of lay. Poultry Science, 2019, 98, 2830-2839.	3.4	17
11	Ammonia Emissions from Two Empty Broiler Houses with Built-Up Litter. Transactions of the ASABE, 2008, 51, 219-225.	1.1	16
12	Building Emissions Uncertainty Estimates. Transactions of the ASABE, 2009, 52, 1345-1351.	1.1	16
13	OPTIMIZATION OF PARTIAL SURFACE WETTING TO COOL CAGED LAYING HENS. Transactions of the American Society of Agricultural Engineers, 2002, 45, .	0.9	12
14	Air temperature, carbon dioxide, and ammonia assessment inside a commercial cage layer barn with manure-drying tunnels. Poultry Science, 2020, 99, 3885-3896.	3.4	10
15	EFFECTS OF MEASUREMENT INTERVALS ON ESTIMATION OF AMMONIA EMISSIONS FROM LAYER HOUSES. Transactions of the ASABE, 2006, 49, 183-186.	1.1	8
16	Effects of carbon dioxide on turkey poult performance and behavior. Poultry Science, 2018, 97, 2768-2774.	3.4	5