

# Steady State Studies of Nitrification in Soil: Theoretical

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Nitrification in soil as a function of time. Folia Microbiologica, 1972, 17, 112-116.	2.3	2
2	Studies on the persistence of the organotin fungicide fentin acetate (triphenyltin acetate) in the soil and on surfaces exposed to light. Pest Management Science, 1973, 4, 305-317.	0.4	65
3	Dynamics of nitrification in a continuous flow system. Soil Biology and Biochemistry, 1973, 5, 531-543.	8.8	27
4	Nonsteady state studies of nitrification in soil: Theoretical considerations. Soil Biology and Biochemistry, 1973, 5, 545-557.	8.8	20
5	Soil water. Reviews of Geophysics, 1975, 13, 451-454.	23.0	1
6	Effect of hydrodynamic dispersion on phosphatase reactions in a soil column. Soil Biology and Biochemistry, 1975, 7, 223-225.	8.8	2
7	Optimal groundwater quality management: Well injection of waste waters. Water Resources Research, 1976, 12, 47-53.	4.2	45
8	OPTIMAL MANAGEMENT OF THE SUBSURFACE ENVIRONMENT / L'aménagement optimal de l'environnement souterrain. Hydrological Sciences Bulletin Des Sciences Hydrologiques, 1976, 21, 333-344.	0.2	8
9	Models of Microbial Interactions in the Soil. CRC Critical Reviews in Microbiology, 1976, 4, 463-498.	4.8	48
10	COMPUTER SIMULATION MODELING FOR NITROGEN IN IRRIGATED CROPLANDS. , 1978, , 79-130.		10
11	Population Dynamics of the Nitrifying Bacterium Nitrosolobus in Soil. Journal of Applied Ecology, 1979, 16, 529.	4.0	8
12	Nitrification reactions in a column of soil with a flowing nutrient solution. Folia Microbiologica, 1980, 25, 86-89.	2.3	1
13	Pollutant Movement and Transformation in Soils. , 1980, , 623-656.		0
14	Mathematical model for microbial degradation of pesticides in the soil. Soil Biology and Biochemistry, 1982, 14, 107-115.	8.8	30
15	Nitrogen transformations and loss in flooded soils and sediments. C R C Critical Reviews in Environmental Control, 1984, 13, 273-309.	1.0	363
16	Numerical Analysis of Contaminant Transport in Groundwater with Microbial Reaction: Development of a Structured Model. The Journal of the Japanese Association of Groundwater Hydrology, 1986, 28, 89-102.	0.0	1
17	Assay of urease activity in soil columns. Soil Biology and Biochemistry, 1988, 20, 567-572.	8.8	6
18	Acid deposition, summer drought and enhanced production of nitrate in forest soils; risk cofactors relative to forest decline. an additional hypothesis concerning the synergistical effects: The nitrous acid hypothesis. Environmental Technology Letters, 1989, 10, 681-686.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Simultane Bestimmung von N-Transformationsraten in Bodensäulen unter Verwendung von $^{15}\text{N}$ : Stickstoffmodell für eine Terra fusca-Rendzina. Zeitschrift Für Pflanzenernahrung Und Bodenkunde = Journal of Plant Nutrition and Plant Science, 1991, 154, 205-210.	0.4	9
20	Some Aspects of Enzyme Reactions in Heterogeneous Systems. Advances in Enzymology and Related Areas of Molecular Biology, 2006, 33, 245-308.	1.3	58
21	Attachment of microorganisms in a packed column: Metabolite diffusion through the microbial film as a limiting factor. Journal of Applied Chemistry and Biotechnology, 1973, 23, 847-853.	0.0	13
22	Nitrogen mineralization from broiler litter applied to southeastern Coastal Plain soils. Journal of Soils and Water Conservation, 2008, 63, 182-192.	1.6	13
23	An assessment of the nitrate leaching risk for different buffer strip establishments. Bioscience Horizons, 2011, 4, 79-89.	0.6	3
24	Nitrogen Transport Processes in Soil. Agronomy, 0, , 423-448.	0.2	7
25	Isothermal Flow of Nonhomogeneous Aqueous Solutions. , 2015, , 121-154.		0
26	Assessing Nitrogen Movement in the Field. SSSA Special Publication Series, 2015, , 79-92.	0.2	0
27	Brachiaria species influence nitrate transport in soil by modifying soil structure with their root system. Scientific Reports, 2020, 10, 5072.	3.3	53
28	Modeling Transformations of Soil Organic Carbon and Nitrogen at Differing Scales of Complexity. , 2001, , .		4
29	Carbon and Nitrogen Dynamics in Upland Soils. , 2001, , .		16
30	Modelo numérico do transporte de nitrogênio no solo. Parte I: Desenvolvimento e teste do modelo. Revista Brasileira De Engenharia Agrícola E Ambiental, 2008, 12, 47-53.	1.1	2
31	Evaluation of Nitrogen Mineralization Dynamics Following Amendments Application under Cropping Systems on a Ferric Acrisol in Ghana. International Journal of Environmental Science and Development, 0, , 133-137.	0.6	3