Most Influential Publications in Ecology, Applied Ecology, and Population Genetics:

**Predation Theory**


**Applied Ecology and Risk Analysis**


**Maternal Effect – Intertial Growth**


**Population Genetics**


Ideas developed in the above publications are by now parts of standard texts:

- **Ecology**

- **Conservation Biology**

- **Population Genetics**
Papers Published While at Stony Brook University (1977 – present):

Colyvan, M., Damuth, J. and Ginzburg, L. R. 2013, Do ecological laws have jurisdiction over other planets. American Scientist (submitted).


Ginzburg, L.R., Akçakaya, H.R., Slice, D. and Slobodkin, L.B. 1988. *Balanced growth rates vs. balanced accelerations as causes of ecological equilibria*. Pages 165-175 in:


**Papers in Risk Analysis**


Georgia. R. Muhannah et al. (eds.).


Papers Published in Russian (1968-1976)

**Papers on the Dynamics of Sexual, Genetic, and Age Structure of Populations**


Ginzburg, L.R. and Poluektov, R.A. 1969. Mathematical models of the age structure dynamics of


Papers on the Dynamics of Ecosystem Including Several Interacting Population


Ginzburg, L.R., R.A. Poluektov, and I.A. Shvytov. 1975. Elements of the Dynamical Theory of the Biological Community. Gidrometeoizdat, Leningrad. 300 pp. (This monograph summarizes research in the field of mathematical simulation of interactions of several
populations. Chapters 1, 2, 3, and 4 are authored by Ginzburg).


**General Papers**


**Papers on Radioecology**


**Other Papers**


Applied Papers Related to the Problems of Control and Exploitation of Biological Populations and Ecosystems


