

CENTRO DE CIÊNCIA HUMANAS, SOCIAIS E AGRÁRIAS

Estudo Técnico Preliminar 30/2025**1. Informações Básicas**

Número do processo: 23074.124908/2025-35

2. Descrição da necessidade

Pretende-se a contratação do Professor Miguel A. Altieri para ministrar uma aula on-line vinculada à execução das atividades previstas no projeto aprovado no EDITAL nº 53/2023 SECTIES/FAPESQ-PB – Apoio à Organização e Realização de Eventos Científicos, Tecnológicos e de Inovação, destinado a fortalecer atividades de formação acadêmica e científica no âmbito do Programa de Pós-Graduação em Agroecologia do CCHSA/UFPB (PPGCAG).

O Professor Miguel A. Altieri é amplamente reconhecido como um dos maiores expoentes mundiais da Agroecologia, sendo inclusive referido na literatura técnico-científica como “o pai da agroecologia moderna”.

Entre seus principais atributos: Ph.D. pela University of Chile; professor de Agroecologia na University of California – Berkeley desde 1981; autor de obras fundamentais na área e pesquisador pioneiro em sistemas agrícolas sustentáveis.

- ALTIERI, Miguel Angel ; C.I. Nicholls . Designing and implementing a habitat management strategy to enhance biological pest control in agroecosystems. *Biodynamics*, v. 256, p. 26-38, 2005.

Mais publicações acadêmicas que configuram o notório saber do professor em comento encontram-se no Anexo I deste ETP.

A aula possui natureza intelectual e científica, envolvendo conteúdo autoral cuja qualidade depende diretamente da experiência do pesquisador. A contribuição única do professor e a ausência de profissionais equivalentes tornam inviável qualquer competição, caracterizando a inexigibilidade de licitação conforme alude o art. 74, III, f, da Lei 14.133 /2021.

A participação do professor fortalece a formação científica do PPGCAG, eleva o padrão acadêmico do projeto e cumpre integralmente os objetivos do Edital nº 53/2023 SECTIES/FAPESQ-PB.

3. Área requisitante

Área Requisitante	Responsável
PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS AGRÁRIAS (AGROECOLOGIA)	BELISIA LUCIA MOREIRA TOSCANO DINIZ

4. Descrição dos Requisitos da Contratação

- A contratação é de profissional com larga experiência na ciência da Agroecologia, sendo ele **Professor da Universidade da Califórnia - Berkeley - EUA, desde 1981, detendo notória especialização e experiência comprovada** na área temática do evento científico, sendo essa qualificação essencial para atender ao escopo e à relevância do projeto aprovado;

- O serviço deve ser prestado na modalidade de **aula/palestra online** (remota), em data e horário previamente acordados, visando à economicidade e a adequação ao formato do evento;
- O conteúdo deve ser entregue no idioma nativo do palestrante ou em outro universalmente aceito, com a **duração** a ser definida na programação;
- A **entrega** do serviço será atestada mediante a comprovação da realização efetiva da aula online.
- Após a apresentação do docente, na aula on-line, o Fiscal de Contrato avaliará a prestação do serviço, atestando o *Invoice*, apresentado pelo docente, prosseguindo com a execução contratual até a fase de pagamento.

5. Levantamento de Mercado

Da razoabilidade do valor e da vantajosidade para a Administração

Embora a contratação envolva profissional de notório saber, hipótese em que a comparação de preços de mercado não se aplica nos moldes tradicionais, a Administração deve demonstrar a **razoabilidade do valor proposto**, conforme determina o art. 23, §3º, da Lei nº 14.133/2021.

No caso concreto, o Professor Miguel A. Altieri apresentou **proposta espontânea** no valor de **300 dólares americanos**, aproximadamente R\$ 1.700,00, para ministrar uma aula on-line. Trata-se de valor **bastante modesto e compatível com a natureza pontual da atividade**, especialmente considerando:

1. o renome internacional do professor, reconhecido como referência mundial em Agroecologia e com atuação acadêmica na University of California – Berkeley desde 1981;
2. o caráter autoral e intelectual da aula, cuja qualidade está intrinsecamente ligada à experiência singular do contratado;
3. a proporcionalidade entre o valor cobrado e o tempo despendido na preparação e ministração da atividade;
4. A prestação do serviço na modalidade **online** é o meio mais **econômico e viável**, pois elimina os altos custos com passagens e hospedagem internacionais.

Dessa forma, conclui-se que o valor proposto é **razoável, proporcional** e representa **vantajosidade para a Administração**, atendendo aos requisitos legais da contratação direta por inexigibilidade.

6. Descrição da solução como um todo

A solução delineada para esta demanda é a contratação direta, por meio da modalidade **inexigibilidade de licitação**, de pessoa física (professor estrangeiro) para ministrar **aula online** no âmbito das atividades apoiadas pelo EDITAL nº 53/2023 SECTIES/FAPESQ-PB - Apoio à Organização e Realização de Eventos Científicos, Tecnológicos e de Inovação. Esta escolha é fundamentada no art. 74, inciso III, da Lei nº 14.133/2021, que permite a contratação de **serviços técnicos especializados de natureza predominantemente intelectual com profissionais de notória especialização**, visto que a expertise e o reconhecimento do palestrante estrangeiro são singulares e imprescindíveis para o cumprimento das metas do projeto.

7. Estimativa das Quantidades a serem Contratadas

A quantidade a ser contratada se limita a **1 (uma) unidade de prestação de serviço**, correspondente à realização de **1 (uma) aula online (palestra)** com duração de **1 (uma) hora**, a ser ministrada pelo professor estrangeiro.

8. Estimativa do Valor da Contratação

Valor (R\$): 1.700,00

O valor total estimado para esta contratação é de **R\$ 1.700,00 (mil e setecentos reais)**, valor este que está alinhado com o limite orçamentário do projeto EDITAL nº 53/2023. Este preço é considerado justo e compatível com a contratação direta de profissional de notória especialização para o serviço pontual e singular de ministrar a aula online.

9. Justificativa para o Parcelamento ou não da Solução

A contratação não comporta parcelamento, pois o objeto é singular e indivisível, consistindo na entrega de uma única e pontual aula online (palestra).

10. Contratações Correlatas e/ou Interdependentes

Não se verifica contratações correlatas nem interdependentes para a viabilidade e contratação desta demanda.

11. Alinhamento entre a Contratação e o Planejamento

O serviço demandado se encontra no Plano de Contratações de 2025, conforme DFD Nº 113/2025, em execução no PCA 2025.

12. Benefícios a serem alcançados com a contratação

- **Cumprimento de Obrigações:** Garantir a **execução integral e a qualidade** das atividades previstas no projeto e das obrigações assumidas com a SECTIES/FAPESQ-PB, assegurando a regularidade da prestação de contas do EDITAL nº 53/2023.
- **Elevação do Nível Científico:** Aumentar a **relevância e o rigor acadêmico** do evento, proporcionando um conteúdo de **notória especialização internacional** que agregue valor inestimável ao evento.
- **Fortalecimento da Pesquisa:** Promover o **intercâmbio de conhecimento** e a **internacionalização** da pesquisa no CCHSA e na UFPB.
- **Impacto na Formação:** Oferecer aos estudantes, pesquisadores e participantes o acesso direto a uma **expertise de alto nível**, enriquecendo sua formação profissional e acadêmica.

13. Providências a serem Adotadas

- **Agendamento e Confirmação:** Definir e confirmar formalmente a data e o horário da palestra com o professor estrangeiro, levando em consideração os fusos horários e a programação do evento.
- **Divulgação e Comunicação:** Coordenar a divulgação efetiva da participação do palestrante estrangeiro, utilizando canais internos e externos para maximizar a audiência e o impacto do evento.
- **Plataforma de Transmissão:** Selecionar, configurar e disponibilizar a plataforma de videoconferência mais adequada que suporte a transmissão da aula online para o público-alvo e que garanta a qualidade de áudio e vídeo.

- **Suporte Técnico:** Disponibilizar uma equipe de suporte técnico para auxiliar o professor estrangeiro e a equipe organizadora nos testes prévios de conexão, compartilhamento de tela, áudio e vídeo, minimizando riscos de falhas durante a transmissão.

14. Possíveis Impactos Ambientais

Tendo em vista a natureza do objeto que se pretende contratar, não se vislumbram impactos ambientais em que se verifique a necessidade de adoção de medidas de tratamento e/ou mitigadoras.

15. Declaração de Viabilidade

Esta equipe de planejamento declara **viável** esta contratação.

15.1. Justificativa da Viabilidade

A contratação é plenamente viável porque representa a única solução técnica capaz de atender ao requisito de notória especialização demandado pela natureza do evento científico e pela singularidade do professor estrangeiro considerado o pai da agroecologia -, o qual não pode ser substituído por outro profissional sem comprometer a qualidade do projeto. A utilização da modalidade online garante a viabilidade econômica. A opção pela contratação direta (inexigibilidade) se demonstra não apenas legalmente amparada, mas também como o único caminho eficaz, rápido e economicamente responsável para materializar o objeto da demanda.

16. Responsáveis

Todas as assinaturas eletrônicas seguem o horário oficial de Brasília e fundamentam-se no §3º do Art. 4º do [Decreto nº 10.543, de 13 de novembro de 2020](#).

BELISIA LUCIA MOREIRA TOSCANO DINIZ

Membro da comissão de contratação

MARLON KLEBER ALVES DE ALBUQUERQUE

Membro da comissão de contratação

KELVIN BRENAND DA SILVA

Membro da comissão de contratação

Lista de Anexos

Atenção: Apenas arquivos nos formatos ".pdf", ".txt", ".jpg", ".jpeg", ".gif" e ".png" enumerados abaixo são anexados diretamente a este documento.

- Anexo I - ANEXO I DO ETP.pdf (271.0 KB)

ANEXO I DO ETP

Produção acadêmica do Professor Miguel Angel Altieri que consubstancia seu conhecimento/saber notório na área da Agroecologia.

- ALTIERI, Miguel Angel ; C.I, Nicholls . Designing and implementing a habitat management strategy to enhance biological pest control in agroecosystems. *Biodynamics*, v. 256, p. 26-38, 2005.
- ALTIERI, Miguel Angel ; C.I, Nicholls . An agroecological basis for designing diversified cropping systems in the tropics .. *Journal Of Crop Improvement*, v. 11, p. 81-103, 2004.
- ALTIERI, Miguel Angel ; C.I, Nicholls . A rapid farmer friendly agroecological method to estimate soil quality and crop health in vineyard systems. *Biodynamics*, v. 250, p. 33-39, 2004.
- ALTIERI, Miguel Angel ; C.I, Nicholls . Soil fertility management and insect pests: harmonizing soil and plant health in agroecosystems. . *Soil And Tillage Research*, v. 72, p. 203-211, 2003.
- ALTIERI, Miguel Angel . Fatal Harvest Overcoming the ecological tragedy of industrial agriculture. *Journal Of Business Administration And Policy Analysis*, v. 31, p. 239-264, 2003.
- ALTIERI, Miguel Angel ; C.I, Nicholls . The simplification of traditional vineyard based agroforest in northwestern Portugal: some ecological implications.. *Agroforestry Systems* , v. 55, p. 186-191, 2002.
- ALTIERI, Miguel Angel . Agroecology: the science of natural resource management for poor farmers in marginal environments. . *Agriculture, Ecosystems & Environment* , v. 93, p. 1-24, 2002.
- ALTIERI, Miguel Angel ; C.I, Nicholls ; PARRELLA, M.p. . Effects of a vegetational corridor on the abundance and dispersal of insect biodiversity within a northern Californian organic vineyard. . *Landscape Ecology* , v. 16, p. 133-146, 2001.
- ALTIERI, Miguel Angel . The ecological impacts of transgenic crops on agroecosystem health.. *Ecosystem Health* , v. 6, p. 13-23, 2000.
- ALTIERI, Miguel Angel . Developing sustainable agricultural systems for small farmers in Latin America. *Natural Resources Forum* , v. 24, p. 97-105, 2000.
- ALTIERI, Miguel Angel . Multifunctional dimensions of ecologically based agriculture in Latin America.. *International Journal for Sustainable Development & World Ecology* , v. 7, p. 62-75, 2000.

- ALTIERI, Miguel Angel ; PARRELA, C I ; C.I, Nicholls . Reducing the abundance of leafhoppers and thrips in a northern California organic vineyard through maintenance of full season floral diversity with summer cover crops. . *Agricultural And Forest Entomology*, v. 2, p. 107-113, 2000.
- ALTIERI, Miguel Angel . The Ecological role of biodiversity in agroecosystems.. *Agriculture, Ecosystems & Environment* , v. 74, p. 19-314, 1999.
- ALTIERI, Miguel Angel . The greening of the barrios: urban agriculture for food security in Cuba. . *Agriculture And Human Values, Agriculture and Human Values* ., v. 16, p. 131-140, 1999.
- ALTIERI, Miguel Angel ; ROJAS, A . Ecological impacts of Chile's neoliberal policies, with special emphasis on agroecosystems.. *Environment, Development and Sustainability* , v. 1, p. 55-72, 1999.
- ALTIERI, Miguel Angel ; C.I, Nicholls ; PARRELLA, M.p. . Advances and perspectives in the biological control of greenhouse pests with special reference to Colombia. . *Integrated Pest Management Reviews*, v. 3, p. 99-110, 1998.
- ALTIERI, Miguel Angel ; ROJAS, A . Lessons from a trade partner: the environmental costs of Chile's neoliberal programs. *Alternatives*, v. 24, p. 24-28, 1998.
- ALTIERI, Miguel Angel . An agroecological perspective to guide graduate educational programs in agricultural economics and rural development in Latin America of the XXI Century. . *Ecological Economics* , v. 27, p. 227-236, 1998.
- ALTIERI, Miguel Angel ; C.I, Nicholls . Conventional agricultural development programs and the persistence of the pesticide treadmill in Latin America. . *International Journal for Sustainable Development & World Ecology* , v. 4, p. 93-111, 1997.
- ALTIERI, Miguel Angel ; ROSSET, P. . Agroecology versus input substitution: a fundamental contradiction in sustainable agriculture. . *Society And Natural Resources*, v. 10, p. 283-295, 1997.
- ALTIERI, Miguel Angel ; C.I, Nicholls ; ROSSET, P. . Biological control and agricultural modernization: towards resolution of some contradictions. *Agriculture and Human Values.. Agriculture And Human Values*, v. 14, p. 303-310, 1997.
- ALTIERI, Miguel Angel ; C.I, Nicholls . Indigenous and modern approaches to IPM in Latin America. . *Leisa*, v. 13, p. 6-7, 1997.
- ALTIERI, Miguel Angel . Bases ecologicas para el desarrollo de sistemas agricolas alternativos para campesinos de Latinoamerica. *Ambiente y Desarrollo* 11(3): 29-46.. *Ambiente Y Desarrollo*, v. 11, n.3, p. 29-46, 1996.

- ALTIERI, Miguel Angel ; ROSSET, P. . Agroecology and the conversion of large-scale conventional systems to sustainable management.. International Journal Of Enviromental Studies, International Journal of Envi, v. 50, p. 165-185, 1996.
- ALTIERI, Miguel Angel . Agroecology.. Encycolpedia Of Enviromental Biology, v. 1, p. 31-36, 1995.
- ALTIERI, Miguel Angel . Escaping the treadmill. . Ceres: the FAO Review on Agriculture and Development , v. 27, n.4, p. 15-23, 1995.
- ALTIERI, Miguel Angel . Biodiversity and biocontrol: lessons from insect pest management. . Advances In Plant Pathology, v. 11, p. 191-209, 1995.
- ALTIERI, Miguel Angel . Necesidades y Nuevos enfoques de informacion para los organismos no-gubernamentales y los pequeños agricultores de America Latina.. Aibda, v. 14, n.2, p. 47-55, 1994.
- ALTIERI, Miguel Angel . Conversion organica de la agricultura cubana. Hoja Hoja Del Maela, v. 4, n.6, p. 15-17, 1994.
- ALTIERI, Miguel Angel ; VENEGAS, R. ; RODRIGUEZ,, J. ; HINOJOSA, G. ; BURGOS, S. . Conversion de viñedos de exportación a un manejo agroecologico.. Ambiente y Desarrollo, v. 10, n.3, p. 85-92, 1994.
- ALTIERI, Miguel Angel ; Costello, M. J . Living mulches suppress aphids in broccoli. . California Agriculture, v. 48, p. 24-28, 1994.
- ALTIERI, Miguel Angel . Rural Development: International. Encyclopedia of Agricultural Science. Encyclopedia Of Agricultural Science, v. 3, p. 647-653, 1994.
- ALTIERI, Miguel Angel . Sustainable Agriculture.. Encyclopedia Of Agriculture Science, v. 4, p. 239-247, 1994.
- ALTIERI, Miguel Angel . Bases agroecologicas para una produccion agricola sostenible. 54(4): 371-386.. Agricultura Tecnica , v. 54, n.4, p. 371-386, 1994.
- ALTIERI, Miguel Angel ; MASERA., O. . Sustainable rural development in Latin America: Building from the bottom up.. Ecological Economics , v. 7, p. 93-121, 1993.
- ALTIERI, Miguel Angel ; TRUJILLO, Javier ; GOLD, C. S. ; KOCH, C. Klein ; QUEZADA, J. R. ; KLEIN-KOCH, C. . Control Biologico Clasico en America Latina, Pasado, Presente y Futuro. . Miscelanea Soc Colombiana, v. 28, p. 1-26, 1993.
- ALTIERI, Miguel Angel . Ethnoscience and biodiversity: key elements in the design of sustainable pest management systems for small farmers in

- developing countries.. *Agriculture, Ecosystems & Environment* , v. 46, n.257, 1993.
- ALTIERI, Miguel Angel . The implications of Cuba's agricultural conversion to the general Latin American agroecological movement.. *Agriculture And Human Values*, p. 1-2, 1993.
 - ALTIERI, Miguel Angel ; Francis, C. A. . Agroecology and sustainable development: innovative ideas for an effective university curriculum.. *Journal of Sustainable Agriculture* , v. 3, n.1, p. 107-112, 1992.
 - ALTIERI, Miguel Angel . Sustainable agricultural development in Latin America: exploring the possibilities.. *Agriculture, Ecosystems & Environment* , v. 39, p. 1-21, 1992.
 - ALTIERI, Miguel Angel . Agroecological foundations of alternative agriculture in California. . *Agriculture, Ecosystems & Environment* , v. 39, p. 23-53, 1992.
 - ALTIERI, Miguel Angel ; Garcia, M. A. . Explaining differences in flea beetle *Phyllotreta cruciferae* Goeze densities and mixed broccoli cropping systems as a function of individual behavior. *Entomologia Experimentalis et Applicata* , v. 62, p. 201-209, 1992.
 - ALTIERI, Miguel Angel . El rol ecologico de la biodiversidad en agroecosistemas. . *Agroecologia y Desarrollo*, v. 4, p. 2-11, 1992.
 - ALTIERI, Miguel Angel ; Nestel, D . The weed community of Mexican coffee agroecosystems: effect of management upon plant biomass and species composition. . *Acta Ecologica*, v. 13, n.6, p. 715-726, 1992.
 - ALTIERI, Miguel Angel . Desarrollo sostenible y pobreza rural: una perspectiva latinoamericana. *Alternativas. Serie, Espacio Pedagógico* , v. 10, p. 19-45, 1992.
 - ALTIERI, Miguel Angel ; Francis, C. A. . Incorporating agroecology into the conventional agricultural curriculum.. *American Journal Alternative Agriculture*, *American J. Alternative Agric*, v. 7, n.1, p. 89-93, 1992.
 - ALTIERI, Miguel Angel . L'agro-écologie commence o ù finit la rhétorique de la durabilité. . *Ceres: the FAO Review on Agriculture and Development* , v. 24, n.2, p. 33-39, 1992.
 - ALTIERI, Miguel Angel . Where the rhetoric of sustainability ends, agroecology begins.. *Ceres: the FAO Review on Agriculture and Development* , v. 134, p. 33-39, 1992.
 - ALTIERI, Miguel Angel . How best can we use biodiversity in agroecosystems? . *Outlook On Agriculture*, v. 20, n.1, p. 15-23, 1991.

- ALTIERI, Miguel Angel . Por que estudiar la agricultura tradicional?. Agroecologia y Desarrollo, v. 1, n.1, p. 16-24, 1991.
- ALTIERI, Miguel Angel ; YURJEVIC, Andres . La agroecologia y el desarrollo rural sostenible en America Latina. . Agroecologia y Desarrollo, Agroecologia y Desarrollo., v. 1, n.1, p. 25-36, 1991.
- ALTIERI, Miguel Angel ; TRUJILLO, Javier ; ASTIER, M. A. ; GERSPER, P. L. ; BAKX, W. A. . Low input technology proves viable for limited?resource farmers in Salinas Valley.. Calif Ag, v. 45, n.2, p. 20-23, 1991.
- ALTIERI, Miguel Angel ; BELLOTTI, A. C. ; GOLD, C. S. . Survivorship of cassava whiteflies *Aleurotrachelus socialis* and *Trialeurodes variabilis* (Homoptera: Aleyrodidae) under different cropping systems in Colombia. . Crop Protection , v. 10, p. 305-310, 1991.
- ALTIERI, Miguel Angel . Classical Biological Control and Social Equity.. Bulletin of Entomological Research , v. 81, p. 365-369, 1991.
- ALTIERI, Miguel Angel . Traditional farming in Latin America. The Ecologist, v. 21, n.2, p. 93-96, 1991.
- ALTIERI, Miguel Angel . Cuan comun es nuestro futuro comun? . Revista Medio Ambiente, Lima, v. 43, p. 29-33, 1990.
- ALTIERI, Miguel Angel . How common is our common future?. Contemporary Topics in Immunobiology , v. 4, n.1, p. 102-103, 1990.
- ALTIERI, Miguel Angel . Rethinking crop genetic resource conservation: A view from the South. . Conservation Biology , v. 3, p. 77-79, 1990.
- ALTIERI, Miguel Angel ; Gold, C. S ; BELLOTTI, A. C. . Response of the cassava whitefly, *Trialeurodes variabilis* (Quaintance) (Homoptera: Aleyrodidae) to host plant size: implications for cropping system management. . Acta Ecologica, v. 11, n.1, p. 35-41, 1990.
- ALTIERI, Miguel Angel ; Kloen, H . Effect of mustard (*Brassica hirta*) as a non?crop plant on competition and insect pests in broccoli (*Brassica oleraceae*). Crop Protection , v. 9, p. 90-96, 1990.
- ALTIERI, Miguel Angel ; Titayavan, M . Synonome?mediated interations between the parasitoid *Diaeretiella rapae* and *Brevicoryne brassicae* under field conditions. . Entomophaga, v. 35, n.3, p. 75-83, 1990.
- ALTIERI, Miguel Angel ; Trujillo?Arriaga, J . A comparison of aphidophagous arthropods on maize polycultures and monocultures, in Central Mexico. . Agriculture, Ecosystems & Environment , v. 31, p. 337-349, 1990.
- ALTIERI, Miguel Angel ; Gold, C. S ; BELLOTTI, A. C. . Direct and residual effects of short?duration intercrops on the cassava whiteflies *Aleurotrachelus*

- socialis* and *Trialeurodes variabilis* (Homoptera: Aleyrodidae) in Colombia.. *Agriculture, Ecosystems & Environment* , v. 32, p. 57-67, 1990.
- ALTIERI, Miguel Angel . Cubiertas o mulches vivos. . *Chile Agrícola*, p. 176-179, 1990.
 - ALTIERI, Miguel Angel . Sustainable agriculture: overview. *Environment* (St. Louis) , v. 31, n.3, p. 2-3, 1989.
 - ALTIERI, Miguel Angel . Agroecology: a new research and development paradigm for world agriculture. *Agriculture. Ecosystems And Environment*, v. 27, p. 37-46, 1989.
 - ALTIERI, Miguel Angel ; YURJEVIC, Andres . The Latin American Consortium on Agroecology and Development: a new institutional arrangement to foster sustainable agriculture among resource?poor farmers.. *Bull Of The Development Anthropology*, v. 7, p. 17-19, 1989.
 - ALTIERI, Miguel Angel ; TRUJILLO, J. ; CAMPOS, L. ; KOCH, C. Klein ; GOLD, C. S. ; QUEZADA, J. R. . El Control biologico clasico en america Latina en su contexto historico.. *Manejo Integrado de Plagas y Agroecología* , v. 12, p. 82-107, 1989.
 - ALTIERI, Miguel Angel ; BELLOTTI, A. C. ; GOLD, C. S. . The effects of intercropping and pest incidence: a review illustrated with a case study from Colombia. . *Trop Pest Mgmt*, v. 35, n.4, p. 339-344, 1989.
 - ALTIERI, Miguel Angel ; Gold, C. S ; BELLOTTI, A. C. . Effects of cassava varietal mixtures on the whiteflies *Aleurotrachelus socialis* and *Trialeurodes variabilis* in Colombia. *Entomol. Exp. Appl.* 53: 195?202.. *Entomol Exp Appl*, v. 53, p. 195-202, 1989.
 - ALTIERI, Miguel Angel ; GOLD, C. S. ; BELLOTTI, A. C. . the effects of intercropping and mixed varieties of predators and parasitoids of cassava whitefly (Hemiptera: Aleyrodidae) in Colombia. . *Bull Ent Res*, v. 79, p. 115-121, 1989.
 - ALTIERI, Miguel Angel ; BELLOTTI, A. C. ; GOLD, C. S. . The effects of intercropping and mixed varieties of predators and parasitoids of cassava whitefly (Hemiptera: Aleyrodidae) in Colombia.. *Bull Ent Res*, v. 79, p. 115-121, 1989.
 - ALTIERI, Miguel Angel ; BELLOTTI, A. C. ; GOLD, C. S. . Effects of intercrop competition and differential herbivore numbers on cassava growth and yields. . *Agriculture, Ecosystems & Environment* , v. 26, p. 131-146, 1989.
 - ALTIERI, Miguel Angel . Beyond agroecology: making sustainable agriculture part of a political agenda. . *Amer J Alt Ag*, v. 3, n.4, p. 142-143, 1988.

- ALTIERI, Miguel Angel ; Gold, C. S ; BELLOTTI, A. C. . Relative oviposition rates of the cassava hornworm, *Erinnyis ello* (Lep.: Sphingidae), and accompanying parasitism by *Telenomus sphingis* (Hym.: Scelionidae) in upper and lower leaf surfaces of cassava.. *Entomophaga*, v. 34, n.1, p. 73-76, 1988.
- ALTIERI, Miguel Angel . Biotechnology and sustainable agriculture. . *American Journal Of Alternative*, (editorial), v. 1, p. 46-46, 1987.
- ALTIERI, Miguel Angel . The significance of diversity in the maintenance of the sustainability of traditional agroecosystems.. *Ileia*, v. 3, n.2, p. 3-7, 1987.
- ALTIERI, Miguel Angel ; MERRICK, L. C. . In situ conservation of crop genetic resources through maintenance of traditional farming systems. *Economic Botany* , v. 4, n.1, p. 86-96, 1987.
- ALTIERI, Miguel Angel ; ANDERSON, M. K. ; MERRICK, L. C. . Peasant agriculture and the conservation of crop and wild plant resources.. *Conservation Biology* , v. 1, n.1, p. 49-49, 1987.
- ALTIERI, Miguel Angel ; TRUJILLO, Javier . The agroecology of corn production in Tlaxcala ,Mexico. *Human Ecology* (New York) , v. 15, n.2, p. 189-220, 1987.
- ALTIERI, Miguel Angel . Mixing cultivars of broccoli reduces cabbage aphid populations.. *Cal Agric*, v. 41, n.11, p. 24-26, 1987.
- ALTIERI, Miguel Angel . The grassroots approach to rural development in Latin America. . *Alternatives*, v. 13, n.4, p. 22-27, 1986.
- ALTIERI, Miguel Angel ; ANDERSON, M. K. . An ecological basis for the development of alternative agricultural systems for small farmers in the Third World.. *American Journal Of Alternative Agriculture*, v. 1, p. 30-38, 1986.
- ALTIERI, Miguel Angel . Cover crops affect insect and spider populations in apple orchards.. *Calif Agric*, v. 40, p. 15-17, 1986.
- ALTIERI, Miguel Angel ; SCHMID, L. L. . Population trends, distribution patterns and feeding preferences of flea beetles (*Phyllotreta cruciferae* Goeze) in collard?wild mustard mixtures: underlying mechanisms.. *Crop Protection* , v. 5, n.3, p. 170-175, 1986.
- ALTIERI, Miguel Angel ; SCHMIDT, L. L. . The dynamics of colonizing arthropod communities at the interface of abandoned, organic and commercial apple orchards and adjacent woodland habitats.. *Agriculture, Ecosystems & Environment* , v. 16, p. 29-43, 1986.
- ALTIERI, Miguel Angel . Developing pest management strategies for small farmers based on traditional knowledge. *Bull Institute Develop Anthropology*, v. 3, n.1, p. 13-17, 1985.

- ALTIERI, Miguel Angel ; SCHMID, L. L. . Cover crop manipulation in northern California apple orchards and vineyards: Effects on arthropod communities.. *Biological Agriculture & Horticulture* , v. 3, p. 1-24, 1985.
- ALTIERI, Miguel Angel ; WILSON, R. C. ; SCHMIDT, L. L. . The effects of living mulches and weed cover on the dynamics of foliage and soil arthropod communities in three crop systems.. *Crop Protection* , v. 4, n.2, p. 201-213, 1985.
- ALTIERI, Miguel Angel . Patterns of insect diversity in monocultures and polycultures of brussels sprouts. *Prot Ecol*, v. 6, p. 227-232, 1984.
- ALTIERI, Miguel Angel . Pest management technologies for peasants: A farming systems approach. *Crop Protection* , v. 3, n.1, p. 87-94, 1984.
- ALTIERI, Miguel Angel . Towards a grassroots approach to rural development in the Third World.. *Agriculture And Human Values*, v. 1, p. 45-48, 1984.
- ALTIERI, Miguel Angel ; FARRELL, J. . Traditional farming systems of south central Chile with special emphasis on agroforestry. *Agroforestry Systems* , v. 2, p. 3-18, 1984.
- ALTIERI, Miguel Angel ; LETOURNEAU, D. K. . Vegetation diversity and pest outbreaks. *Critical Reviews in Plant Sciences* , v. 2, p. 131-169, 1984.
- ALTIERI, Miguel Angel ; SCHMID, L. L. . Abundance patterns and foraging activity of ant communities in abandoned, organic and commercial apple orchards in northern California. . *Agriculture, Ecosystems & Environment* , v. 11, p. 341-352, 1984.
- ALTIERI, Miguel Angel ; LIPPMAN, M. ; SCHMIDT, L. ; KUBO, I. . Antifeedant effects of nomilin on *Spodoptera frugiperda* and *Trichoplusia ni* under laboratory conditions. *Prot. Ecol.* 6: 91-94.. *Port Ecol*, v. 6, p. 91-94, 1984.
- ALTIERI, Miguel Angel ; Matteson, P. C ; GAGNE., W. C. . Modification of small farmer practices for better pest management. *Ann Rev Entomology*, v. 29, p. 383-402, 1984.
- ALTIERI, Miguel Angel ; LETOURNEAU, D. K. ; DAVIS, J. R. . Developing sustainable agroecosystems.. *Bioscience (Washington)* , v. 33, n.1, p. 45-49, 1983.
- ALTIERI, Miguel Angel . The question of small farm development: Who teaches whom?. *Agriculture, Ecosystems & Environment* , v. 9, p. 401-405, 1983.
- ALTIERI, Miguel Angel ; GLIESSMAN, S. R. . Effects of plant diversity on the density and herbivory of the flea beetle *Phyllotreta cruciferae* in California collard cropping systems. *Crop Protection* , v. 2, n.4, p. 497-501, 1983.

- ALTIERI, Miguel Angel ; DAVIS, J. ; BURROUGHS, K. . Some agroecological and socioeconomic features of organic farming in California: a preliminary study.. *Biological Agriculture & Horticulture* , v. 1, p. 97-101, 1983.
- ALTIERI, Miguel Angel ; Flath, R. ; MON, R. . Volatile constituents of *Amaranthus retroflexus* L.. *Journal of Agricultural and Food Chemistry* , v. 32, p. 92-94, 1983.
- ALTIERI, Miguel Angel ; Letourneau, D. K . Abundance patterns of a predator, *Orius tristicolor* (Hemiptera: Anthocoridae), and its prey, *Frankliniella occidentalis* (Thysanoptera: Thripidae): Habitat attraction in polycultures versus monocultures. . *Environmental Entomology* , v. 12, n.5, p. 1465-1469, 1983.
- ALTIERI, Miguel Angel ; Risch, S. ; ANDOW, D. . Agroecosystem diversity and pest control: data, tentative conclusions, and new research directions. *Environmental Entomology* , v. 12, p. 625-629, 1983.
- ALTIERI, Miguel Angel . Ecology and management of weed populations. Student Manual for University of California, Berkeley course, PMI4I, We Ecology and Management. . Eugene Memmler, p. 18-18, 1982.
- ALTIERI, Miguel Angel . Crop diversification: a key to biological pest control. *Ncap News*, v. 3, n.2, p. 14-16, 1982.
- ALTIERI, Miguel Angel . Vegetational designs for insect?habitat management. *Enviroment Manegemnt*, v. 7, n.1, p. 3-7, 1982.
- ALTIERI, Miguel Angel ; LETOURNEAU., D. K. . Vegetation management and biological control in agroecosystems. *Crop Protection* , v. 1, p. 405-430, 1982.
- ALTIERI, Miguel Angel ; HAMAI, J. ; HAJEK, A. ; SHEEHAN, K. . Biological control of insect pests.Part I. *Amer Hort*, v. 61, n.2, p. 28-35, 1982.
- ALTIERI, Miguel Angel ; HAMAI, J. ; HAJEK, A. ; SHEEHAN, K. . Biological control of insect pests. Part II. *Amer Hort*, v. 61, n.4, p. 28-36, 1982.
- ALTIERI, Miguel Angel ; MARTIN, P. B. ; LEWIS, W. J. . A quest for ecologically based pest management systems. *Environmental Management* , v. 7, n.1, p. 91-100, 1982.
- ALTIERI, Miguel Angel ; ANNAMALAI, S. ; KATYAR, K. P. ; FLATH, R. A. . Effects of plant extracts on the rates of parasitization of *Anagasta kuehniella* eggs by *Trichogramma pretiosum* under greenhouse conditions.. *Entomophaga*, v. 27, n.4, p. 431-438, 1982.
- ALTIERI, Miguel Angel ; HAGEN, K. S. ; TRUJILLO, J. ; CALTAGIRONE, L. E. . Biological control of *Limax maximus* and *Helix aspersa* by indigenous predators in a daisy field in central coastal California. . *O Ecologia Applicata*, v. 3, n.4, p. 387-390, 1982.

- ALTIERI, Miguel Angel ; Gliessman, S. R. . Polyculture cropping has advantages.. Calif Agric, v. 36, n.7, p. 14-16, 1982.
- ALTIERI, Miguel Angel . Effect of time of disturbance on the dynamics of weed communities in north Florida.. Geobios (Lyon) , v. 8, p. 145-151, 1981.
- ALTIERI, Miguel Angel . Mixed farming systems. Environment (St. Louis) , v. 23, p. 35-37, 1981.
- ALTIERI, Miguel Angel . Weeds may augment biological control of insects. . California Agriculture, v. 35, n.5, p. 22-24, 1981.
- ALTIERI, Miguel Angel ; LEWIS, W. J. ; NORDLUND, D. A. ; GUELDNER, R. C. ; TODD., W. . Chemical interactions between plants and Trichogramma wasps in Georgia soybean fields. . Protection Ecology, v. 3, p. 259-263, 1981.
- ALTIERI, Miguel Angel . Some influences of vegetational diversity on insect communities of Georgia soybean fields.. Protection Ecology, v. 3, n.4, p. 333-338, 1981.
- ALTIERI, Miguel Angel ; TODD, J. W. ; HAUSER, E. W. ; PATTERSON, M. ; BUCHANAN, G. A. ; WALKER, R. H. . Some effects of weed management and row spacing on insect abundance in soybean fields. Protection Ecology, Vol. 3(4): 339? 343.. Protection Ecology, v. 3, n.4, p. 339-343, 1981.
- ALTIERI, Miguel Angel . Diversification of corn agroecosystems as a means of regulating fall armyworm populations. . The Florida Entomologist , v. 63, p. 18-24, 1980.
- ALTIERI, Miguel Angel . The need for an agroecological approach to pest management.. Environmental Management , v. 4, p. 467-468, 1980.
- ALTIERI, Miguel Angel ; WHITCOMB, W. H. . Weed manipulation for insect management in corn.. Enviromental Management, v. 4, p. 483-489, 1980.
- ALTIERI, Miguel Angel ; WHITCOMB, W. H. . The potential use of weeds in the manipulation of beneficial insects. . HortScience , v. 14, n.01, p. 12-18, 1979.
- ALTIERI, Miguel Angel ; WHITCOMB, W. H. . Manipulation of insect populations through seasonal disturbance of weed communities.. Protection Ecology, v. 1, p. 185-202, 1979.
- ALTIERI, Miguel Angel ; WHITCOMB, W. H. . Predaceous arthropods associated with Mexican tea (*Chenopodium ambrosioides* L.) in north Florida. . The Florida Entomologist , v. 62, n.3, p. 175-182, 1979.
- ALTIERI, Miguel Angel ; WHITCOMB, W. H. . Predaceous and herbivorous arthropods associated with camphorweed (*Heterotheca subaxillaris* Lamb.) in north Florida.. Journal Of The Georgia Entomological Society, v. 15, p. 290-299, 1979.

- ALTIERI, Miguel Angel ; DOLL., J. D. . The potential of allelopathy as a tool for weed management in crop fields.. Pans, v. 24, n.4, p. 495-502, 1978.
- ALTIERI, Miguel Angel ; FRANCIS, C. A. ; SCHOONHOVEN, A. V. ; DOL, J. D. . A review of insect prevalence in maize (*Zea mays* L.) and bean (*Phaseolus vulgaris* L.) lycultural systems. . Field Crops Research , p. 33-49, 1978.
- ALTIERI, Miguel Angel ; SCHOONHOVEN, A. V. ; DOLL, J. D. . The ecological role of weeds in insect pest management systems: A review illustrated with bean (*Phaseolus vulgaris* L.) . Cropping Sistem, v. 23, n.2, p. 195-205, 1977.
- ALTIERI, Miguel Angel ; NICHOLLS, C.i. . Biodiversity and Pest Management in Agroecosystems. New York: @nd Edition The Haworth Press, 2004.
- ALTIERI, Miguel Angel ; Gurr, G.M. ; WRATTEN, S.d. . Ecological Engineering for Pest Management: Advances in habitat management for arthropods. Oxon: CABI Publishing, 2004.
- ALTIERI, Miguel Angel . Genetic engineering in agriculture: the myths, environmental risks and alternatives. . Oakland: Food First Books, 2001.
- ALTIERI, Miguel Angel ; C.I, Nicholls ; SANCHEZ., J. . Manual practico de control biologico para una Agricultura Sustentable.. Editorial Vida Sana, 2001. 86p .
- ALTIERI, Miguel Angel ; NICHOLLS, C.i. . Agroecologia: teoria y practica para una agricultura sustentable. Serie Textos Basicos para la Formacion Ambiental 4.. Mexico City: PNUMA, 2000. 250p .
- ALTIERI, Miguel Angel . Dimensiones multifuncionales de la agricultura ecologica en America Latina.. Lima: PED-CLADES/CIED, 1999. 82p .
- ALTIERI, Miguel Angel . A multidisciplinary approach to the theory and practice of sustainable development special issue on Sustainable Agriculture. Environ.Dev.and Sust., 1999. v. 1.
- ALTIERI, Miguel Angel ; UPHOF, N. . Alternatives to conventional Modern Agriculture for meeting world food needs in the 21st century.. New York: Cornell International Institute for Food, Agriculture and Development, 1999.
- ALTIERI, Miguel Angel . Agroecologia: a dinamica productiva da agricultura sustentavel. . Porto Alegre: Editora de Universidade. UFRGS, 1998. 110p .
- ALTIERI, Miguel Angel . Enfoque agroecologico para el desarrollo de sistemas de producción sostenible en los Andes. . Lima: Centro de Investigación, Educación y Desarrollo., 1996. 92p .
- ALTIERI, Miguel Angel . Agroecology: The science of sustainable agriculture. Revised and expanded edition.. Boulder: Westview Press, 1995.

- ALTIERI, Miguel Angel . Agroecology: creating the synergism for a sustainable agriculture. . New York.: UNDP Guidebook Series,, 1995. 87p .
- ALTIERI, Miguel Angel . Agricultura sustentable: un caso de simulación para Chile.. Talca: Editorial Universidad de Talca, 1994. 92p .
- ALTIERI, Miguel Angel . Crop Protection Strategies for Subsistence Farmers. . Inc. Boulder: Westview Press, 1993. 197p .
- ALTIERI, Miguel Angel ; HECH, S. B. . Agroecology and Small Farm Development. Boca Raton, 1991. 262p .
- ALTIERI, Miguel Angel ; LIEBMAN, M. Z. . Weed Management in Agroecosystems: Ecological Approaches. Book for CRC Uniscience Series. . Boca Raton: CRC Press, 1988. 354p .
- ALTIERI, Miguel Angel . Environmentally Sound Small Scale Agricultural Projects. Mohonk Trust.: Vita, 1988. 162p .
- ALTIERI, Miguel Angel . Agroecology: The Scientific Basis of Alternative Agriculture.. Boulder: Westview Press, 1987. 227p .
- ALTIERI, Miguel Angel . Biodiversity and Pest Management in Agroecosystems.. New York.: .Haworth Press, 1984.
- ALTIERI, Miguel Angel ; C.I, Nicholls . Manipulando la biodiversidad vegetal para incrementar el control biologico de insectos plaga: un estudio de caso de un viñedo organico en el norte de California. . In: Sarandon S. (Org.). Agroecologia y Agricultura Sustentable.. La Plata: Universidad Nacional de La Plata, 2002, v. , p. -.
- ALTIERI, Miguel Angel ; C.I, Nicholls . Ecologically based pest Mangement: a key pathway to achieving Agroecosystem Health.. In: D.J. Rapport. (Org.). Managing for Healthy Ecosystems.. Boca Raton: CRC Press, 2002, v. , p. -.
- ALTIERI, Miguel Angel ; C.I, Nicholls . Invasive arthropods and pest outbreaks in the context of the ecology of mechanized agricultural systems . In: G.J. Hallman; C.P. Schawalbe. (Org.). Invasive arthropods in agriculture.Science Pubs. Enfield, NH.. Enfield, NH.: Science Pubs., 2002, v. , p. 1-19.
- ALTIERI, Miguel Angel ; Nordlund, D. A . Ecological impacts of modern agriculture in the United States and Latin America. . In: O. Solbrig. (Org.). Globalization and the rural environment. Harvard Univ. Press, Cambridge, Mass.. Cambridge: Harvard Univ. Press, 2001, v. , p. -.
- ALTIERI, Miguel Angel ; C.I, Nicholls . Manipulating plant biodiversity to enhance biological control of insect pests: a case study of a northern California organic vineyard.. In: S. Gliessman. (Org.). Agroecosystem sustainability:

developing practical strategies. Agroecosystem Sustainability.. Boca Raton: CRC Press, 2000, v. , p. 29-50.

- ALTIERI, Miguel Angel ; C.I, Nicholls . Applying agroecological concepts to development of ecologically based pest management systems. . In: National Research Council.. (Org.). Professional Societies and Ecologically Based Pest Management Systems.. Washington D.C.: National Research Council., 2000, v. , p. 14-19.
- ALTIERI, Miguel Angel . The CGIAR and biotechnology: can the renewal keep the promise of research agenda for the rural poor? . In: IPGRI. (Org.). ethics and equity in conservation and use of genetic resources for sustainable food security.. Rome.: IPGRI, 1999, v. , p. 83-90.
- ALTIERI, Miguel Angel ; C.I, Nicholls . Biodiversity, ecosystem function and insect pest management in agricultural systems. . In: W.W. Collins; C.O. Qualset. (Org.). Biodiversity in Agroecosystems.. Boca Raton.: CRC Press, 1999, v. , p. 69-84.
- ALTIERI, Miguel Angel ; C.I, Nicholls . Classical biological control in Latin America: Past, present and future.. In: T. Bellows; T. W. Fishe. (Org.). Handbook of Biological Control.. : T. Bellows and T. W. Fisher (eds.), pp. 975-989., 1999, v. , p. 975-989.
- ALTIERI, Miguel Angel ; Letourneau, D.K. . Environmental management to enhance biological control in agroecosystems.. In: T. Bellows; T. W. Fisher. (Org.). Handbook of Biological Control.. : , 1999, v. , p. 319-145.
- ALTIERI, Miguel Angel . The myths of biotechnology: some ethical questions. . In: I. Seragelidin; J.Martin-Brown. (Org.). Proceedings of an associated event of the 5th Annual World Bank Conferenec on Environmentally and Socially Sustainable Development.. Washington, D.C.: , 1998, v. , p. 53-58.
- ALTIERI, Miguel Angel ; C.I, Nicholls . Biological control in agroecosystems through management of entomophagous insects.. In: G.S. Dhaliwal; E.A. Heinrichs. (Org.). Critical Issues in Pest Management. Ludhiana: National Agricultural Technology Information Center, 1997, v. , p. -.
- ALTIERI, Miguel Angel ; NICHOLLS, C.i. ; WOLFE, M.s. . Biodiversity a central concept in organic agriculture: Restraining pests and diseases. In: T.V. Ostergard. (Org.). Fundamentals of Organic Agriculture.. Copenhagen: IFOAM., 1996, v. , p. -.
- ALTIERI, Miguel Angel . El estado del arte de la agroecología y su contribución al desarrollo rural en América Latina.. In: Alfredo Cadenas Marin. (Org.).

Agricultura y Desarrollo Sostenible.. Madrid.: Ministerio de Agricultura, Pesca y Alimentacion,, 1995, v. , p. 151-203.

- ALTIERI, Miguel Angel ; MONTECINOS, C. . Conserving crop genetic resources in Latin America through farmers' participation. . In: C. S. Potter; J. I. Cohen; D. Janczewski. (Org.). Perspectives on Biodiversity: Case Studies of Genetic Resource Conservation and Development.. Washington, D. C.: AAAS., 1993, v. , p. 45-64.
- ALTIERI, Miguel Angel ; CURE, J. R. ; GARCIA, M. A. . The role and enhancement of parasitic Hymenoptera biodiversity in agroecosystems. p. In: J. LaSalle; J. Gould. (Org.). Hymenoptera and Biodiversity.. London.: p. 257-275. ICAB International, 1993, v. , p. 257-275.
- ALTIERI, Miguel Angel . Sustainability and the rural poor: a Latin American perspective. In: P. Allen. (Org.). Food for the Future: conditions and contradictions of sustainability.. : John Wiley & Sons, Inc., 1993, v. , p. 193-209.
- ALTIERI, Miguel Angel . Designing and improving pest management systems for subsistence farmers. . In: Miguel Angel altieri. (Org.). Crop Protection Strategies for Subsistence Farmers.. Boulder, CO.: Westview Press, Inc., 1993, v. , p. 1-20.
- ALTIERI, Miguel Angel ; A., C. Benito ; GOMEZ?LOBO, A. ; TOMIC, T. ; VALENZUELA, J. . Wheat farming in Chile. In: P. Faeth. (Org.). Agricultural Policy and Sustainability: case studies from India, Chile, the Philippines, and the United States.. Washington D.C.: World Resources Institute, 1993, v. 1, p. -.
- ALTIERI, Miguel Angel . Agroecologia, conocimiento tradicional y desarrollo rural sustentable. In: Enrique Leff; Julia Carabias,. (Org.). Sustentable de los Recursos Naturales.. : , 1993, v. 2, p. -.
- ALTIERI, Miguel Angel ; ANDERSON, M. K. . Peasant farming systems, agricultural modernization, and the conservation of crop genetic resources. . In: P. L. Fiedler; S. K. Jain. (Org.). Conservation Biology. The Theory and Practice of Nature Conservation and Management.. New York: Chapman and Hall, 1992, v. , p. 49-64.
- ALTIERI, Miguel Angel . An agroecological analysis of the environmental degradation resulting from the structure of agriculture. . In: P. B. Thompson; B. A. Stout. (Org.). Beyond the Large Farm.. : Westview Pres, 1991, v. , p. 125-135.
- ALTIERI, Miguel Angel . Increasing biodiversity to improve insect pest management in agroecosystems. . In: D. L. Hawksworth. (Org.). The

Biodiversity of Micororganisms and Invertebrates: its role in sustainable agriculture.. London: CAB International, 1991, v. , p. 165-182.

- ALTIERI, Miguel Angel . The ecology of tropical herbivores in polycultural agroecosystems. . In: P. W. Price. (Org.). Plant?Animal Interactions: Evolutionary Ecology in Tropical and Temperate Regions.. New York.: John Wiley & Sons, 1991, v. , p. -.
- ALTIERI, Miguel Angel . Ecology of tropical herbivores in polycultural agroecosystems. . In: . P. W. Price, T. M. Lewisohn; T. M. Lewisohn; G. Wilson Fernandes; . P. W. Price, T. W. W. Price. (Org.). Plant?Animal Interactions. Evolutionary ecology in tropical and temperate regions. New York: John Willey & Sons, Inc., New York. 639 pp., 1991, v. , p. 607-617.
- ALTIERI, Miguel Angel . Agroecology and rural development in Latin America. In: M. A. Altieri; S. B. Hecht. (Org.). Agroecology and small farm development Florida. CRC Press: Florida, 1990, v. , p. 113-118.
- ALTIERI, Miguel Angel . The agroecology of temperate cereal fields: entomological implications. In: L. G. Firbank; N. Carter; J.F Darbyshire; G.R. Potts. (Org.). The Ecology of Temperate Cereal Fields.. Oxford.: Blackwell Scientific Pubs, 1990, v. , p. -.
- ALTIERI, Miguel Angel . Why study traditional agriculture?. In: R. Carroll; J. H. Van der Meer; P. M. Rossett. (Org.). The Ecology of Agricultural Systems.. NY: MacGraw Hill Publ, 1990, v. , p. 551-564.
- ALTIERI, Miguel Angel . CLADES contribution to sustainable rural development in Latin America.. In: G. Borrini. (Org.). Lessons learned in community based environmental management.. Rome: Italian Ministry of Foreign Affairs, 1990, v. , p. -.
- ALTIERI, Miguel Angel . The Latin American Consortium on Agroecology and Development: Fostering rural development based on indigenous knowledge.. In: D. M. Warren. (Org.). Indigenous Knowledge Systems: the cultural dimension of development. : Kegan Paul Int. Pub., 1990, v. , p. -.
- ALTIERI, Miguel Angel ; GLASER, D. L. ; SCHMID, L. L. . Diversification of agroecosystems for insect pest regulation: Experiments with collards.. In: Springer Verlag. (Org.). Agroecology: researching the ecological basis for sustainable agriculture.. : Ecological Studies, 1989, v. , p. 70-82.
- ALTIERI, Miguel Angel ; Nordlund, D. A ; LEWIS, W. J. . Influences of plant produced allelochemicals on the host and prey selection behavior of entomophagous insects.. In: P. Barbosa; D. Letourneau. (Org.). Novel aspects of insect?plant interactions.. New York.: J. Wiley and Sons., 1988, v. , p. -.

- ALTIERI, Miguel Angel . The dynamics of insect populations in crop systems subject to weed interference. . In: E. A. Heinrichs. (Org.). Plant Stress?Insect Interactions.. : Wiley, 1988, v. , p. -.
- ALTIERI, Miguel Angel ; MERRICK, L. C. . Agroecology and institute conservation of native crop diversity in the Third World. Biodiversity. E. Wilson and F. Peter (eds.). National Academy of Sciences, Washington.. In: E. Wilson; F. Peter. (Org.). Biodiversity. Washington.: National Academy of Sciences, 1988, v. , p. -.
- ALTIERI, Miguel Angel . The impact, uses and ecological role of weeds in agroecosystems.. In: M. A. Altieri; M. Z. Liebman. (Org.). Weed Management in Agroecosystems: Ecological Approaches. Boca Raton: . CRC Press, 1988, v. , p. -.
- ALTIERI, Miguel Angel ; LIEBMAN, M. Z. . Weed management: Ecological guidelines.. In: M. A. Altieri; M. Z. Liebman. (Org.). Weed Management in Agroecosystems: Ecological Approaches.. Boca Raton: CRC Press, 1988, v. , p. -.
- ALTIERI, Miguel Angel ; FARRELL, J. ; TRUJILLO, Javier . Plant?insect interactions and soil fertility relations in agroforestry systems: Implications for the design of sustainable agroecosystems. In: H. L. Gholz. (Org.). Agroforestry: realities, potentials and possibilities. Dordrecht: Martinus Nijhoff Publishers, 1987, v. , p. -.
- ALTIERI, Miguel Angel ; SANDS, M. . Self?reliance and the small organic farm in Chile.. In: Rodale International.. (Org.). Experiences in Success. Rodale International.. : Rodale International., 1987, v. , p. -.
- ALTIERI, Miguel Angel ; LIEBMAN, M. . Insect, Weed and Plant Disease Management in Multiple Cropping Systems. In: C. A. Francis,. (Org.). Cropping Systems. N. Y.: MacMillan Publ Multiple, 1986, v. , p. 183-218.
- ALTIERI, Miguel Angel . Agroecology as an integrating discipline for the study of Mexican agriculture. . In: K. Truman. (Org.). Proc. Conference on Mexican Agriculture: Ancient and Modern Contributions in Biotechnology.. Riverside: Univ. California, 1986, v. , p. -.
- ALTIERI, Miguel Angel ; LETOURNEAU, D. K. ; DAVIS, J. R. . The requirements of sustainable agroecosystems.. In: G. K. Douglass. (Org.). Agricultural Sustainability in a Changing World. Colorado.: Westview Press, 1984, v. , p. 175-189.
- ALTIERI, Miguel Angel . Diversification of agricultural landscapes: A vital element for pest control in sustainable agriculture.. In: T. Edens. (Org.). Proc.

Conference on Sustainable Agriculture and Integrated Farming Systems..
Michigan: Michigan State University., 1984, v. , p. -.

- ALTIERI, Miguel Angel . Pests, Pathogens and Vegetation. In: J.M. Thresh. (Org.). Crop?weed?insect interactions and the design of pest stable cropping systems. London: Pitman Publishing Co, 1981, v. , p. -.
- ALTIERI, Miguel Angel ; DOLL, J. D. . Proceedings of the IV International Symposium on Biological Control of Weeds. . In: T. E. Freeman. (Org.). Some limitations of weed biocontrol in tropical crop ecosystems in Colombia. Gainesvil: , 1978, v. 1, p. 74-81.
- ALTIERI, Miguel Angel . Lessons from traditional farmers. Mendocino Country Magazine, p. 16 - 17.
- ALTIERI, Miguel Angel . The case against agricultural biotechnology: why are transgenic crops incompatible with sustainable agriculture in the Third World?. In: Proc. Seminar on Sustainable Agriculture in the Third World: defining a role for transgenic crops and research., 2001, Brussels. p. 49-66.
- ALTIERI, Miguel Angel . The environmental risks of transgenic crops: an agroecological assessment. . In: Proceedings of an Associated Event of the 5th Annual World Bank Conferenec on nvironmentally and Socially Sustainable Development., 1998, Washington, DC, 1998.
- ALTIERI, Miguel Angel . Agricultura alternativa nos E.U.A. avancos e perspectivas. . In: Agricultura Alternativa., 1987, Londrina. Anais do Seminario de Pesquisa. Londrina: Fundacao Inst. Agron. do Parana, IAPAR,, 1987. p. 117-151.
- ALTIERI, Miguel Angel . Ecological diversity and the sustainability of California agroecosystems.. In: Proc. Symposium on the sustainability of California Agriculture., 1986, Sacramento, 1986. p. 103-119.
- ALTIERI, Miguel Angel . Agricultural development in Mexico: Key questions and perspectives for Latin America. . In: Proc. Seminar on Mexican Agricultural Development., 1985, U. C. Berkeley, 1985.
- ALTIERI, Miguel Angel . The ecological role of weeds in agroecosystems with special emphasis on crop?weed?insect interactions.. In: Proc. EWRS 3rd Symp. on Weed Problems in the Mediterranean Area, 1984, 1984. p. 359-364.
- ALTIERI, Miguel Angel . Developing pest management strategies for small farmers based on traditional knowledge.. In: Proc. Vol. XX Annual Meeting Caribbean Food Crops Society, St. Croix,, 1984, Virgin Islands. p. 47-50.

- ALTIERI, Miguel Angel . Designing sustainable agroecosystems: Lessons from traditional peasants.. In: Proc. Right to Food Conf., An Intern. Conf. on Freedom from Hunger, 1984, Montreal, 1984.
- ALTIERI, Miguel Angel . The ecology of insect pest control in organic farming systems:Toward a general theory. In: Proc. 5th IFOAM International Conf., Telprtance of Biological Agriculture in a World of Diminishing Resources., 1984, University of Kassel, 1984.
- ALTIERI, Miguel Angel . L'Agroecologie: bases scientifiques d'une agriculture alternative. . Paris: Editions Debard, 1996 (Boletim).
- ALTIERI, Miguel Angel ; NESTE, D. . Mexican agricultural development, past, present and future.. UC Berkeley: University California, Berkeley, 1985 (boletim).
- ALTIERI, Miguel Angel . Agroecology, the Scientific Basis of Alternative Agriculture. . Berkeley: Cleo's Duplication Services., 1983 (Botelim).