



## **DANIEL MATIAS GONZALEZ TOKMAN**

### **Datos Generales**

**Nombre:** DANIEL MATIAS GONZALEZ TOKMAN

**Máximo nivel de estudios:** DOCTORADO

**Antigüedad académica en la UNAM:** 2 años

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### **Nombramientos**

**Último:** PROFESOR ASIGNATURA A TP No Definitivo  
Facultad de Ciencias  
Desde 16-11-2018 hasta 15-03-2020

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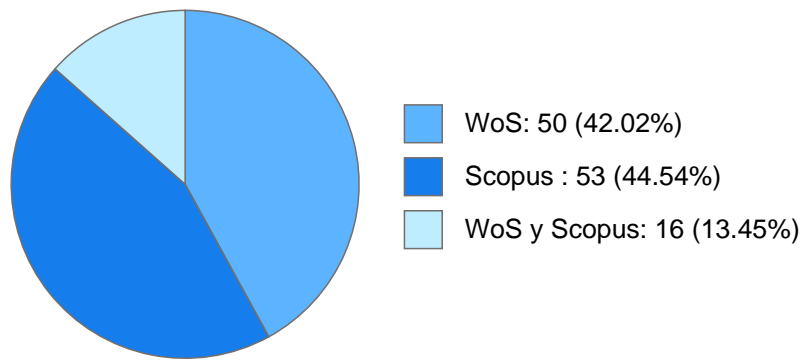
### **Estímulos, programas, premios y reconocimientos**

SNI II 2022 - 2023  
SNI I 2015 - 2021

**DANIEL MATIAS GONZALEZ TOKMAN**

**DOCUMENTOS EN REVISTAS**

**Histórico de Documentos**



#	Título	Autores	Revista	Año
1	Experimental Crosses Between Two Dung Beetle Lineages Show Transgressive Segregation in Physiological Traits	DANIEL MATIAS GONZALEZ TOKMAN FERNANDA SOFIA BAENA DIAZ Fernanda Armas et al.	Neotropical Entomology	2023
2	Temporal changes of taxonomic and functional diversity in dung beetles inhabiting forest fragments and pastures in Los Tuxtlas Biosphere Reserve, Mexico	DANIEL MATIAS GONZALEZ TOKMAN Pedro Giovani da Silva Renato P. Salomao et al.	Revista Mexicana De Biodiversidad	2023
3	Invader's success: behavioural and reproductive plasticity of interacting exotic dung beetles	EK DEL VAL DE GORTARI DANIEL MATIAS GONZALEZ TOKMAN Esquivel-Román A. et al.	Behaviour	2023
4	Insularization drives physiological condition of Amazonian dung beetles	DANIEL MATIAS GONZALEZ TOKMAN Leonardo Vilas-Boas M. P. de Cerqueira Cesar M. A. Correa et al.	ECOLOGY AND EVOLUTION	2023
5	Insect thermal limits in warm and perturbed habitats: Dragonflies and damselflies as study cases	DANIEL MATIAS GONZALEZ TOKMAN JORGE ERNESTO SCHONDUBE FRIEDEMOLD ALEJANDRO CORDOBA AGUILAR et al.	JOURNAL OF THERMAL BIOLOGY	2022
6	Contamination effects on sexual selection in wild dung beetles	ALEJANDRO CORDOBA AGUILAR DANIEL MATIAS GONZALEZ TOKMAN Sebastian Villada-Bedoya et al.	JOURNAL OF EVOLUTIONARY BIOLOGY	2022

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7	Sampling bias in multiscale ant diversity responses to landscape composition in a human-disturbed rainforest	DANIEL MATIAS GONZALEZ TOKMAN Ahuatzin D.A. Valenzuela-González J.E. et al.	INSECTES SOCIAUX	2022
8	Dung or carrion? Sex and age determine resource attraction in dung beetles	DANIEL MATIAS GONZALEZ TOKMAN Salomão R.P. Cerqueira L.V.-B.M.P. et al.	ECOLOGICAL ENTOMOLOGY	2022
9	Forest cover modulates diversity and morphological traits of ants in highly fragmented tropical forest landscapes	DANIEL MATIAS GONZALEZ TOKMAN Ahuatzin D.A. Silva R.R. et al.	BIODIVERSITY AND CONSERVATION	2022
10	Effects of mating age and mate age on lifespan and reproduction in a horned beetle	DANIEL MATIAS GONZALEZ TOKMAN	BEHAVIORAL ECOLOGY AND SOCIOBIOLOGY	2022
11	Malnutrition and parasitism shape ecosystem services provided by dung beetles	ALEJANDRO CORDOBA AGUILAR DANIEL MATIAS GONZALEZ TOKMAN Mariana Servin-Pastor et al.	ECOLOGICAL INDICATORS	2021
12	Corrigendum to ?Malnutrition and parasitism shape ecosystem services provided by dung beetles? [Ecol. Indic. 121 (2020) 107205](s1470160x20311444)(10.1016/j.ecolind.2020.107205)	ALEJANDRO CORDOBA AGUILAR DANIEL MATIAS GONZALEZ TOKMAN Servín-Pastor M. et al.	ECOLOGICAL INDICATORS	2021
13	Effect of Chemical Pollution and Parasitism on Heat Tolerance in Dung Beetles (Coleoptera: Scarabaeinae)	DANIEL MATIAS GONZALEZ TOKMAN FERNANDA SOFIA BAENA DIAZ Gil-Pérez Y. et al.	JOURNAL OF ECONOMIC ENTOMOLOGY	2021
14	Heat shock proteins and antioxidants as mechanisms of response to ivermectin in the dung beetle <i>Euoniticellus intermedius</i>	JESUS RAMSES CHAVEZ RIOS FRANCISCO CASTELAN ALEJANDRO CORDOBA AGUILAR et al.	Chemosphere	2021
15	What doesn't kill you makes you stronger: Detoxification ability as a mechanism of honesty in a sexually selected signal	ISAAC GONZALEZ SANTOYO DANIEL MATIAS GONZALEZ TOKMAN MIGUEL TAPIA RODRIGUEZ et al.	FUNCTIONAL ECOLOGY	2021
16	Insect responses to heat: physiological mechanisms, evolution and ecological implications in a warming world	DANIEL MATIAS GONZALEZ TOKMAN ALEJANDRO CORDOBA AGUILAR ROSA ANA SANCHEZ GUILLEN et al.	BIOLOGICAL REVIEWS	2020
17	Negative effects of urbanisation on the physical condition of an endemic dung beetle from a neotropical hotspot	FERNANDA SOFIA BAENA DIAZ DANIEL MATIAS GONZALEZ TOKMAN Salomão R.P. et al.	ECOLOGICAL ENTOMOLOGY	2020
18	Spatial and temporal changes in the dung beetle diversity of a protected, but fragmented, landscape of the northernmost Neotropical rainforest	DANIEL MATIAS GONZALEZ TOKMAN Salomão R.P. Favila M.E.	ECOLOGICAL INDICATORS	2020
19	Energy storage, body size and immune response of herbivore beetles at two different elevations in Costa Rica	DANIEL MATIAS GONZALEZ TOKMAN FERNANDA SOFIA BAENA DIAZ Sarria F.E. et al.	REVISTA DE BIOLOGIA TROPICAL	2019

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20	The larger the damselfly, the more likely to be threatened: a sexual selection approach	ALEJANDRO EMMANUEL GONZALEZ VOYER DANIEL MATIAS GONZALEZ TOKMAN ALEJANDRO CORDOBA AGUILAR et al.	JOURNAL OF INSECT CONSERVATION	2019
21	Contest dynamics for food and reproductive resources are defined by health condition in a dung beetle	DANIEL MATIAS GONZALEZ TOKMAN Salomão R.P. Favila M.E. et al.	Ethology	2019
22	Urbanization effects on dung beetle assemblages in a tropical city	FERNANDA SOFIA BAENA DIAZ DANIEL MATIAS GONZALEZ TOKMAN Salomão R.P. et al.	ECOLOGICAL INDICATORS	2019
23	Enhanced survival of a specialized leaf beetle reveals potential trade-offs with host utilization traits	DANIEL MATIAS GONZALEZ TOKMAN JUAN ENRIQUE FORNONI AGNELLI Bustos-Segura C.	ARTHROPOD-PLANT INTERACTIONS	2019
24	Dung Beetle Body Condition: A Tool for Disturbance Evaluation in Contaminated Pastures	ALEJANDRO CORDOBA AGUILAR DANIEL MATIAS GONZALEZ TOKMAN Villada-Bedoya S. et al.	ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY	2019
25	Landscape structure and composition define the body condition of dung beetles (Coleoptera: Scarabaeinae) in a fragmented tropical rainforest	DANIEL MATIAS GONZALEZ TOKMAN Portela Salomão R. Dáttilo W. et al.	ECOLOGICAL INDICATORS	2018
26	Trans-generational effects of ivermectin exposure in dung beetles	FERNANDA SOFIA BAENA DIAZ DANIEL MATIAS GONZALEZ TOKMAN Martínez-M I. et al.	Chemosphere	2018
27	Success or failure: The role of ecological restoration on the recovery of dung beetle diversity and function in a tropical rainforest	DANIEL MATIAS GONZALEZ TOKMAN ALFONSO VALIENTE BANUET Cultid-Medina C. et al.	Revista Mexicana De Biodiversidad	2018
28	Healthier or bigger? Trade-off mediating male dimorphism in the black scavenger fly <i>Sepsis thoracica</i> (Diptera: Sepsidae)	DANIEL MATIAS GONZALEZ TOKMAN Busso J.P. Blanckenhorn W.U.	ECOLOGICAL ENTOMOLOGY	2017
29	Effects of an herbicide on physiology, morphology, and fitness of the dung beetle <i>Euoniticellus intermedius</i> (Coleoptera: Scarabaeidae)	DANIEL MATIAS GONZALEZ TOKMAN ARODI MONTSERRAT FARRERA RIOS Martinez-Morales, Imelda et al.	ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY	2017
30	The combination of the functionalities of feedback circuits is determinant for the attractors' number and size in pathway-like Boolean networks	STALIN MUÑOZ GUTIERREZ DANIEL MATIAS GONZALEZ TOKMAN MARIANA ESTHER MARTINEZ SANCHEZ et al.	SCIENTIFIC REPORTS	2017
31	Ivermectin alters reproductive success, body condition and sexual trait expression in dung beetles	DANIEL MATIAS GONZALEZ TOKMAN ROBERTO EDMUNDO MUNGUIA STEYER Imelda Martinez, M. et al.	Chemosphere	2017

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32	Erratum: The combination of the functionalities of feedback circuits is determinant for the attractors' number and size in pathway-like Boolean networks	DANIEL MATIAS GONZALEZ TOKMAN MARIANA ESTHER MARTINEZ SANCHEZ DAVID ARTURO ROSENBLUETH LAGUETTE et al.	SCIENTIFIC REPORTS	2017
33	Immune Priming, Fat Reserves, Muscle Mass and Body Weight of the House Cricket is Affected by Diet Composition	ROBERTO EDMUNDO MUNGUIA STEYER Cordoba-Aguilar, A. Nava-Sanchez, A. et al.	Neotropical Entomology	2016
34	Effect of ecological restoration on body condition of a predator	DANIEL MATIAS GONZALEZ TOKMAN Martínez-Garza C.	PLOS ONE	2015
35	Does mating activity impair phagocytosis-mediated priming immune response? A test using the house cricket, Acheta domesticus	Adriana NavaSanchez DANIEL MATIAS GONZALEZ TOKMAN ROBERTO EDMUNDO MUNGUIA STEYER et al.	ACTA ETHOLOGICA	2015
36	The Behavioral and Physiological Ecology of Adult Rubyspot Damselflies (Hetaerina, Calopterygidae, Odonata)	ALEJANDRO CORDOBA AGUILAR DANIEL MATIAS GONZALEZ TOKMAN	Advances in the Study of Behavior	2014
37	A mismatch between the perceived fighting signal and fighting ability reveals survival and physiological costs for bearers	Isaac Gonzalez Santoyo DANIEL MATIAS GONZALEZ TOKMAN ROBERTO EDMUNDO MUNGUIA STEYER et al.	PLOS ONE	2014
38	Cuticular antifungals in spiders: Density- and condition dependence	DANIEL MATIAS GONZALEZ TOKMAN Ruch, Jasmin Pulpitel, Tamara et al.	PLOS ONE	2014
39	Allometry of Male Grasping Apparatus in Odonates Does Not Suggest Physical Coercion of Females	ALEJANDRO CORDOBA AGUILAR MIGUEL RIVAS DURO ANGELA NAVA BOLAÑOS et al.	JOURNAL OF INSECT BEHAVIOR	2014
40	The pattern of nipple use before weaning among littermates of the domestic dog	Marise T. Elizalde DANIEL MATIAS GONZALEZ TOKMAN ROBYN ELIZABETH HUDSON et al.	Ethology	2013
41	Mating success and energetic condition effects driven by terminal investment in territorial males of a short-lived invertebrate	DANIEL MATIAS GONZALEZ TOKMAN Isaac Gonzalez Santoyo ALEJANDRO CORDOBA AGUILAR	FUNCTIONAL ECOLOGY	2013
42	Effect of juvenile hormone on senescence in males with terminal investment	DANIEL MATIAS GONZALEZ TOKMAN I. Gonzalez Santoyo R. Munguia Steyer et al.	JOURNAL OF EVOLUTIONARY BIOLOGY	2013
43	NO FIRM EVIDENCE OF IMMUNOLOGICAL COSTS OF INSECT OVIPOSITION AND COPULATION: A TEST WITH DRAGONFLIES (ZYGOPTERA)	ALEJANDRO CORDOBA AGUILAR D. Ruiz Silva DANIEL MATIAS GONZALEZ TOKMAN et al.	Odonatologica	2012
44	Effect of juvenile hormone analog in a natural host-parasite system	DANIEL MATIAS GONZALEZ TOKMAN ALEJANDRO CORDOBA AGUILAR Forbes, Mark R.	EVOLUTIONARY ECOLOGY	2012

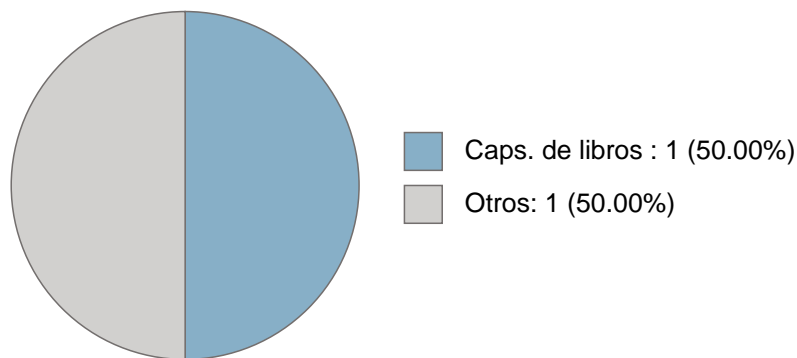
**DANIEL MATIAS GONZALEZ TOKMAN**

45	SUPPORT FOR THE IMMUNOCOMPETENCE HANDICAP HYPOTHESIS IN THE WILD: HORMONAL MANIPULATION DECREASES SURVIVAL IN SICK DAMSELFLIES	DANIEL MATIAS GONZALEZ TOKMAN Roberto Munguía Steyer Isaac Gonzalez Santoyo et al.	Evolution	2012
46	MALE HARASSMENT AND FEMALE ENERGETICS IN THE TERRITORIAL DAMSELFLY HETAERINA AMERICANA (FABRICIUS) (ZYGOPTERA: CALOPTERYGIDAE)	ALEJANDRO CORDOBA AGUILAR DANIEL MATIAS GONZALEZ TOKMAN	Odonatologica	2011
47	Infection effects on feeding and territorial behaviour in a predatory insect in the wild	DANIEL MATIAS GONZALEZ TOKMAN ALEJANDRO CORDOBA AGUILAR I. Gonzalez Santoyo et al.	ANIMAL BEHAVIOUR	2011
48	Survival after experimental manipulation in the territorial damselfly Hetaerina titia (Odonata: Calopterygidae): more ornamented males are not more pathogen resistant	DANIEL MATIAS GONZALEZ TOKMAN ALEJANDRO CORDOBA AGUILAR	JOURNAL OF ETHOLOGY	2010
49	Phenoloxidase activity and melanization do not always covary with sexual trait expression in Hetaerina damselflies (Insecta: Calopterygidae)	I. Gonzalez Santoyo ALEJANDRO CORDOBA AGUILAR DANIEL MATIAS GONZALEZ TOKMAN et al.	Behaviour	2010
50	Territorial damselflies do not show immunological priming in the wild	DANIEL MATIAS GONZALEZ TOKMAN Isaac Gonzalez Santoyo ALEJANDRO CORDOBA AGUILAR et al.	PHYSIOLOGICAL ENTOMOLOGY	2010
51	Nipple Preference and Contests in Suckling Kittens of the Domestic Cat Are Unrelated to Presumed Nipple Quality	ROBYN ELIZABETH HUDSON Gina Raihani DANIEL MATIAS GONZALEZ TOKMAN et al.	DEVELOPMENTAL PSYCHOBIOLOGY	2009
52	Olfactory Guidance of Nipple Attachment and Suckling in Kittens of the Domestic Cat: Inborn and Learned Responses	Gina Raihani DANIEL MATIAS GONZALEZ TOKMAN Lourdes Arteaga et al.	DEVELOPMENTAL PSYCHOBIOLOGY	2009
53	Heritable responses to combined effects of heat stress and ivermectin in the yellow dung fly	DANIEL MATIAS GONZALEZ TOKMAN Bauerfeind S.S. Schäfer M.A. et al.	Chemosphere	

**DANIEL MATIAS GONZALEZ TOKMAN**

**LIBROS Y CAPITULOS CON ISBN**

**Obras con registro ISBN**



#	Título	Autores	Alcance	Año	ISBN
1	Insect Behavior From mechanisms to ecological and evolutionary consequences Introduction	DANIEL MATIAS GONZALEZ TOKMAN ISAAC GONZALEZ SANTOYO ALEJANDRO CORDOBA AGUILAR	Editorial Material	2018	9780198797517
2	Female choice in damselflies and dragonflies	ANGELA NAVA BOLAÑOS ALEJANDRO CORDOBA AGUILAR DANIEL MATIAS GONZALEZ TOKMAN et al.	Capítulo de un Libro	2015	9783319178943



**Sistema Integral de Información Académica**  
**Coordinación de Planeación, Evaluación y**  
**Simplificación de la Gestión Institucional**  
**Reporte individual**



**DANIEL MATIAS GONZALEZ TOKMAN**

**PARTICIPACIÓN EN PROYECTOS**

**No se encuentran registros en la base de datos de SISEPRO asociados a:**

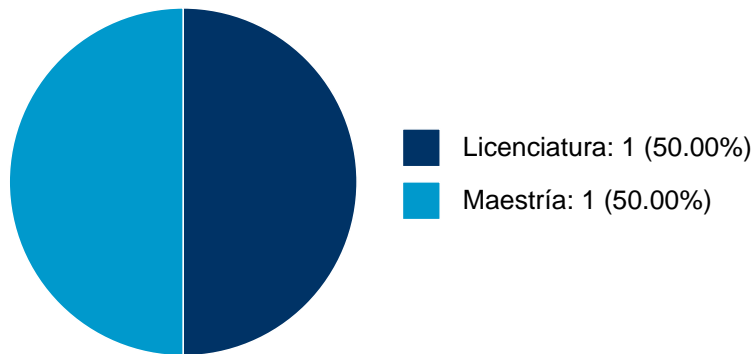
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**DANIEL MATIAS GONZALEZ TOKMAN**

**PARTICIPACIÓN EN TESIS**

**Histórico de Colaboraciones en Tesis**

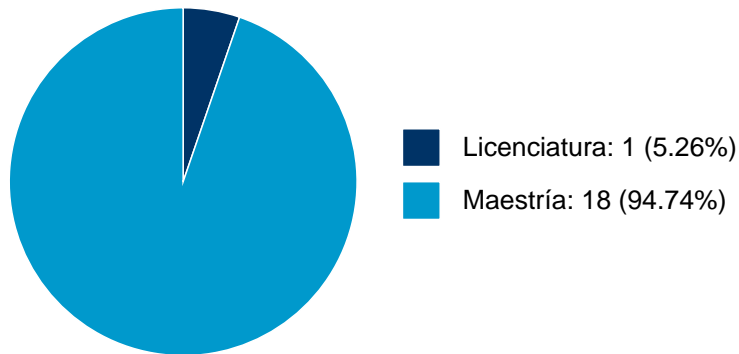


#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Efecto de la condición fisiológica sobre la conducta de remoción de estiércol en escarabajos del estiércol (Coleoptera: scarabaeinae) de distintos ambientes = Malnutrition and parasitism shape ecosystem services provided by dung beetles	Tesis de Maestría	ALEJANDRO CORDOBA AGUILAR,	DANIEL MATIAS GONZALEZ TOKMAN, Servin Pastor, Mariana,	Instituto de Ecología,	2021
2	Inversión terminal en machos de hetaerina americana (Odonata: calopterygidae) : papel de la hormona juvenil en la conducta y la fisiología	Tesis de Licenciatura	DANIEL MATIAS GONZALEZ TOKMAN,	Soto López, Rodrigo Juan,	Facultad de Ciencias,	2014

**DANIEL MATIAS GONZALEZ TOKMAN**

**DOCENCIA IMPARTIDA**

**Histórico de docencia**



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TRABAJO DE INVESTIGACIÓN II	Facultad de Ciencias	1	2020-1
2	Maestría	TRABAJO DE INVESTIGACIÓN I	Facultad de Ciencias	1	2019-2
3	Maestría	ECOLOGÍA CONDUCTUAL	Facultad de Ciencias	9	2019-1
4	Maestría	TRABAJO DE INVESTIGACION IV	Facultad de Ciencias	1	2018-2
5	Maestría	TRABAJO DE INVESTIGACION IV	Facultad de Ciencias	1	2018-2
6	Maestría	TEMAS SELECTOS,CONDUCTA EN INSECTOS: DE LOS MECANISMOS A SUS REPERCUSIONES ECOLOGICAS Y EVOLUTIVAS	Facultad de Ciencias	2	2018-1
7	Maestría	TEMAS SELECTOS,CONDUCTA EN INSECTOS: DE LOS MECANISMOS A SUS REPERCUSIONES ECOLOGICAS Y EVOLUTIVAS	Facultad de Ciencias	2	2018-1
8	Maestría	TRABAJO DE INVESTIGACION III	Facultad de Ciencias	1	2018-1
9	Maestría	TRABAJO DE INVESTIGACION III	Facultad de Ciencias	1	2018-1
10	Maestría	TRABAJO DE INVESTIGACIÓN II	Facultad de Ciencias	1	2017-2
11	Maestría	TRABAJO DE INVESTIGACIÓN II	Facultad de Ciencias	1	2017-2
12	Maestría	TRABAJO DE INVESTIGACIÓN IV	Facultad de Ciencias	1	2017-2
13	Maestría	TRABAJO DE INVESTIGACION I-393777	Facultad de Ciencias	1	2017-1
14	Maestría	TRABAJO DE INVESTIGACION I-393834	Facultad de Ciencias	1	2017-1
15	Maestría	TRABAJO DE INVESTIGACION III-393943	Facultad de Ciencias	1	2017-1
16	Maestría	TRABAJO DE INVESTIGACION II	Facultad de Ciencias	1	2016-2
17	Maestría	ECOLOGIA EVOLUTIVA	Facultad de Ciencias	8	2016-2



**Sistema Integral de Información Académica**  
**Coordinación de Planeación, Evaluación y**  
**Simplificación de la Gestión Institucional**  
**Reporte individual**



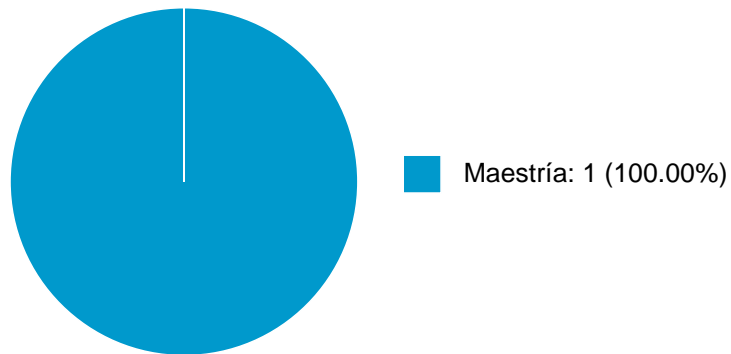
**DANIEL MATIAS GONZALEZ TOKMAN**

18	Maestría	TRABAJO DE INVESTIGACION I	Facultad de Ciencias	1	2016-1
19	Licenciatura	BIOESTADISTICA	Facultad de Ciencias	11	2014-1

**DANIEL MATIAS GONZALEZ TOKMAN**

**TUTORIAS EN POSGRADO**

**Histórico de tutorías en posgrado**



#	Entidad	Nivel	Plan de estudios	Año	Semestre
1	Instituto de Ecología	Maestría	Maestría en Ciencias Biológicas	2017	2017-2



**Sistema Integral de Información Académica**  
**Coordinación de Planeación, Evaluación y**  
**Simplificación de la Gestión Institucional**  
**Reporte individual**



**DANIEL MATIAS GONZALEZ TOKMAN**

**PATENTES**

**No se encuentran registros en la base de datos de patentes asociados a:**

**DANIEL MATIAS GONZALEZ TOKMAN**

**DANIEL MATIAS GONZALEZ TOKMAN**

**FUENTES DE INFORMACIÓN**

**Internos**

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2024
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2024
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2024
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

**Externos**

#	Información	Fuente	Sistema	Periodo
8	Documentos Indexados	Elsevier	Scopus	2008-2024
9	Documentos Indexados	Thomson Reuters	WoS	2008-2024
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2024
11	Patentes	IMPI	SIGA	2008-2024