Message

From: Thompson, Pamela [Thompson.Pamela@epa.gov]
Sent: 4/14/2020 9:16:08 PM
To: Sappington, Keith [Sappington.Keith@epa.gov]; Farruggia, Frank [Farruggia.Frank@epa.gov]
CC: Steeger, Thomas [Steeger.Thomas@epa.gov]
Subject: RE: Ecotoxicology

No worries, about the name mistake, Keith! Holly and I actually have a lot in common, we both studied nocturnal pollinators (moths and bats)...And thanks for your input on the journal selection!

Here are a few notes:
1. PLoS One: $1695 for an article; they don't subscribe to impact factors.
They say they do accept "systematic reviews" which is their term for meta-analyses:
https://gcc01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fjournals.plos.org%2Fplosone%2Fs%2Fsubmission-guidelines%23loc-systematic-reviews-and-meta-analyses&data=02%7C01%7CFarruggia.Frank%40epa.gov%7C6d92604b915b422928de08d7e0b90cc2%7C88b378b367484867acf976aacbeca6a7%7C0%7C0%7C637224957689225882&sdata=9jCLy8raT7Ohguse3kkXHGXoZaIkrb%2B47EALfsJ%2BuR4%3D&reserved=0. You are supposed to state it is one and submit a checklist/flow chart that shows how many studies you included/excluded when submitting to the journal.
The meta-analysis idea seems close to what we have, except ours is not an analysis of open literature; and this raises a question I have about the paper: Are the studies and DERs public facing? Could a non-EPA scientist review the same studies and re-do our analysis? (which is what I think of when I hear open science... which admittedly might not be the same as open access).

2. Ecotoxicology, $3260 for "Open Choice" (Springer Nature), IF=2.634
Accept "mini-reviews", limit 10 pages. Stated scope is "adherence to the underlying theme of quantifying the effect of toxic chemicals on populations, communities and ecosystems.", so not sure it totally works, but maybe they won't mind.

3. IEAM, $3000 for "Online Open" (Wiley), and SETAC members receive a 20% discount on open access fees.
IF= 3.22
Accepts "Critical Reviews", limit is 60 double-spaced pages. Scope seems very on-target for regulatory science.

Thanks,
Pam

-----Original Message-----
From: Sappington, Keith <Sappington.Keith@epa.gov>
Sent: Tuesday, April 14, 2020 11:59 AM
To: Farruggia, Frank <Farruggia.Frank@epa.gov>; Thompson, Pamela <Thompson.Pamela@epa.gov>
Cc: Steeger, Thomas <Steeger.Thomas@epa.gov>
Subject: RE: Ecotoxicology

Oops, Sorry Pam!!! I just finished a call with Holly and conflated your names!!!

But yes, there are many applicable journals out there and I feel that picking the journal to submit probably depends on not just alignment of the journal with the topic (regulatory science) but also likely audience, accessibility and likelihood of getting the paper accepted.

Let me know if I can do anything else.

Best,

Keith

-----Original Message-----
From: Farruggia, Frank <Farruggia.Frank@epa.gov>
Sent: Tuesday, April 14, 2020 11:51 AM
To: Sappington, Keith <Sappington.Keith@epa.gov>; Thompson, Pamela <Thompson.Pamela@epa.gov>
Cc: Steeger, Thomas <Steeger.Thomas@epa.gov>
Subject: RE: Ecotoxicology

Thanks Keith,

Pam and I will look through the suggestions and propose two to reach out to editors on. Thanks to you and Tom for your input today.

Frank

-----Original Message-----
From: Sappington, Keith <Sappington.Keith@epa.gov>

Sent: Tuesday, April 14, 2020 11:50 AM
To: Farruggia, Frank <Farruggia.Frank@epa.gov>; Thompson, Pamela <Thompson.Pamela@epa.gov>
Cc: Steeger, Thomas <Steeger.Thomas@epa.gov>
Subject: Ecotoxicology

Hey Frank and Holly,

I pulled up Ecotoxicology in Web of Science and searched "honey bee"; below are the results so you can see the type of bee papers being published. Their guidelines do include "reviews"

If I were ranking the three journals being discussed today in terms of readership and reaching the widest audience, it would be:
1. PLoS ONE,
https://gcc01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fjournals.plos.org%2Fplosone%2Fs%2Fcriteria-for-publication&data=02%7C01%7CFarruggia.Frank%40epa.gov%7C6d92604b915b422928de08d7e0b90cc2%7C88b378b367484867acf976aacbeca6a7%7C0%7C0%7C637224957689225882&sdata=o3ffYFIuE9rrwB30Nlu2SWtk75ZhkkVelAd%2BESmJMno%3D&reserved=0
2. Ecotoxicology
https://gcc01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.springer.com%2Fjournal%2F10646&data=02%7C01%7CFarruggia.Frank%40epa.gov%7C6d92604b915b422928de08d7e0b90cc2%7C88b378b367484867acf976aacbeca6a7%7C0%7C0%7C637224957689225882&sdata=MhoTiRJoKrYCUoZDqNZ5zDqd%2BNXcc%2F6f3ns363mq%2Bn4%3D&reserved=0
3. IEAM

Note: IEAM is not indexed in Web of Science; so it does not come up on searches. Also, PLoS ONE says they will not consider "reviews". Our paper would not be a typical review, you might need to see if they publish metaanalysis. PLoS ONE is a high impact journal and it may be hard to get published in it.

Lastly, there is also a journal called "Ecotoxicology and Environmental Safety"....which I have seen often, though it seems a bit broader than "Ecotoxicology"
https://gcc01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.journals.elsevier.com%2Fecotoxicology-and-environmental-safety&data=02%7C01%7CFarruggia.Frank%40epa.gov%7C6d92604b915b422928de08d7e0b90cc2%7C88b378b367484867acf976aacbeca6a7%7C0%7C0%7C637224957689225882&sdata=WH8OzLsIrV3rIZAE6mHb4SxhW5Tux7yb8e%2FxJ%2BrZ9Es%3D&reserved=0

Hope this helps.

Best,

Keith
-----Original Message-----
From: noreply@webofscience.com <noreply@webofscience.com>
Sent: Tuesday, April 14, 2020 11:36 AM
To: Sappington, Keith <Sappington.Keith@epa.gov>
Subject: Web of Science

Notes: Web of Science

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FN Clarivate Analytics Web of Science
VR 1.0

PT J
AU Padilha, AC
   Piovesan, B
   Morais, MC
   Pazini, JD
   Zotti, MJ
   Botton, M
   Grutzmacher, AD
AF Padilha, A. C.
   Piovesan, B.
   Morais, M. C.
   Pazini, J. de B.
   Zotti, M. J.
   Botton, M.
   Grutzmacher, A. D.
TI Toxicity of insecticides on Neotropical stingless bees Plebeia emerina
   (Friese) and Tetragonisca fiebrigi (Schwarz) (Hymenoptera: Apidae:
   Meliponini)
SO ECOTOXICOLOGY
RI Padilha, Aline Costa/AAJ-8721-2020; de Bastos Pazini,
   Juliano/G-8542-2017
OI Padilha, Aline Costa/0000-0003-1266-9310;
SN 0963-9292

EI 1573-3017
PD JAN
PY 2020
VL 29
IS 1
BP 119
EP 128
DI 10.1007/s10646-019-02150-x
EA DEC 2019
UT WOS:000503653500001
PM 31863232
ER

PT J
AU Jacob, CRO
Malaquias, JB
Zanardi, OZ
Silva, CAS
Jacob, JFO
Yamamoto, PT
AF Jacob, Cynthia R. O.
Malaquias, Jose B.
Zanardi, Odimar Z.
Silva, Carina A. S.
Jacob, Jessica F. O.
Yamamoto, Pedro T.
TI Oral acute toxicity and impact of neonicotinoids on Apis mellifera L.
and Scaptotrigona postica Latreille (Hymenoptera: Apidae) SO ECOTOXICOLOGY
RI Yamamoto, Pedro/C-5069-2012
OI Yamamoto, Pedro/0000-0001-8993-371X
SN 0963-9292
EI 1573-3017
PD SEP
PY 2019
VL 28
IS 7
BP 744
EP 753
DI 10.1007/s10646-019-02070-w
UT WOS:000484610700003
PM 31254187
ER

PT J
AU Han, WS
Yang, YM
Gao, JL
Zhao, DX
Ren, CC
Wang, SJ
Zhao, S
Zhong, YH
AF Han, Wensu
Yang, Yemeng
Gao, Jinglin
Zhao, Dongxiang
Ren, Chengcai
Wang, Shijie
Zhao, Shan
Zhong, Yihai
TI Chronic toxicity and biochemical response of Apis cerana cerana
(Hymenoptera: Apidae) exposed to acetamiprid and propiconazole alone or
combined
SO ECOTOXICOLOGY
SN 0963-9292
EI 1573-3017
PD MAY
PY 2019
VL 28
IS 4
BP 399
EP 411
DI 10.1007/s10646-019-02030-4
UT WOS:000467546400003
PM 30874992
ER

PT J

AU Sappington, JD
AF Sappington, James D.
TI Imidacloprid alters ant sociobehavioral traits at environmentally
relevant concentrations
SO ECOTOXICOLOGY
SN 0963-9292
EI 1573-3017
PD NOV
PY 2018
VL 27
IS 9
BP 1179
EP 1187
DI 10.1007/s10646-018-1976-7
UT WOS:000448152800001
PM 30187359
ER

PT J
AU Siede, R
Meixner, MD
Almanza, MT
Schoning, R
Maus, C
Buchler, R
AF Siede, Reinhold
Meixner, Marina D.
Almanza, Maria T.
Schoening, Ralf
Maus, Christian
Buechler, Ralph
TI A long-term field study on the effects of dietary exposure of
clothianidin to varroosis-weakened honey bee colonies SO ECOTOXICOLOGY
RI Buchler, Ralph/AAI-3540-2020
SN 0963-9292
EI 1573-3017
PD SEP
PY 2018
VL 27
IS 7
SI SI
BP 772
EP 783
DI 10.1007/s10646-018-1937-1
UT WOS:000442997800003
PM 29725884
ER

PT J
AU Odemer, R
Nilles, L
Linder, N
Rosenkranz, P
AF Odemer, Richard
Nilles, Lisa
Linder, Nadine
Rosenkranz, Peter
TI Sublethal effects of clothianidin and Nosema spp. on the longevity and
foraging activity of free flying honey bees SO ECOTOXICOLOGY
RI Odemer, Richard/C-5363-2018
OI Odemer, Richard/0000-0003-2230-4294
SN 0963-9292
EI 1573-3017
PD JUL
PY 2018
VL 27
IS 5
BP 527
EP 538
DI 10.1007/s10646-018-1925-5
UT WOS:000435835700004
PM 29556938
ER

PT J
AU Codling, G
Al Naggar, Y
Giesy, JP

Robertson, AJ
AF Codling, Garry
Al Naggar, Yahya
Giesy, John P.
Robertson, Albert J.
TI Neonicotinoid insecticides in pollen, honey and adult bees in colonies of the European honey bee (Apis mellifera L.) in Egypt SO ECOTOXICOLOGY
OI Alnaggar, Yahya/0000-0002-8111-918X; Codling, Garry/0000-0002-5299-6028
SN 0963-9292
EI 1573-3017
PD MAR
PY 2018
VL 27
IS 2
BP 122
EP 131
DI 10.1007/s10646-017-1876-2
UT WOS:000425758800003
PM 29143171
ER

PT J
AU Phelps, JD
Strang, CG
Gbylik-Sikorska, M
Sniegocki, T
Posyniak, A
Sherry, DF
AF Phelps, Jordan D.
Strang, Caroline G.
Gbylik-Sikorska, Malgorzata
Sniegocki, Tomasz
Posyniak, Andrzej
Sherry, David F.
TI Imidacloprid slows the development of preference for rewarding food sources in bumblebees (Bombus impatiens) SO ECOTOXICOLOGY
RI Sherry, David F/B-2551-2014
OI Sherry, David F/0000-0001-6623-2232; Sniegocki, Tomasz/0000-0003-3564-3279
SN 0963-9292
EI 1573-3017
PD MAR
PY 2018
VL 27
IS 2
BP 175
EP 187
DI 10.1007/s10646-017-1883-3
UT WOS:000425758800008
PM 29273854
ER

PT J
AU Bailey, RA
Greenwood, JJD
AF Bailey, R. A.
Greenwood, J. J. D.
TI Effects of neonicotinoids on Bees: an invalid experiment SO ECOTOXICOLOGY SN 0963-9292 EI 1573-3017 PD JAN PY 2018 VL 27 IS 1 BP 1 EP 7 DI 10.1007/s10646-017-1877-1 UT WOS:000419679500001 PM 29138969 ER

PT J
AU Heimbach, F
Gao, ZL
Blenau, W
Ratte, HT
AF Heimbach, Fred
Gao, Zhenglei
Blenau, Wolfgang
Ratte, Hans-Toni
TI Large-scale monitoring of effects of clothianidin-dressed oilseed rape seeds on pollinating insects in Northern Germany: justification of study design and statistical analysis
SO ECOTOXICOLOGY
RI Blenau, Wolfgang/A-4304-2010
OI Blenau, Wolfgang/0000-0002-6874-4730
SN 0963-9292
EI 1573-3017
PD JAN

PY 2018
VL 27
IS 1
BP 8
EP 11
DI 10.1007/s10646-017-1878-0
UT WOS:000419679500002
PM 29147821
ER

PT J
AU de Mattos, IM
   Soares, AEE
   Tarpy, DR
AF de Mattos, Igor Medici
   Soares, Ademilson E. E.
   Tarpy, David R.
TI Mitigating effects of pollen during paraquat exposure on gene expression
   and pathogen prevalence in Apis mellifera L SO ECOTOXICOLOGY
OI Tarpy, David/0000-0001-8601-6094
SN 0963-9292
EI 1573-3017
PD JAN
PY 2018
VL 27
IS 1
BP 32
EP 44
DI 10.1007/s10646-017-1868-2
UT WOS:000419679500005
PM 29067534
ER

PT J
AU Abdu-Allah, GAM
   Pittendrigh, BR
AF Abdu-Allah, Gamal A. M.
   Pittendrigh, Barry R.
TI Lethal and sub-lethal effects of select macrocyclic lactones
   insecticides on forager worker honey bees under laboratory experimental
   conditions
SO ECOTOXICOLOGY
SN 0963-9292
EI 1573-3017
PD JAN
PY 2018
VL 27
IS 1
BP 81
EP 88
DI 10.1007/s10646-017-1872-6
UT WOS:000419679500009
PM 29134493
ER

PT J
AU Sanchez-Bayo, F
   Belzunces, L
   Bonmatin, JM
AF Sanchez-Bayo, Francisco
   Belzunces, Luc
   Bonmatin, Jean-Marc
TI Lethal and sublethal effects, and incomplete clearance of ingested
   imidacloprid in honey bees (Apis mellifera) SO ECOTOXICOLOGY
RI Serrano, Jose/A-2854-2009; , Belzunces/P-7061-2019
OI Serrano, Jose/0000-0002-1565-5216; , Belzunces/0000-0003-1798-9962
SN 0963-9292
EI 1573-3017
PD NOV
PY 2017
VL 26
IS 9
BP 1199
EP 1206
DI 10.1007/s10646-017-1845-9
UT WOS:000414070300005
PM 28831701
ER

PT J
AU Szentgyorgyi, H
Moron, D
Nawrocka, A
Tofilski, A
Woyciechowski, M
AF Szentgyorgyi, Hajnalka
Moron, Dawid
Nawrocka, Anna
Tofilski, Adam
Woyciechowski, Michal
TI Forewing structure of the solitary bee Osmia bicornis developing on heavy metal pollution gradient
SO ECOTOXICOLOGY
RI Szentgyorgyi, Hajnalka/AAK-2579-2020; Moron, Dawid/A-8595-2010
OI Szentgyorgyi, Hajnalka/0000-0002-5753-800X; Moron, Dawid/0000-0003-3692-7855
SN 0963-9292
EI 1573-3017
PD OCT
PY 2017
VL 26
IS 8
BP 1031
EP 1040
DI 10.1007/s10646-017-1831-2
UT WOS:000412308100003
PM 28689226
ER

PT J
AU Chen, XD
Gill, TA
Pelz-Stelinski, KS
Stelinski, LL
AF Chen, Xue Dong
Gill, Torrence A.
Pelz-Stelinski, Kirsten S.
Stelinski, Lukasz L.
TI Risk assessment of various insecticides used for management of Asian citrus psyllid, Diaphorina citri in Florida citrus, against honey bee, Apis mellifera
SO ECOTOXICOLOGY
SN 0963-9292
EI 1573-3017
PD APR
PY 2017
VL 26
IS 3
BP 351
EP 359
DI 10.1007/s10646-017-1768-5
UT WOS:000399817400007
PM 28116643
ER

PT J
AU Gong, YH
Diao, QY
AF Gong, Youhui
Diao, Qingyun
TI Current knowledge of detoxification mechanisms of xenobiotic in honey bees
SO ECOTOXICOLOGY
SN 0963-9292
EI 1573-3017
PD JAN
PY 2017
VL 26
IS 1
BP 1
EP 12
DI 10.1007/s10646-016-1742-7
UT WOS:000393028400001
PM 27819118
ER

PT J
AU Schmuck, R
   Lewis, G
AF Schmuck, Richard
   Lewis, Gavin
TI Review of field and monitoring studies investigating the role of
   nitro-substituted neonicotinoid insecticides in the reported losses of
   honey bee colonies (Apis mellifera)
SO ECOTOXICOLOGY
SN 0963-9292
EI 1573-3017
PD NOV
PY 2016
VL 25
IS 9
SI SI
BP 1617
EP 1629
DI 10.1007/s10646-016-1734-7
UT WOS:000387355900001
PM 27709399
ER

PT J
AU Rolke, D
   Fuchs, S
   Grunewald, B
   Gao, ZL
   Blenau, W
AF Rolke, Daniel
   Fuchs, Stefan
   Gruenewald, Bernd
   Gao, Zhenglei
   Blenau, Wolfgang
TI Large-scale monitoring of effects of clothianidin-dressed oilseed rape
   seeds on pollinating insects in Northern Germany: effects on honey bees
   (Apis mellifera)
SO ECOTOXICOLOGY
RI Blenau, Wolfgang/A-4304-2010; Grunewald, Bernd/G-2060-2012
OI Blenau, Wolfgang/0000-0002-6874-4730
SN 0963-9292
EI 1573-3017
PD NOV
PY 2016
VL 25
IS 9
SI SI
BP 1648
EP 1665
DI 10.1007/s10646-016-1725-8
UT WOS:000387355900003
PM 27644949
ER

PT J
AU Rolke, D
   Persigehl, M
   Peters, B
   Sterk, G
   Blenau, W
AF Rolke, Daniel
   Persigehl, Markus
   Peters, Britta
   Sterk, Guido
   Blenau, Wolfgang
TI Large-scale monitoring of effects of clothianidin-dressed oilseed rape
   seeds on pollinating insects in northern Germany: residues of
   clothianidin in pollen, nectar and honey SO ECOTOXICOLOGY
RI Blenau, Wolfgang/A-4304-2010
OI Blenau, Wolfgang/0000-0002-6874-4730
SN 0963-9292
EI 1573-3017
PD NOV
PY 2016
VL 25
IS 9
SI SI
BP 1691

EP 1701
DI 10.1007/s10646-016-1723-x
UT WOS:000387355900006
PM 27650369
ER

PT J
AU Switzer, CM
Combes, SA
AF Switzer, Callin M.
Combes, Stacey A.
TI The neonicotinoid pesticide, imidacloprid, affects Bombus impatiens
(bumblebee) sonication behavior when consumed at doses below the LD50 SO ECOTOXICOLOGY SN 0963-9292 EI
1573-3017 PD AUG PY 2016 VL 25 IS 6 BP 1150 EP 1159 DI 10.1007/s10646-016-1669-z UT WOS:000379031600009
PM 27189613 ER

PT J
AU Alayrangues, J
Hotier, L
Massou, I
Bertrand, Y
Armengaud, C
AF Alayrangues, Julie
Hotier, Lucie
Massou, Isabelle
Bertrand, Yolaine
Armengaud, Catherine
TI Prolonged effects of in-hive monoterpenoids on the honey bee Apis
mellifera
SO ECOTOXICOLOGY
SN 0963-9292
EI 1573-3017
PD JUL
PY 2016
VL 25
IS 5
BP 856
EP 862
DI 10.1007/s10646-016-1642-x
UT WOS:000376682600002
PM 26965704
ER

PT J
AU Milchreit, K
Ruhnke, H
Wegener, J
Bienefeld, K
AF Milchreit, Kathrin
Ruhnke, Haike
Wegener, Jakob
Bienefeld, Kaspar
TI Effects of an insect growth regulator and a solvent on honeybee (Apis
mellifera L.) brood development and queen viability SO ECOTOXICOLOGY SN 0963-9292 EI 1573-3017 PD APR
PY 2016 VL 25 IS 3 BP 530 EP 537 DI 10.1007/s10646-016-1611-4 UT WOS:000371640000010 PM 26821233 ER

PT J
AU Krainer, S
Brodschneider, R
Vollmann, J
Crailsheim, K
Riessberger-Galle, U
AF Krainer, Sophie
Brodschneider, Robert
Vollmann, Jutta
Crailsheim, Karl
Riessberger-Galle, Ulrike
TI Effect of hydroxymethylfurfural (HMF) on mortality of artificially
reared honey bee larvae (Apis mellifera carnica) SO ECOTOXICOLOGY SN 0963-9292 EI 1573-3017 PD MAR PY
2016 VL 25 IS 2 BP 320 EP 328 DI 10.1007/s10646-015-1590-x UT WOS:000370716000007 PM 26590927 ER

PT J
AU Karahan, A
Cakmak, I
Hranitz, JM
Karaca, I
Wells, H
AF Karahan, Ahmed

Cakmak, Ibrahim
Hranitz, John M.
Karaca, Ismail
Wells, Harrington
TI Sublethal imidacloprid effects on honey bee flower choices when foraging SO ECOTOXICOLOGY
RI KARAHAN, Ahmed/AAI-1135-2020
OI KARAHAN, Ahmed/0000-0002-8600-7507
SN 0963-9292
EI 1573-3017
PD NOV
PY 2015
VL 24
IS 9
BP 2017
EP 2025
DI 10.1007/s10646-015-1537-2
UT WOS:000365757900019
PM 26415950
ER

PT J
AU Arena, M
Sgolastra, F
AF Arena, Maria
Sgolastra, Fabio
TI A meta-analysis comparing the sensitivity of bees to pesticides SO ECOTOXICOLOGY
RI Sgolastra, Fabio/AAG-2839-2019
OI Sgolastra, Fabio/0000-0002-2845-8297
SN 0963-9292
EI 1573-3017
PD APR
PY 2014
VL 23
IS 3
BP 324
EP 334
DI 10.1007/s10646-014-1190-1
UT WOS:000333127600002
PM 24435220
ER

PT J
AU Larson, JL
Redmond, CT
Potter, DA
AF Larson, Jonathan L.
Redmond, Carl T.
Potter, Daniel A.
TI Impacts of a neonicotinoid, neonicotinoid-pyrethroid premix, and
anthranilic diamide insecticide on four species of turf-inhabiting
beneficial insects
SO ECOTOXICOLOGY
RI Serrano, Jose/A-2854-2009
OI Serrano, Jose/0000-0002-1565-5216; Redmond, Carl/0000-0001-6898-8682
SN 0963-9292
EI 1573-3017
PD MAR
PY 2014
VL 23
IS 2
BP 252
EP 259
DI 10.1007/s10646-013-1168-4
UT WOS:000330966000013
PM 24493235
ER

PT J
AU Han, P
Niu, CY
Biondi, A
Desneux, N
AF Han, Peng
Niu, Chang-Ying
Biondi, Antonio
Desneux, Nicolas
TI Does transgenic Cry1Ac+CpTI cotton pollen affect hypopharyngeal gland
development and midgut proteolytic enzyme activity in the honey bee Apis

mellifera L. (Hymenoptera, Apidae)?
SO ECOTOXICOLOGY
RI Han, Peng/Y-4457-2019; BIONDI, Antonio/I-6381-2012; Desneux, Nicolas/J-6262-2013; Han, Peng/E-2514-2013
OI BIONDI, Antonio/0000-0002-1982-7716;
SN 0963-9292
EI 1573-3017
PD NOV
PY 2012
VL 21
IS 8
BP 2214
EP 2221
DI 10.1007/s10646-012-0976-2
UT WOS:000312664900012
PM 22868904
ER

PT J
AU Laycock, I
Lenthall, KM
Barratt, AT
Cresswell, JE
AF Laycock, Ian
Lenthall, Kate M.
Barratt, Andrew T.
Cresswell, James E.
TI Effects of imidacloprid, a neonicotinoid pesticide, on reproduction in worker bumble bees (Bombus terrestris) SO ECOTOXICOLOGY
RI Serrano, Jose/A-2854-2009
OI Serrano, Jose/0000-0002-1565-5216
SN 0963-9292
EI 1573-3017
PD OCT
PY 2012
VL 21
IS 7
BP 1937
EP 1945
DI 10.1007/s10646-012-0927-y
UT WOS:000308235500017
PM 22614036
ER

PT J
AU Blacquiere, T
Smagghe, G
van Gestel, CAM
Mommaerts, V
AF Blacquiere, Tjeerd
Smagghe, Guy
van Gestel, Cornelis A. M.
Mommaerts, Veerle
TI Neonicotinoids in bees: a review on concentrations, side-effects and risk assessment
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