



Nombres:

**MIGUEL GERMÁN**

---

Apellidos:

**KIWI TICHAUER**

---

Contacto (Opcional):

[M.KIWI.T@GMAIL.COM](mailto:M.KIWI.T@GMAIL.COM)

---

Título Profesional o Grado Académico (incluya el año de obtención):

**INGENIERO CIVIL MECÁNICO, UNIVERSIDAD TÉCNICA FEDERICO SANTA MARÍA, VALPARAÍSO, CHILE 1963**

---

Estudios de Postgrado o Especialización (institución donde lo obtuvo y año de obtención):

**PH.D. UNIVERSITY OF VIRGINIA, CHARLOTTESVILLE, USA 1967.**

---

Actividad Actual e Institución en la cual trabaja:

**PROFESOR TITULAR DE LA UNIVERSIDAD DE CHILE. DEPARTAMENTO DE FÍSICA, FACULTAD DE CIENCIAS. PROFESOR TITULAR DE LA PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE. INVESTIGADOR TITULAR DE CENTRO PARA EL DESARROLLO DE LA NANOCIENCIA Y LA NANOTECNOLOGÍA. PREMIO NACIONAL DE CIENCIAS EXACTAS 2007.**

---

Reseña de su actividad laboral actual:

Áreas de Interés:

Estructura y propiedades de nanoclusters metálicos.

Propiedades y aplicaciones de Multicapas magnéticas como sensores.

Comportamientos de nanotubos de carbono llenos de hierro

## **PUBLICACIONES INDEXADAS:**

Muñoz, F., Altbir, D., Kiwi, M., Morán-López, J.L.  
Properties of Fe<sub>8</sub>-NCoN nanoribbons and nanowires: A DFT approach  
(2013) Journal of Magnetism and Magnetic Materials, 339, pp. 75-80.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-84876814477&partnerID=40&md5=65ca9a2d2b647a5ba138d84b6efcce00>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Rogan, J., Ramírez, M., Varas, A., Kiwi, M.  
How relevant is the choice of classical potentials in finding minimal energy cluster conformations?  
(2013) Computational and Theoretical Chemistry, . Article in Press.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-84880604198&partnerID=40&md5=29d4dbc0b5d6b24540a17abbe7f14a9d>  
DOCUMENT TYPE: Article in Press  
SOURCE: Scopus

Muñoz, F., Cardenas, C., Rogan, J., Valdivia, J.A., Fuentealba, P., Kiwi, M.  
Ab initio molecular dynamics simulations of Ti<sub>2</sub> on C 20 collisions and C<sub>20</sub>Ti<sub>2</sub> configurations  
(2013) Journal of Physical Chemistry C, 117 (8), pp. 4287-4291.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-84874603694&partnerID=40&md5=a0df8391452ab6b70606fc4ed15876bc>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Kiwi, M., Muñoz, F., García, G., Ramírez, R., Rogan, J., Valdivia, J.A.  
Nanocluster collisions as a way to understand the role of d-shell polarization  
(2012) Journal of Superconductivity and Novel Magnetism, 25 (7), pp. 2205-2212.  
Cited 1 time.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-84870236730&partnerID=40&md5=22cd8571a41f96d6ec0aacc0fa63f6e8>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

González, R.I., García, G., Ramírez, R., Kiwi, M.  
Role of the substrate dynamics: Iron clusters deposited on an iron slab  
(2011) Surface Science, 605 (23-24), pp. 2061-2066. Cited 1 time.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-80053561435&partnerID=40&md5=68799ac8bb2807fc8c6e94fcf8e69163>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Muñoz, F., Rogan, J., García, G., Valdivia, J.A., Ramírez, R., Kiwi, M.  
The role of d-orbital polarization on rhodium cluster collisions  
(2011) European Physical Journal D, 64 (1), pp. 45-51.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-80455174716&partnerID=40&md5=d879e0d30411793bd8cab56f27272293>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Soza, P., Hansen, F.Y., Taub, H., Kiwi, M., Cisternas, E., Volkmann, U.G., Del Campo, V.

Molecular-dynamics simulation of lateral friction in contact-mode atomic force microscopy of alkane films: The role of molecular flexibility

(2011) EPL, 95 (3), art. no. 36001, .

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-80051761966&partnerID=40&md5=473db22037c19bf5e178c1a03b202b08)

[80051761966&partnerID=40&md5=473db22037c19bf5e178c1a03b202b08](http://www.scopus.com/inward/record.url?eid=2-s2.0-80051761966&partnerID=40&md5=473db22037c19bf5e178c1a03b202b08)

DOCUMENT TYPE: Article

SOURCE: Scopus

González, R.I., García, G., Ramírez, R., Kiwi, M., Valdivia, J.A., Rahman, T.S.

Temperature-dependent properties of 147- and 309-atom iron-gold nanoclusters

(2011) Physical Review B - Condensed Matter and Materials Physics, 83 (15), art. no. 155425, . Cited 1 time.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-79961083403&partnerID=40&md5=f7d35f0889426849dd5a491722074886)

[79961083403&partnerID=40&md5=f7d35f0889426849dd5a491722074886](http://www.scopus.com/inward/record.url?eid=2-s2.0-79961083403&partnerID=40&md5=f7d35f0889426849dd5a491722074886)

DOCUMENT TYPE: Article

SOURCE: Scopus

Muñoz, F., Rogan, J., García, G., Ramírez, M., Valdivia, J.A., Ramírez, R., Kiwi, M.

Collisions between a single gold atom and 13 atom gold clusters: An ab initio approach

(2011) European Physical Journal D, 61 (1), pp. 87-93. Cited 3 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-79551512089&partnerID=40&md5=56397b095f1487e98740525e15e64fa5)

[79551512089&partnerID=40&md5=56397b095f1487e98740525e15e64fa5](http://www.scopus.com/inward/record.url?eid=2-s2.0-79551512089&partnerID=40&md5=56397b095f1487e98740525e15e64fa5)

DOCUMENT TYPE: Article

SOURCE: Scopus

García, G., Kiwi, M., Mejía-López, J., Ramírez, R.

Exchange bias of patterned systems: Model and numerical simulation

(2010) Journal of Magnetism and Magnetic Materials, 322 (21), pp. 3329-3332.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-77955571562&partnerID=40&md5=2f115c2524f56190c7fc098d69fe2136)

[77955571562&partnerID=40&md5=2f115c2524f56190c7fc098d69fe2136](http://www.scopus.com/inward/record.url?eid=2-s2.0-77955571562&partnerID=40&md5=2f115c2524f56190c7fc098d69fe2136)

DOCUMENT TYPE: Article

SOURCE: Scopus

Rogan, J., Ramírez, M., Muñoz, V., Valdivia, J.A., García, G., Ramírez, R., Kiwi, M.

Diversity driven unbiased search of minimum energy cluster configurations

(2009) Journal of Physics Condensed Matter, 21 (8), art. no. 084209, . Cited 5 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-65449158806&partnerID=40&md5=0e158b3c4d111bab7d797303441289f4)

[65449158806&partnerID=40&md5=0e158b3c4d111bab7d797303441289f4](http://www.scopus.com/inward/record.url?eid=2-s2.0-65449158806&partnerID=40&md5=0e158b3c4d111bab7d797303441289f4)

DOCUMENT TYPE: Article

SOURCE: Scopus

Romero, A.H., García, A., Kiwi, M.

Evaluation of the scientific impact, productivity and biological age based upon the h-index in three Latin American countries: The materials science case

(2009) Annalen der Physik (Leipzig), 18 (4), pp. 198-205. Cited 3 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-67649210327&partnerID=40&md5=f3564fe64ef6bf025e57896d48667f62)

[67649210327&partnerID=40&md5=f3564fe64ef6bf025e57896d48667f62](http://www.scopus.com/inward/record.url?eid=2-s2.0-67649210327&partnerID=40&md5=f3564fe64ef6bf025e57896d48667f62)

DOCUMENT TYPE: Article

SOURCE: Scopus

Rogan, J., García, G., Ramírez, M., Muñoz, V., Alejandro Valdivia, J., Andrade, X., Ramírez, R., Kiwi, M.

The structure and properties of small Pd clusters

(2008) Nanotechnology, 19 (20), art. no. 205701, . Cited 3 times.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-42449111305&partnerID=40&md5=7f38c0b0f163f4c0e2d32c187259b40b>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Mata, G.J., Pestana, E., Dreysse, H., Kiwi, M.  
A quantum exchange bias model  
(2007) *Physica B: Condensed Matter*, 398 (2), pp. 262-266.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-34447515742&partnerID=40&md5=a439effea66e2fb291eca2a11f18a8>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Rogan, J., García, G., Loyola, C., Orellana, W., Ramírez, R., Kiwi, M.  
Alternative search strategy for minimal energy nanocluster structures: The case of rhodium, palladium, and silver  
(2006) *Journal of Chemical Physics*, 125 (21), art. no. 214708, . Cited 18 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33845409812&partnerID=40&md5=65fd45b219f2ab0b2cd5617cf0ce7123>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Ramirez, R., Weissmann, M., Garcia, G., Kiwi, M.  
Carbon encapsulated iron nanowires  
(2006) *Materials Science- Poland*, 24 (4), pp. 883-890. Cited 2 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33846303608&partnerID=40&md5=521201be70310782deed137dbac4c554>  
DOCUMENT TYPE: Conference Paper  
SOURCE: Scopus

Mata, G.J., Pestana, E., Kiwi, M., Dreysse, H.  
Quantum fluctuations and the exchange bias field  
(2006) *Physical Review B - Condensed Matter and Materials Physics*, 74 (14), art. no. 144407, . Cited 3 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33749504735&partnerID=40&md5=da24896a6453fe90f4f91bebd409271>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Herrera, B., Valencia, F., Romero, A.H., Kiwi, M., Ramírez, R., Toro-Labbé, A.  
Cubane oligomers: A density functional theory study  
(2006) *Journal of Molecular Structure: THEOCHEM*, 769 (1-3), pp. 183-187. Cited 4 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33748599255&partnerID=40&md5=dad1b84d1c5861bdafa7cc3d0718a512>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Weissmann, M., García, G., Kiwi, M., Ramírez, R., Fu, C.-C.  
Theoretical study of iron-filled carbon nanotubes  
(2006) *Physical Review B - Condensed Matter and Materials Physics*, 73 (12), art. no. 125435, . Cited 48 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33645394579&partnerID=40&md5=187a384cabeb3ee7f7b93a675949d592>  
DOCUMENT TYPE: Article

SOURCE: Scopus

Torres, E.S., Gonçalves, S., Scherer, C., Kiwi, M.  
Nanoscale sliding friction versus commensuration ratio: Molecular dynamics simulations  
(2006) *Physical Review B - Condensed Matter and Materials Physics*, 73 (3), art. no. 035434, . Cited 1 time.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33144465938&partnerID=40&md5=3b69b81e7b893897508390faba0556fa>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Rogan, J., García, G., Valdivia, J.A., Orellana, W., Romero, A.H., Ramírez, R., Kiwi, M.  
Small Pd clusters: A comparison of phenomenological and ab initio approaches  
(2005) *Physical Review B - Condensed Matter and Materials Physics*, 72 (11), art. no. 115421, . Cited 34 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-29744441361&partnerID=40&md5=71a78c20107edb7464bbfe254d812166>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Jensen, P.J., Dreyssé, H., Kiwi, M.  
Magnetic reordering in the vicinity of a ferromagnetic/antiferromagnetic interface  
(2005) *European Physical Journal B*, 46 (4), pp. 541-551. Cited 11 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-24944468101&partnerID=40&md5=d79a8bae593fca741adfd553ee39cc>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Valencia, F., Romero, A.H., Kiwi, M., Ramírez, R., Toro-Labbe, A.  
Polycubanes linked with C 2, N 2, NO, and NS: From insulating to metallic behavior  
(2005) *Physical Review B - Condensed Matter and Materials Physics*, 71 (3), art. no. 033410, .  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-15444379021&partnerID=40&md5=eba719cb4cd2805304e24c1f27663b74>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Valencia, F., Romero, A.H., Kiwi, M., Ramírez, R., Toro-Labbe, A.  
Ab initio study of cubyl chains and networks  
(2004) *Journal of Chemical Physics*, 121 (18), pp. 9172-9177. Cited 4 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-9744236583&partnerID=40&md5=59aa86c8ef52a237c9dcf599b47748b9>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Lederman, D., Ramírez, R., Kiwi, M.  
Monte Carlo simulations of exchange bias of ferromagnetic thin films on FeF 2(110)  
(2004) *Physical Review B - Condensed Matter and Materials Physics*, 70 (18), art. no. 184422, pp. 1-7. Cited 15 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-12344272807&partnerID=40&md5=3a6b8dd893a1c9b9fd2a9a03cdb6b371>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Weissmann, M., García, G., Kiwi, M., Ramírez, R.  
Theoretical study of carbon-coated iron nanowires  
(2004) *Physical Review B - Condensed Matter and Materials Physics*, 70 (20), art. no. 201401, pp. 201401-1-201401-4. Cited 12 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-37649028035&partnerID=40&md5=03986fce5472e292fc0556467ef7ca40>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Vegas, A., Mejía-López, J., Romero, A.H., Kiwi, M., Santamaría-Pérez, D., Baonza, V.G.  
Structural similarities between Ti metal and titanium oxides: Implications on the high-pressure behavior of oxygen in metallic matrices  
(2004) *Solid State Sciences*, 6 (8), pp. 809-814. Cited 6 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-4143078249&partnerID=40&md5=529470b967276e5f4ec2fc0f249a7cd0>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Rogan, J., Ramírez, R., Romero, A.H., Kiwi, M.  
Rearrangement collisions between gold clusters  
(2004) *European Physical Journal D*, 28 (2), pp. 219-228. Cited 21 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-1142266627&partnerID=40&md5=b3510d42c4f616d4c3318a82dc3cc346>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Valencia, F., Romero, A.H., Kiwi, M., Ramírez, R., Toro-Labbé, A.  
Density functional theory study of the Si<sub>2</sub>H<sub>6</sub>-xF<sub>x</sub> series of molecules  
(2003) *Chemical Physics Letters*, 372 (5-6), pp. 815-824. Cited 2 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0038744189&partnerID=40&md5=d377a4b70d42a412da843d15514ca066>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Valencia, F., Romero, A.H., Kiwi, M., Ramírez, R., Toro-Labbé, A.  
Internal rotation of disilane and related molecules: A density functional study  
(2003) *Chemical Physics Letters*, 371 (3-4), pp. 267-275. Cited 11 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0037424812&partnerID=40&md5=79b21e9c98a4b7198403a9e698c39cce>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Kiwi, M.  
Origin of the magnetic proximity effect  
(2002) *Materials Research Society Symposium - Proceedings*, 746, pp. 1-11.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0038131759&partnerID=40&md5=06eb466172edca3ec0e79f8318e0e109>  
DOCUMENT TYPE: Conference Paper  
SOURCE: Scopus

Romero, A.H., Sebastiani, D., Ramírez, R., Kiwi, M.  
Is NMR the tool to characterize the structure of C<sub>20</sub> isomers?  
(2002) *Chemical Physics Letters*, 366 (1-2), pp. 134-140. Cited 13 times.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-0037175372&partnerID=40&md5=440db4cf261d52e22d9b30ad57e291d5>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Romero, A.H., Kiwi, M., Ramírez, R.  
Electronic properties of disilane: An ab initio calculation  
(2002) *Physica Status Solidi (B) Basic Research*, 230 (2), pp. 391-395. Cited 5 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0035994542&partnerID=40&md5=1b82a8d4d2d8bc5892ce8da33b817607>  
DOCUMENT TYPE: Conference Paper  
SOURCE: Scopus

Mejía-López, J., Ramírez, R., Kiwi, M.  
Analytic treatment of the incomplete ferromagnetic domain-wall model for exchange bias  
(2002) *Journal of Magnetism and Magnetic Materials*, 241 (2-3), pp. 364-370. Cited 13 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0036505025&partnerID=40&md5=ab555a4eafe9b0a71378f2718b0b7279>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Iglesias, J.R., Gonçalves, S., Nagel, O.A., Kiwi, M.  
Modeling two-dimensional magnetic domain patterns  
(2002) *Physical Review B - Condensed Matter and Materials Physics*, 65 (6), art. no. 064447, pp. 644471-644478. Cited 10 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0036469761&partnerID=40&md5=c818ac7130e6dd25d73db2a7c0733240>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Iglesias, J.R., Nagel, O.A., Gonçalves, S., Kiwi, M.  
Monte Carlo simulation of a two-dimensional magnetic foam  
(2001) *Journal of Magnetism and Magnetic Materials*, 226-230 (PART I), pp. 548-549. Cited 3 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33748678718&partnerID=40&md5=5d856d681a892d9064ee1856a3deab61>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Kiwi, M., Mejía-López, J., Schuller, I.K., Suhl, H.  
Percolation and magnetism: Interplay and relevance  
(2001) *Journal of Magnetism and Magnetic Materials*, 226-230 (PART I), pp. 626-629.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-78049368238&partnerID=40&md5=c11a9b21f19862f308488a43e7822f71>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Kiwi, M.  
Exchange bias theory  
(2001) *Journal of Magnetism and Magnetic Materials*, 234 (3), pp. 584-595. Cited 421 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0035448536&partnerID=40&md5=5ce4e8c2812a261e52cead68f4314ba9>

DOCUMENT TYPE: Review  
SOURCE: Scopus

Weissmann, M., María Llois, A., Kiwi, M.  
Calculation of the interface exchange coupling constants between Fe and FeF<sub>2</sub>-like fluorides  
(2001) Journal of Magnetism and Magnetic Materials, 234 (1), pp. 19-24. Cited 4 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0035424369&partnerID=40&md5=27a5404b14df283cb0780531f8283802>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Rogan, J., Kiwi, M.  
Spin-wave theory analytic solution of a Heisenberg model with RKKY interactions on a Bethe lattice  
(2001) Solid State Communications, 118 (9), pp. 485-490.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0035978644&partnerID=40&md5=32a161de47680f40ceac677f933fe202>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Mejía-López, J., Ramírez, R., Kiwi, M., Pechan, M.J., Hilt, J.Z., Kim, S., Suhl, H., Schuller, I.K.  
Coercivity of a percolative magnetic system  
(2001) Physical Review B - Condensed Matter and Materials Physics, 63 (6), art. no. 060401, pp. 604011-604014. Cited 2 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0035117274&partnerID=40&md5=4a7e6b15de01e34b0fd505f8a9130cec>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Kiwi, M., Mejía-López, J., Portugal, R.D., Ramírez, R.  
Positive exchange bias model: Fe/FeF<sub>2</sub> and Fe/MnF<sub>2</sub> bilayers  
(2000) Solid State Communications, 116 (6), pp. 315-319. Cited 37 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0343390475&partnerID=40&md5=c1ded2cbe17fb07db0ff28e8d7aa1f59>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Kiwi, M., Mejía-López, J., Portugal, R.D., Ramírez, R.  
Exchange-bias systems with compensated interfaces  
(1999) Applied Physics Letters, 75 (25), pp. 3995-3997. Cited 69 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0000611104&partnerID=40&md5=03f3c6608c2d20042c1ff4c1d8efd56a>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Kiwi, M., Mejía-López, J., Portugal, R.D., Ramírez, R.  
Exchange bias model for Fe/FeF<sub>2</sub>: Role of domains in the ferromagnet  
(1999) Europhysics Letters, 48 (5), pp. 573-579. Cited 78 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0033248399&partnerID=40&md5=08094194e5a86b3c20d7c450799958bd>  
DOCUMENT TYPE: Article  
SOURCE: Scopus



Liebsch, A., Gonçalves, S., Kiwi, M.

Electronic versus phononic friction of xenon on silver

(1999) *Physical Review B - Condensed Matter and Materials Physics*, 60 (7), pp. 5034-5043. Cited 26 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0001568841&partnerID=40&md5=d8c16ad8e07460e23990d6670c6f55d1)

[0001568841&partnerID=40&md5=d8c16ad8e07460e23990d6670c6f55d1](http://www.scopus.com/inward/record.url?eid=2-s2.0-0001568841&partnerID=40&md5=d8c16ad8e07460e23990d6670c6f55d1)

DOCUMENT TYPE: Article

SOURCE: Scopus

Gutiérrez, G., Kiwi, M., Ramírez, R.

Temperature induced disorder in  $\beta$ -Zr

(1998) *Revista Mexicana de Física*, 44 (SUPPL.1), pp. 62-65.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-18944392449&partnerID=40&md5=3226bdd52adfd6b7f1a8b19ae0ee994)

[18944392449&partnerID=40&md5=3226bdd52adfd6b7f1a8b19ae0ee994](http://www.scopus.com/inward/record.url?eid=2-s2.0-18944392449&partnerID=40&md5=3226bdd52adfd6b7f1a8b19ae0ee994)

DOCUMENT TYPE: Article

SOURCE: Scopus

Gonçalves, S., Ramírez, R., Kiwi, M.

Molecular dynamics study of physisorbed xenon on Al(1 1 0)

(1997) *Solid State Communications*, 104 (9), pp. 559-564.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0031357647&partnerID=40&md5=23a379aa5830bd3e5a0ea7613b6ef918)

[0031357647&partnerID=40&md5=23a379aa5830bd3e5a0ea7613b6ef918](http://www.scopus.com/inward/record.url?eid=2-s2.0-0031357647&partnerID=40&md5=23a379aa5830bd3e5a0ea7613b6ef918)

DOCUMENT TYPE: Article

SOURCE: Scopus

Rogan, J., Kiwi, M.

Spin-wave-theory analytic solution of a Heisenberg model with long-range interactions on a Bethe lattice

(1997) *Physical Review B - Condensed Matter and Materials Physics*, 55 (21), pp. 14397-14407. Cited 2 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0343729253&partnerID=40&md5=2478159c10a3ca53c25cb922039c95e8)

[0343729253&partnerID=40&md5=2478159c10a3ca53c25cb922039c95e8](http://www.scopus.com/inward/record.url?eid=2-s2.0-0343729253&partnerID=40&md5=2478159c10a3ca53c25cb922039c95e8)

DOCUMENT TYPE: Article

SOURCE: Scopus

Kiwi, M., Llois, A.M., Ramírez, R., Weismann, M.

Model Hamiltonian for the conductivity oscillations of magnetic multilayers

(1997) *Physical Review B - Condensed Matter and Materials Physics*, 55 (21), pp. 14117-14120. Cited 2 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0346319474&partnerID=40&md5=f97bae691c4713c5055e6c5d60bc25b5)

[0346319474&partnerID=40&md5=f97bae691c4713c5055e6c5d60bc25b5](http://www.scopus.com/inward/record.url?eid=2-s2.0-0346319474&partnerID=40&md5=f97bae691c4713c5055e6c5d60bc25b5)

DOCUMENT TYPE: Article

SOURCE: Scopus

Weissmann, M., Llois, A.M., Ramírez, R., Kiwi, M.

Transport properties of Co-Ni superlattices

(1996) *Physical Review B - Condensed Matter and Materials Physics*, 54 (21), pp. 15335-15340. Cited 14 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0001257133&partnerID=40&md5=452eea738b419de7ae16c386d3b171f3)

[0001257133&partnerID=40&md5=452eea738b419de7ae16c386d3b171f3](http://www.scopus.com/inward/record.url?eid=2-s2.0-0001257133&partnerID=40&md5=452eea738b419de7ae16c386d3b171f3)

DOCUMENT TYPE: Article

SOURCE: Scopus

Gutiérrez, G., Kiwi, M., Ramírez, R.

Amorphization in the vicinity of a grain boundary: A molecular-dynamics approach

(1996) Physical Review B - Condensed Matter and Materials Physics, 54 (16), pp. 11701-11705. Cited 2 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-2842575829&partnerID=40&md5=c8552acb002693e454d23b081f046e19)

[2842575829&partnerID=40&md5=c8552acb002693e454d23b081f046e19](http://www.scopus.com/inward/record.url?eid=2-s2.0-2842575829&partnerID=40&md5=c8552acb002693e454d23b081f046e19)

DOCUMENT TYPE: Article

SOURCE: Scopus

Palandi, J., Almeida, R.M.C.d., Iglesias, J.R., Kiwi, M.

Cellular automaton for the order-disorder transition

(1995) Chaos, Solitons and Fractals, 6 (C), pp. 439-445.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-58149212241&partnerID=40&md5=ef3d36fef3ac1e8c6a314c90184fe2c9)

[58149212241&partnerID=40&md5=ef3d36fef3ac1e8c6a314c90184fe2c9](http://www.scopus.com/inward/record.url?eid=2-s2.0-58149212241&partnerID=40&md5=ef3d36fef3ac1e8c6a314c90184fe2c9)

DOCUMENT TYPE: Article

SOURCE: Scopus

Altbir, D., Kiwi, M., Ramírez, R., Schuller, I.K.

Dipolar interaction and its interplay with interface roughness

(1995) Journal of Magnetism and Magnetic Materials, 149 (3), pp. L246-L250. Cited 33 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0029375493&partnerID=40&md5=438d838cdb3b752897770d1b8e2afd48)

[0029375493&partnerID=40&md5=438d838cdb3b752897770d1b8e2afd48](http://www.scopus.com/inward/record.url?eid=2-s2.0-0029375493&partnerID=40&md5=438d838cdb3b752897770d1b8e2afd48)

DOCUMENT TYPE: Letter

SOURCE: Scopus

Altbir, D., Kiwi, M.

Magnetic multilayers: A detailed analysis of continuum versus discrete treatments

(1994) Journal of Applied Physics, 75 (6), pp. 3193-3195. Cited 1 time.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-30244488669&partnerID=40&md5=1df7e8bc360ccdf5c841002371042686)

[30244488669&partnerID=40&md5=1df7e8bc360ccdf5c841002371042686](http://www.scopus.com/inward/record.url?eid=2-s2.0-30244488669&partnerID=40&md5=1df7e8bc360ccdf5c841002371042686)

DOCUMENT TYPE: Article

SOURCE: Scopus

Goncalves, S., Ramfrez, R., Kiwi, M.

Interface amorphization: A molecular dynamics approach

(1994) Journal of Physics: Condensed Matter, 6 (23), art. no. 001, pp. 4213-4224.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0028766564&partnerID=40&md5=85ce569527c66b186ebb7ea2b76dca88)

[0028766564&partnerID=40&md5=85ce569527c66b186ebb7ea2b76dca88](http://www.scopus.com/inward/record.url?eid=2-s2.0-0028766564&partnerID=40&md5=85ce569527c66b186ebb7ea2b76dca88)

DOCUMENT TYPE: Article

SOURCE: Scopus

Huerta, L., Kiwi, M.

A gauge theory approach to a generalized Hubbard model

(1993) Solid State Communications, 87 (5), pp. 445-449.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0027642530&partnerID=40&md5=cc324f67c9202a1a4916d09087a655b8)

[0027642530&partnerID=40&md5=cc324f67c9202a1a4916d09087a655b8](http://www.scopus.com/inward/record.url?eid=2-s2.0-0027642530&partnerID=40&md5=cc324f67c9202a1a4916d09087a655b8)

DOCUMENT TYPE: Article

SOURCE: Scopus

Weissmann, M., Ramírez, R., Kiwi, M.

Molecular-dynamics model of interface amorphization

(1992) Physical Review B, 46 (4), pp. 2577-2583. Cited 20 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0002526327&partnerID=40&md5=4c2bbb7e35f6d707e1e62f5d817458bf)

[0002526327&partnerID=40&md5=4c2bbb7e35f6d707e1e62f5d817458bf](http://www.scopus.com/inward/record.url?eid=2-s2.0-0002526327&partnerID=40&md5=4c2bbb7e35f6d707e1e62f5d817458bf)

DOCUMENT TYPE: Article

SOURCE: Scopus

Altbir, D., Kiwi, M.

Roughening and discreteness effects on the structure of magnetic layers  
(1992) *Solid State Communications*, 82 (6), pp. 413-418.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0026859798&partnerID=40&md5=db7a7575f5dcb1244c05539d3da74e8c)

[0026859798&partnerID=40&md5=db7a7575f5dcb1244c05539d3da74e8c](http://www.scopus.com/inward/record.url?eid=2-s2.0-0026859798&partnerID=40&md5=db7a7575f5dcb1244c05539d3da74e8c)

DOCUMENT TYPE: Article

SOURCE: Scopus

Rivas, M., Rössler, J., Kiwi, M.

Electron-phonon coupling in mixed-valence systems

(1991) *Physical Review B*, 43 (4), pp. 3593-3600. Cited 1 time.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-35949014885&partnerID=40&md5=5a3fd1285e14b58d62ca2706b791ae23)

[35949014885&partnerID=40&md5=5a3fd1285e14b58d62ca2706b791ae23](http://www.scopus.com/inward/record.url?eid=2-s2.0-35949014885&partnerID=40&md5=5a3fd1285e14b58d62ca2706b791ae23)

DOCUMENT TYPE: Article

SOURCE: Scopus

Spodine, E., Manzur, J., Garland, M.T., Kiwi, M., Peña, O., Grandjean, D., Toupet, L.  
Magnetostructural characterization of a monohydroxo-bridged, 1,1,2,2-tetrakis(2-  
pyridyl)ethylene-bridged copper(II) dimer

(1991) *Journal of the Chemical Society, Dalton Transactions*, (3), pp. 365-369. Cited 2  
times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-37049086520&partnerID=40&md5=8570465d5116dd950f2a5099b105f5ce)

[37049086520&partnerID=40&md5=8570465d5116dd950f2a5099b105f5ce](http://www.scopus.com/inward/record.url?eid=2-s2.0-37049086520&partnerID=40&md5=8570465d5116dd950f2a5099b105f5ce)

DOCUMENT TYPE: Article

SOURCE: Scopus

Kiwi, M., Rivas, M., Rössler, J.

Electron-lattice interaction in Sm1-xYxS-like systems

(1991) *Physica B: Physics of Condensed Matter*, 171 (1-4), pp. 91-97.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0026154962&partnerID=40&md5=bc0d2e46387527cd055ecdc26c09f8f9)

[0026154962&partnerID=40&md5=bc0d2e46387527cd055ecdc26c09f8f9](http://www.scopus.com/inward/record.url?eid=2-s2.0-0026154962&partnerID=40&md5=bc0d2e46387527cd055ecdc26c09f8f9)

DOCUMENT TYPE: Article

SOURCE: Scopus

Martnez, G., Kiwi, M.

Impurity-induced grain-boundary embrittlement: A simple three-dimensional model

(1990) *Physical Review B*, 42 (9), pp. 5527-5538. Cited 3 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0039391773&partnerID=40&md5=23296fbedd09c08f34f4e97dad9a0574)

[0039391773&partnerID=40&md5=23296fbedd09c08f34f4e97dad9a0574](http://www.scopus.com/inward/record.url?eid=2-s2.0-0039391773&partnerID=40&md5=23296fbedd09c08f34f4e97dad9a0574)

DOCUMENT TYPE: Article

SOURCE: Scopus

Altbir, D., Kiwi, M., Martnez, G., Zuckermann, M.J.

Magnetic metal films on paramagnetic substrates: A theoretical study

(1989) *Physical Review B*, 40 (10), pp. 6963-6970. Cited 5 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-4243653780&partnerID=40&md5=dd786b8076deb7bbb1a97baf1890ee0f)

[4243653780&partnerID=40&md5=dd786b8076deb7bbb1a97baf1890ee0f](http://www.scopus.com/inward/record.url?eid=2-s2.0-4243653780&partnerID=40&md5=dd786b8076deb7bbb1a97baf1890ee0f)

DOCUMENT TYPE: Article

SOURCE: Scopus

Rössler, J., Kiwi, M., Hess, B., Markus, M.

Modulated nonlinear processes and a novel mechanism to induce chaos

(1989) *Physical Review A*, 39 (11), pp. 5954-5960. Cited 27 times.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-0000716387&partnerID=40&md5=1acd1f63aa24067609c605231cc9d782>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Lagos, M., Kiwi, M., Gagliano, E.R., Cabrera, G.G.  
Two-dimensional Heisenberg antiferromagnet: Analytic and numeric results (1989) Solid State Communications, 70 (4), pp. 431-435.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0024649367&partnerID=40&md5=48ca15562272bb72055b4817425d0b1c>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Alascio, B., Balseiro, C., Ortíz, G., Kiwi, M., Lagos, M.  
Dynamic symmetry breaking in mixed-valence systems (1988) Physical Review B, 38 (7), pp. 4698-4704. Cited 6 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33744569890&partnerID=40&md5=870a3faa847b33781900c865d11c5d4e>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Cabrera, G.G., Lagos, M., Kiwi, M.  
Anisotropic Heisenberg antiferromagnet with arbitrary dimensionality (1988) Solid State Communications, 68 (8), pp. 743-746. Cited 1 time.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-1542702355&partnerID=40&md5=e9f2d45d5cf265378b7650502ed3eab1>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Lagos, M., Kiwi, M., Ramirez, R.  
High correlation regime of the Hubbard model (1988) Solid State Communications, 67 (8), pp. 763-768.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0024056101&partnerID=40&md5=1e9e3305c2d0469aad89af736f4b825f>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Lagos, M., Kiwi, M., Gagliano, E.R., Cabrera, G.G.  
The ground state of the Heisenberg antiferromagnetic chain in the quasi-ising limit (1988) Solid State Communications, 67 (3), pp. 225-228.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0024048572&partnerID=40&md5=88edfdc3af665fd2d2e299a92fed8150>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Cabrera, G.G., Kiwi, M.  
Large quantum-number states and the correspondence principle (1987) Physical Review A, 36 (6), pp. 2995-2998. Cited 12 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0003064356&partnerID=40&md5=9be27c39c18d2f3c40512215ba2ba5a7>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Lagos, M., Kiwi, M.  
Mixed valence as a polaronic effect

(1987) Journal of Physics and Chemistry of Solids, 48 (4), pp. 309-313.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0023242846&partnerID=40&md5=e9541912f8e08e0c55244db1220ac916>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Rössler, J., Martínez, G., Kiwi, M.  
Random chains and complex transfer matrix attractors  
(1987) Solid State Communications, 61 (6), pp. 395-400. Cited 1 time.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0023291518&partnerID=40&md5=24e6b5bc1a57ce1677cd79e8b3882015>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Kiwi, M., Martínez, G., Ramírez, R.  
On the theory of temper embrittlement  
(1986) Acta Metallurgica, 34 (8), pp. 1583-1587. Cited 2 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0022766805&partnerID=40&md5=3f0e1d3c9886eebe71b99edc51f9e262>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Martínez, G., Rössler, J., Kiwi, M.  
Short range order effects and the Falicov-Kimball model  
(1985) Solid State Communications, 53 (10), pp. 827-830.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0022028594&partnerID=40&md5=13b1256ec56d98475b6537be0c21e84e>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Trias, A., Kiwi, M., Weissmann, M.  
Reconstruction of the density of states from its moments  
(1983) Physical Review B, 28 (4), pp. 1859-1863. Cited 5 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0006848293&partnerID=40&md5=3a265d65f254302cb07aa49fb322d800>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Kiwi, M., Lin, T.-H., Falicov, L.M.  
Antiferromagnetism, projected density of states, and the Bogoliubov transformation for bosons  
(1982) Physical Review B, 25 (1), pp. 432-435.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-35949016537&partnerID=40&md5=c52e7356d952166911c5d03faceb999e>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Mata, G.J., Pestana, E., Kiwi, M.  
Thin ferromagnetic films on nonmagnetic metallic substrates: A model calculation  
(1982) Physical Review B, 26 (7), pp. 3841-3845. Cited 5 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0006445993&partnerID=40&md5=7f1138af883e917dee82d276e2d1d4d4>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Rössler, J., Fernández, B., Kiwi, M.

Exact ground-state behavior of a four-atom generalized Hubbard model

(1981) *Physical Review B*, 24 (9), pp. 5299-5304. Cited 4 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-4243639637&partnerID=40&md5=6ec4451d5659fec11bb90b4ac85fd6e0)

4243639637&partnerID=40&md5=6ec4451d5659fec11bb90b4ac85fd6e0

DOCUMENT TYPE: Article

SOURCE: Scopus

Rössler, J., Martínez, G., Kiwi, M.

Short-range order effects on the electronic properties of a binary linear chain

(1980) *Physical Review B*, 21 (12), pp. 5511-5520.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-35949022720&partnerID=40&md5=87cfc1290e7106da53d964122d48ec16)

35949022720&partnerID=40&md5=87cfc1290e7106da53d964122d48ec16

DOCUMENT TYPE: Article

SOURCE: Scopus

Trias, A., Ramírez, R., Kiwi, M.

Rigorous bounds for the Helmholtz free energy of the Falicov-Kimball model

(1979) *Physical Review B*, 19 (11), pp. 5877-5885. Cited 1 time.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-33744533076&partnerID=40&md5=b3cac656ef6048ee9401998d743fcb8a)

33744533076&partnerID=40&md5=b3cac656ef6048ee9401998d743fcb8a

DOCUMENT TYPE: Article

SOURCE: Scopus

Kiwi, M., Pestana, E., Ramírez, R.

MAGNITUDE OF LOCALIZED MAGNETIC MOMENTS IN METALS.

(1979) *Physica Status Solidi (B) Basic Research*, 95 (2), pp. 497-502.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0018532505&partnerID=40&md5=f21cfa8cb785a95c6295c5d9eff3c77e)

0018532505&partnerID=40&md5=f21cfa8cb785a95c6295c5d9eff3c77e

SOURCE: Scopus

Kiwi, M., Ramírez, R., Trías, A., Yndurain, F.

Effects of overlap and next-nearest-neighbor interactions in tight-binding calculations

(1978) *Physical Review B*, 17 (8), pp. 3063-3069. Cited 3 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-25044459190&partnerID=40&md5=82bde380c6e8f1ad09ed487052850a61)

25044459190&partnerID=40&md5=82bde380c6e8f1ad09ed487052850a61

DOCUMENT TYPE: Article

SOURCE: Scopus

Kiwi, M., Ramírez, R., Zuckermann, M.J.

The superconducting critical temperature of radiation damaged A-15 compounds

(1978) *Solid State Communications*, 26 (8), pp. 497-501.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-49349126442&partnerID=40&md5=7e9ea70dc4c894285817212ab9982230)

49349126442&partnerID=40&md5=7e9ea70dc4c894285817212ab9982230

DOCUMENT TYPE: Article

SOURCE: Scopus

Bohnen, K.-P., Kiwi, M., Suhl, H.

Physical approach to the H<sub>2</sub> H+H reaction: Friction coefficient calculation

(1977) *Physical Review B*, 15 (12), pp. 5657-5673.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-35949031895&partnerID=40&md5=522f848bf25d1ec383683fc8e6ed80e3)

35949031895&partnerID=40&md5=522f848bf25d1ec383683fc8e6ed80e3

DOCUMENT TYPE: Article

SOURCE: Scopus

Chornik, B., Kiwi, M., Zuckermann, M.J.

A new interpretation for nuclear magnetic relaxation data of a nickel-based alloy  
(1976) *Journal of Physics F: Metal Physics*, 6 (12), art. no. 026, pp. 2419-2424.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-36149043286&partnerID=40&md5=0ad7defd1e283cfa3d94c7fa680a33b5)

[36149043286&partnerID=40&md5=0ad7defd1e283cfa3d94c7fa680a33b5](http://www.scopus.com/inward/record.url?eid=2-s2.0-36149043286&partnerID=40&md5=0ad7defd1e283cfa3d94c7fa680a33b5)

DOCUMENT TYPE: Article

SOURCE: Scopus

Bohnen, K.-P., Kiwi, M., Suhl, H.

Erratum: Friction coefficient of an absorbed H atom on a metal surface (*Physical Review Letters* (1976) 36, 3)

(1976) *Physical Review Letters*, 36 (3), p. 173. Cited 1 time.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-24344482100&partnerID=40&md5=13e02e161420fa3c93f56dce9e04c3eb)

[24344482100&partnerID=40&md5=13e02e161420fa3c93f56dce9e04c3eb](http://www.scopus.com/inward/record.url?eid=2-s2.0-24344482100&partnerID=40&md5=13e02e161420fa3c93f56dce9e04c3eb)

DOCUMENT TYPE: Erratum

SOURCE: Scopus

Bohnen, K.-P., Kiwi, M., Suhl, H.

Friction coefficient of an adsorbed H atom on a metal surface

(1975) *Physical Review Letters*, 34 (24), pp. 1512-1515. Cited 9 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-7044267723&partnerID=40&md5=8fe4ce3fecbf3792084a27286e853186)

[7044267723&partnerID=40&md5=8fe4ce3fecbf3792084a27286e853186](http://www.scopus.com/inward/record.url?eid=2-s2.0-7044267723&partnerID=40&md5=8fe4ce3fecbf3792084a27286e853186)

DOCUMENT TYPE: Article

SOURCE: Scopus

Rössler, J., Kiwi, M.

Effect of localized spin fluctuations on superconducting properties of dilute alloys  
(1974) *Physical Review B*, 10 (1), pp. 95-104.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-35949034216&partnerID=40&md5=a7a83f7ddd9f89a7cf7688b318b6e6ff)

[35949034216&partnerID=40&md5=a7a83f7ddd9f89a7cf7688b318b6e6ff](http://www.scopus.com/inward/record.url?eid=2-s2.0-35949034216&partnerID=40&md5=a7a83f7ddd9f89a7cf7688b318b6e6ff)

DOCUMENT TYPE: Article

SOURCE: Scopus

Kiwi, M., Rössler, J.

Localized spin fluctuations in superconducting alloys

(1974) *Solid State Communications*, 15 (10), pp. 1581-1584.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0016125750&partnerID=40&md5=f8b3be2c9305e3560d05e9f04b8cba46)

[0016125750&partnerID=40&md5=f8b3be2c9305e3560d05e9f04b8cba46](http://www.scopus.com/inward/record.url?eid=2-s2.0-0016125750&partnerID=40&md5=f8b3be2c9305e3560d05e9f04b8cba46)

DOCUMENT TYPE: Article

SOURCE: Scopus

Plischke, M., Zuckermann, M.J., Kiwi, M., Ramirez, R.

Pressure-temperature phase diagram of Ce<sub>1-x</sub>La<sub>x</sub>

(1973) *Journal of Physics F: Metal Physics*, 3 (9), art. no. 017, pp. 1746-1751.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-36149073632&partnerID=40&md5=4e2e8300d8ac08e8b59b003ef042bbfe)

[36149073632&partnerID=40&md5=4e2e8300d8ac08e8b59b003ef042bbfe](http://www.scopus.com/inward/record.url?eid=2-s2.0-36149073632&partnerID=40&md5=4e2e8300d8ac08e8b59b003ef042bbfe)

DOCUMENT TYPE: Article

SOURCE: Scopus

Ramírez, R., Kiwi, M.

More on the electronic phase transitions of Ce<sub>1-x</sub>La<sub>x</sub> alloys

(1973) *Physical Review B*, 7 (10), pp. 4745-4747.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-35949039966&partnerID=40&md5=b331b050e0b34ac22ce86f59db182433)

[35949039966&partnerID=40&md5=b331b050e0b34ac22ce86f59db182433](http://www.scopus.com/inward/record.url?eid=2-s2.0-35949039966&partnerID=40&md5=b331b050e0b34ac22ce86f59db182433)

DOCUMENT TYPE: Review

SOURCE: Scopus

Rössler, J., Kiwi, M., Ramírez, R.  
Susceptibility of the Mattis model  
(1973) Physical Review B, 8 (5), pp. 2379-2382.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-35949044010&partnerID=40&md5=b67d2c08b9df3702292204228922c743>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Greene, M.P., Kiwi, M.  
A model of the Fermi surface for antiferromagnetic europium metal  
(1973) Solid State Communications, 13 (5), pp. 541-542.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0015659521&partnerID=40&md5=d81c53a3275858df63c2300e7da449f3>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Kiwi, M., Ramírez, R.  
Electronic phase transitions of cerium metal  
(1972) Physical Review B, 6 (10), pp. 3700-3706. Cited 2 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-17144380075&partnerID=40&md5=869a07a11d85431f1d4d311249c9ccc4>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Ramírez, R., Kiwi, M.  
Electronic phase transitions in Ce<sub>1-x</sub>La<sub>x</sub> alloys  
(1972) Physical Review Letters, 28 (6), pp. 344-346.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-35949033923&partnerID=40&md5=d9057a01d21b52eb7220e7866a2f57f8>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Greene, M.P., Kiwi, M.  
Fermi surface geometry and the antiferromagnetic phase of europium metal  
(1972) Solid State Communications, 10 (8), pp. 717-719.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0015317141&partnerID=40&md5=96c6dbf35d197ea9bc712fc72a822b69>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Rössler, J., Kiwi, M.  
Effect of superconductivity on the formation of localized magnetic moments  
(1972) Physics Letters A, 38 (5), pp. 371-372.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-49649130765&partnerID=40&md5=14271447cce5424d5d43f80bb39d2aef>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Kiwi, M., Majlis, N.  
Resonance scattering and spatial variation of the order parameter in superconducting alloys  
(1971) Physical Review B, 3 (9), pp. 2962-2969.



<http://www.scopus.com/inward/record.url?eid=2-s2.0-35949033182&partnerID=40&md5=f3e711af78e0ec1b89e2e9715fa41086>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Ferrer, R., Kiwi, M., Zuckermann, M.J.  
Localised spin fluctuations in dilute alloys: Renormalisation, degeneracy and impurity interaction effects  
(1971) *Physics Letters A*, 34 (7), pp. 399-400.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-49649149109&partnerID=40&md5=ba46c4363f0910a2afb1988564897b17>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Kiwi, M., Zuckermann, M.J.  
Effect of resonance scattering and impurity correlations on the thermodynamic and transport properties of superconducting alloys  
(1967) *Physical Review*, 164 (2), pp. 548-557. Cited 2 times.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0039686228&partnerID=40&md5=ae271c150eff4e4b8ecb46b1dd951dc8>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

Kiwi, M., Zuckermann, M.J.  
The effect of resonance scattering and d-d correlations on the thermodynamic properties of superconducting alloys  
(1967) *Physics Letters A*, 24 (9), pp. 456-457.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-49949134639&partnerID=40&md5=6c85d52dce6267b71f1f531b681702f7>  
DOCUMENT TYPE: Article  
SOURCE: Scopus

## PROYECTOS DE INVESTIGACIÓN

Coinvestigador. 1090225 Structure and properties of pure and binary metallic clusters. 2009

Investigador Responsable. 1071062 Nanoclusters, nanotubes and nanoscopic friction. 2007

Actualización, mayo 2014