

# CITAS BIBLIOGRÁFICAS DE RUBÉN G. BARRERA

HASTA JUNIO  
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## LISTA DE ARTICULOS PUBLICADOS EN REVISTAS DE CIRCULACION INTERNACIONAL

*La numeración de los 91 artículos que aparecen en este listado corresponde a la numeración con la que aparecen en la relación de citas*

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**Nota:** Todos los artículos en este listado están firmados como R.G. Barrera a excepción de los artículos No.2, No. 9, No. 10 y No. 11 que están firmados como R. Barrera. Esta información puede ser útil en la búsqueda electrónica de citas en bases de datos.

**CITAS BIBLIOGRÁFICAS EXTERNAS  
DE  
RUBÉN G. BARRERA  
(HASTA JUNIO DE 2012)**

Al artículo 1:

**Mobility of the electron bubble in superfluid helium**

G. Baym, R.G. Barrera & C.J. Pethick

*Physical Review Letters* **22**, 20-23 (1969)

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W.L. Mochán y R.G. Barrera

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W.L. Mochán y R.G. Barrera

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**Intrinsic surface-induced optical anisotropics of cubic crystals: local-field effect**

W.L. Mochán y R.G. Barrera

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R.G. Barrera, G.A. Estévez y J. Giraldo

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### Effects of plasma waves on the optical properties of metal-insulator superlattices

W.L. Mochán, M. del Castillo-Mussot y R.G. Barrera

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**Effects of the dispersion in sizes in the dielectric response of composites**

R.G. Barrera, P. Villaseñor-González, W.L. Mochán, M. del Castillo-Mussot y G. Monsivais

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**Electromagnetic field near rough surfaces of spatially dispersive systems**

S.Wang, R.G. Barrera y W.L. Mochán

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**Surface plasmon effects on the optical reflectivity of adsorbed molecular multilayers**

M. del Castillo-Mussot, R.G. Barrera, T. López-Ríos y W.L. Mochán.

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**Effective dielectric response of polydispersed composites**

R.G. Barrera, P. Villaseñor-González, W.L. Mochán y G. Monsivais

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R. del Sole, W.L. Mochán y R.G. Barrera  
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### **Optical properties of 2D disordered systems on a substrate**

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Al artículo **44**:

**A new diagrammatic summation for the effective dielectric response of composites**

R.G. Barrera, C. Noguez y E. Anda

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Al trabajo:

**Dielectric response of a chain of disordered polarizable spheres: numerical simulation and theory.**

P. Villaseñor-González, C. Noguez y R.G. Barrera

*Applications of Multiple Scattering Theory to Material Science*, Materials Research Society Symposium Proceedings, Vol. **253**. Eds: W.H. Butler, P.H. Dederichs, A. Gonis y R.L. Weaver (Materials Research Society, Pittsburgh, 1992) págs.123-128.

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Al artículo **45**:

**Effective dielectric response of a composite with aligned spheroidal inclusions**

R.G. Barrera, J. Giraldo y W.L. Mochán

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Al artículo **46**:

**Large anisotropy in the optical reflectance of Ag(110) single crystals: Experiment and theory**

Y. Borensztein, W.L. Mochán, J. Tarriba, R.G. Barrera y A. Tadjeddine  
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R.G. Barrera y C.I. Mendoza

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R.G. Barrera y R. Fuchs  
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R. Fuchs, R.G. Barrera y J.L. Carrillo

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C. Noguez y R.G. Barrera

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### **Surface correlation effects on gloss**

R. Alexander-Katz y R.G. Barrera

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Al artículo 73:

**Scattering efficiency of clusters composed by aggregated spheres**

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**Rigorous theoretical framework for particle sizing in turbid colloids using light**

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Al artículo 85: .

### **Monitoring of the plasmon resonance of gold nanoparticles in Au/TiO<sub>2</sub> catalyst under oxidative and reducing atmospheres**

Y. Borensztein, L. Delannoy, A. Djedidi, R.G. Barrera & C. Louis  
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1	<i>Physical Review Letters</i> <b>22</b> , 20-23 (1969)	66	2	1	69
	<i>Ph.D. Thesis. University of Illinois</i> (1972)	3		1	4
2	<i>Physical Review A</i> , <b>6</b> , 1558 (1972)	23			23
3	<i>Solid State Communications</i> , <b>14</b> , 979 (1974)	5		2	7
4	<i>Chemical Physics Letters</i> , <b>25</b> , 443 (1974)	1			1
5	<i>Physical Review B</i> , <b>13</b> , 4477 (1976)	34	3	1	38
6	<i>Physical Review B</i> , <b>14</b> , 3695 (1976)	2			2
7	<i>Physical Review Letters</i> , <b>40</b> , 803 (1978)	21	1		22
8	<i>American Journal of Physics</i> , <b>46</b> , 1172 (1978)	12			12
9	<i>Physical Review B</i> , <b>18</b> , 2931 (1978)	2	2		4
10	<i>Journal of Physics C</i> , <b>12</b> , 249 (1979)	4	1		5
11	<i>Physics Letters</i> , <b>80B</b> , 327 (1979)		3	1	4
12	<i>Physical Review B</i> , <b>20</b> , 3186 (1979)	10		3	13
13	<i>Physical Review B</i> , <b>20</b> , 4824 (1979)	124		5	129
14	<i>Journal of Physics C</i> , <b>12</b> , L715 (1979)	11			11
15	<i>Physical Review Letters</i> , <b>44</b> , 1475 (1980)	48	1	6	55
16	<i>Physical Review B</i> , <b>23</b> , 5707 (1981)	3		2	5
17	<i>Physical Review B</i> , <b>24</b> , 1612 (1981)	12		1	13
18	<i>Physical Review B</i> , <b>24</b> , 2940 (1981)	43		3	46
19	<i>Physical Review C</i> , <b>25</b> , 560-570 (1982).	1			1
20	<i>American Journal of Physics</i> , <b>50</b> , 165 (1982)	3		3	6
21	<i>Physical Review B</i> , <b>25</b> , 7086 (1982)	64		7	71
22	<i>Physical Review B</i> , <b>27</b> , 771 (1983)	27	13	10	50
23	<i>Physical Review B</i> , <b>28</b> , 1667 (1983)	19	4		23
24	<i>Journal de Physique</i> , <b>C5</b> , 207 (1984)	23	2	4	29
25	<i>Chemical Physics Letters</i> , <b>113</b> , 37 (1985)	1	1		2
26	<i>Physical Review B</i> , <b>32</b> , 4984 (1985)	33	10	3	46
27	<i>Physical Review B</i> , <b>32</b> , 4989 (1985)	26	6	3	35
28	<i>Physical Review Letters</i> , <b>55</b> , 1192 (1985)	141	9	7	157
29	<i>European Journal of Physics</i> , <b>6</b> , 287 (1985)	11	1		12
30	<i>Physical Review B</i> , <b>33</b> , 5350 (1986)	4		1	5
31	<i>Physical Review Letters</i> , <b>56</b> , 2221 (1986)	35	3	5	43
	<i>Revista Mexicana de Física</i> , <b>32</b> , 279-309 (1986)		1		1

No.	Artículo	Citas			
		Externas	Co-autores	Auto citas	Total
32	<i>Physical Review B</i> , <b>35</b> , 1088 (1987)	29	7	3	39
33	<i>Physical Review B</i> , <b>36</b> , 7342 (1987)	8	1		9
34	<i>Physical Review B</i> , <b>38</b> , 5371 (1988)	25	1	10	36
	<i>World Scientific Advanced Series in Surface Science</i> , <b>4</b> , 75 (1988)	2			2
	<i>World Scientific Advanced Series in Surface Science</i> , <b>4</b> , 416 (1988)	1			1
35	<i>Physical Review B</i> , <b>38</b> , 5380 (1988)	5	3		8
36	<i>Physical Review B</i> , <b>39</b> , 3522 (1989)	1		2	3
37	<i>Physical Review B</i> , <b>39</b> , 9998 (1989)	15	2	4	21
38	<i>Physical Review B</i> , <b>40</b> , 1571 (1989)	3	8	1	12
39	<i>Solid State Communications</i> , <b>71</b> , 157 (1989)	1			1
40	<i>Physical Review B</i> , <b>41</b> , 7370 (1990)	10		2	12
41	<i>Physical Review B</i> , <b>42</b> , 9155 (1990)	6	3		9
42	<i>Physical Review B</i> , <b>43</b> , 2136 (1991)	27	8	1	36
43	<i>Physical Review B</i> , <b>43</b> , 13819 (1991)	48		6	54
44	<i>Journal of Chemical Physics</i> , <b>96</b> , 1574 (1992)	13	7	3	23
	<i>Materials Research Society Symposium Proceedings</i> , Vol. <b>253</b> , 123 (1992)	3		3	6
45	<i>Physical Review B</i> , <b>47</b> , 8528 (1993)	15	2	3	20
46	<i>Physical Review Letters</i> , <b>71</b> , 2334 (1993)	50	12	1	63
49	<i>Solar Energy Materials and Solar Cells</i> , <b>32</b> , 463-476 (1994).	2		2	4
50	<i>Physica A</i> , <b>207</b> , 137 (1994)	3		1	4
51	<i>Physica A</i> , <b>207</b> , 334 (1994)	24	3	1	28
52	<i>Physica A</i> , <b>211</b> , 399 (1994)	5	1	1	7
53	<i>Physical Review B</i> , <b>52</b> , 3256 (1995)	40		8	48
54	<i>Physical Review B</i> , <b>54</b> , 12824 (1996)	15		4	19
55	<i>Physica A</i> , <b>241</b> , 29 (1997)			4	4
56	<i>Physical Review B</i> , <b>57</b> , 302-313 (1998)	9	3		12
57	<i>Journal of Polymer Science: Part B: Polymer Physics</i> , <b>36</b> , 1321 (1998)	28			28
58	<i>Physical Review B</i> , <b>57</b> , 11193 (1998)	7		2	9
59	<i>Physica Status Solidi (a)</i> , <b>170</b> , 221 (1998)	1			
60	<i>Physica Status Solidi (a)</i> , <b>170</b> , 349 (1998)			1	1
61	<i>Physical Review B</i> , <b>60</b> , 6018 (1999)	11	6	5	22
62	<i>Physical Review B</i> , <b>60</b> , 13831 (1999)	1		1	2
63	<i>Physica Status Solidi (a)</i> <b>175</b> , 393 (1999)		1		1

No.	Artículo	Citas			
		Externas	Co-autores	Auto citas	Total
64	<i>Physical Review B</i> <b>61</b> , 10427 (2000)	16	9	1	26
65	<i>Physica B</i> , <b>279</b> , 25 (2000)	2	1	2	5
67	<i>Physical Review E</i> , <b>63</b> , 027601 (2001)	6		1	7
68	<i>Physical Review B</i> , <b>63</b> , 144201 (2001)	1			1
69	<i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> <b>70</b> , 675 (2001)	4	4	2	10
70	<i>Applied Optics</i> , <b>41</b> , 5969 (2002)	8	3	1	12
71	<i>Journal of the Optical Society of America A</i> , <b>20</b> , 296 (2003)	4	1	8	13
72	<i>Journal of Physical Chemistry B</i> , <b>107</b> , 6269 (2003)	241	6	2	249
73	<i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> <b>79-80</b> , 521 (2003)	11	2		13
74	<i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> <b>79-80</b> , 627 (2003)			5	5
75	<i>Physica B</i> <b>338</b> , 31 (2003)	1		1	2
76	<i>Physica Status Solidi (b)</i> <b>240</b> , 480 (2003)			3	3
77	<i>Progress in Organic Coatings</i> <b>49</b> , 74-83 (2004)	5			5
78	<i>Journal of Modern Optics</i> <b>51</b> , 313-332 (2004)	4	4		8
79	<i>New Journal of Physics</i> <b>7</b> , Art.No. 89 (2005)	1		3	4
80	<i>Optics Express</i> <b>13</b> , 6723 (2005)	2	1	2	5
82	<i>Applied Optics</i> <b>45</b> , 626-632 (2006)		2		2
83	<i>Physical Review B</i> <b>75</b> , 184202 (2007)	6	1	3	10
84	<i>Optics Express</i> <b>16</b> , 19741 (2008)	2	2	2	6
85	<i>Journal of Physical Chemistry C</i> <b>114</b> , 9008 (2010)	7	1	1	9
87	<i>Physica B</i> <b>405</b> (14), 3016 (2010)			1	1
88	<i>Physical Review B</i> <b>82</b> , 235429 (2010)	2		1	3
91	<i>Nano Letters</i> <b>11</b> (8), 3388-3393 (2011)	1			1
	<b>TOTAL</b>	<b>1543</b>	<b>168</b>	<b>177</b>	<b>1888</b>
		81.7%	8.9%	9.4%	100%



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