

PRODUCCIÓN CIENTÍFICA

Los datos que constan a continuación son sólo los que se han recibido por parte de los científicos que respondieron a la solicitud del CNME para la confección de esta memoria.

PUBLICACIONES 2018 CON FACTOR DE IMPACTO $\geq 2,5$

REVISTA	AÑO	REFERENCIAS	FACTOR IMPACTO
CHEM SOC REV	2018	47, 8541-8571	39,755
ADV MATER	2018	1805360, 1-8pp	21,950
SCI TRANSL MED	2018	10 (434), eaan4935	16,710
J AM CHEM SOC	2018	140, 9891-9898	14,357
J AM CHEM SOC	2018	140, 17188-17196	14,357
ACS NANO	2018	12(11), 11333-11342	13,709
ADV FUNCT MATER	2018	1801734	13,325
MATER HORIZ	2018	5, 480-485	13,183
NAT COMMUN	2018	9, 2671	12,353
ANGEW CHEM INT EDIT	2018	57, 4697-4701	12,102
ANGEW CHEM INT EDIT	2018	57, 1001-1005	12,102
ANGEW CHEM INT EDIT	2018	57, 6774-6779	12,102
NANO LETT	2018	18, 5364-5372	12,080
SEMIN CANCER BIOL	2018	doi: 10.1016/j.semcan.2018.01.017	10,198
J MATER CHEM A	2018	6, 6299-6308	9,931
J MATER CHEM A	2018	6, 118-126	9,931
J MATER CHEM A	2018	6, 5944-5951	9,931
CHEM MATER	2018	30, 4986-4994	9,890
CHEM MATER	2018	30, 847-856	9,890
CHEM MATER	2018	30, 7138-7145	9,890
CHEM MATER	2018	30, 112-120	9,890
CHEM MATER	2018	DOI: 10.1021/acs.chemmater.8b04003	9,890
SMALL	2018	14, 1702437 (1-9)	9,598
SMALL	2018	1703810, 1-10	9,598
P NATL ACAD SCI USA	2018	115(37), 9282-9287	9,504
CURR BIOL	2018	28(14), 2283-2290	9,251
CHEM SCI	2018	9, 8056-8064	9,063
CHEM SCI	2018	9, 7809-7821	9,063
CHEM SCI	2018	9, 6779-6784	9,063
CHEM SCI	2018	9, 4176-4184	9,063
ACS APPL MATER INTER	2018	10(28), 24275-24287	8,097
ACS APPL MATER INTER	2018	10, 12518-12525	8,097
ACS APPL MATER INTER	2018	10, 7661-7669	8,097
ACS APPL MATER INTER	2018	10, 25529-25535	8,097
ACS APPL MATER INTER	2018	10-14, 12031-12041	8,097
EARTH-SCI REV	2018	177, 209-225	7,491
EARTH-SCI REV	2018	178, 259-285	7,491

NANOSCALE	2018	10, 6402-6408	7,233
REDOX BIOL	2018	15, 143-158	7,126
REDOX BIOL	2018	19, 92-104	7,126
CARBON	2018	131, 229-237	7,082
MOL THER	2018	26(8), 2047-2059	7,008
CHEM. ENG. J	2018	333, 58-65	6,735
CHEM. ENG. J	2018	340, 42-50	6,735
CHEM. ENG. J	2018	340, 114-124	6,735
CHEM. ENG. J	2018	340, 2-8	6,735
CHEM. ENG. J	2018	340, 24-31	6,735
CHEM. ENG. J	2018	340, 1	6,735
DESALINATION	2018	426, 174-184	6,603
ORG LETT	2018	20, 2020-2023	6,492
ORG LETT	2018	20, 1764-1767	6,492
MOL NEURODEGENER	2018	13(1), 19	6,426
ACTA BIOMATER	2018	65, 450-461	6,383
ACTA BIOMATER	2018	68, 261-271	6,383
ACTA BIOMATER	2018	65, 393-404	6,383
ACTA BIOMATER	2018	65, 450-461	6,383
ACTA BIOMATER	2018	74, 430-438	6,383
ACTA BIOMATER	2018	76, 333-343	6,383
ACTA BIOMATER	2018	83, 372-378	6,383
ACTA BIOMATER	2018	83, 456-466	6,383
CHEM COMMUN	2018	54, 5526-5529	6,290
CHEM COMMUN	2018	54, 11642-11644	6,290
STROKE	2018	49(9), 2163-2172	6,239
ENVIRON SCI-NANO	2018	5, 2993-3003	6,087
J CEREBR BLOOD F MET	2018	38(12), 2150-2164	6,045
ANAL CHEM	2018	90, 9830-9837	6,042
ANAL CHEM	2018	90, 2912-2917	6,042
NANOPHOTONICS-BERLIN	2018	7(12), 1917-1927	6,014
GLIA	2018	66, 1447-1463	5,846
SENSOR ACTUAT B-CHEM	2018	256, 226-233	5,667
SENSOR ACTUAT B-CHEM	2018	255, 2367-2377	5,667
SENSOR ACTUAT B-CHEM	2018	254, 926-934	5,667
FRONT IMMUNOL	2018	9, 1165	5,511
CATAL SCI TECHNOL	2018	8 (15), 3926-3935	5,365
J EXP BOT	2018	69, 1387-1402	5,354
J EXP BOT	2018	69, 1335-1353	5,354
CHEM EUR J	2018	24, 2826-2831	5,160
CHEM EUR J	2018	24, 6992-7001	5,160
CHEM EUR J	2018	24, 18944-18951	5,160
CHEM EUR J	2018	24, 7755-7760	5,160
CHEM EUR J	2018	24, 13020-13025	5,160
J COLLOID INTERF SCI	2018	512, 665-673	5,091

J COLLOID INTERF SCI	2018	528, 309-320	5,091
MAT SCI ENG C-MATER	2018	91, 340-348	5,080
FOOD CHEM	2018	243, 357-364	4,946
CHEM REC	2018	18, 1105-1113	4,891
J ORG CHEM	2018	83, 1727-1736	4,805
J MATER CHEM B	2018	6, 2785-2794	4,776
MOL PHARM	2018	15(7), 2570-2583	4,556
J PHYSIOL-LONDON	2018	596(5), 921-940	4,540
EUR J PHARM BIOPHARM	2018	124, 13-27	4,491
EUR J PHARM BIOPHARM	2018	133, 258-268	4,491
BIOCONJUGATE CHEM	2018	29(11), 3677-3685	4,485
BIOCONJUGATE CHEM	2018	29, 382-389	4,485
BIOCONJUGATE CHEM	2018	29, 2021-2027	4,485
J PHYS CHEM C	2018	122, 10189-10196	4,484
J PHYS CHEM C	2018	122, 22487-22493	4,484
CHEMELECTROCHEM	2018	5, 1-11	4,446
MACROMOL RAPID COMM	2018	39, 1800191 (1-5)	4,441
APPL SURF SCI	2018	433, 653-667	4,439
APPL SURF SCI	2018	454, 157-172	4,439
PART PART SYST CHARACT	2018	1800148	4,384
PLOS NEGLECT TROP D	2018	12(2):e0006267	4,367
QUATERNARY SCI REV	2018	192, 71-85	4,334
BIOCHEM PHARMACOL	2018	157, 18-32	4,235
BIOCHEM PHARMACOL	2018	157, 189-201	4,235
INT J HYDROGEN ENERG	2018	43, 16913-16921	4,229
APL MATER	2018	6, 101107	4,127
SCI REP-UK	2018	8(1), 2035	4,122
SCI REP-UK	2018	8(1), 7787	4,122
SCI REP-UK	2018	8, 13810	4,122
SCI REP-UK	2018	8, 4711	4,122
SCI REP-UK	2018	8, 4681	4,122
SCI REP-UK	2018	8, 16695	4,122
DENT MATER	2018	DOI:10.1016/j.dental.2018.11.015	4,039
COLLOID SURFACE B	2018	171, 250-259	3,997
COLLOID SURFACE B	2018	168, 50-59	3,997
ORE GEOL REV	2018	96, 247-261	3,993
CRYST GROWTH DES	2018	18, 1401-1414	3,972
CRYST GROWTH DES	2018	18, 1666-1675	3,972
PHYS CHEM CHEM PHYS	2018	20, 24065	3,906
PHYS CHEM CHEM PHYS	2018	20, 11577-11585	3,906
INT J PHARMACEUT	2018	547, 24-30	3,862
LITHOS	2018	322, 20-37	3,857
J ALLOY COMPD	2018	766, 609-618	3,779
J DENT	2018	73, 97-104	3,770
DYES PIGMENTS	2018	151, 327-334	3,767

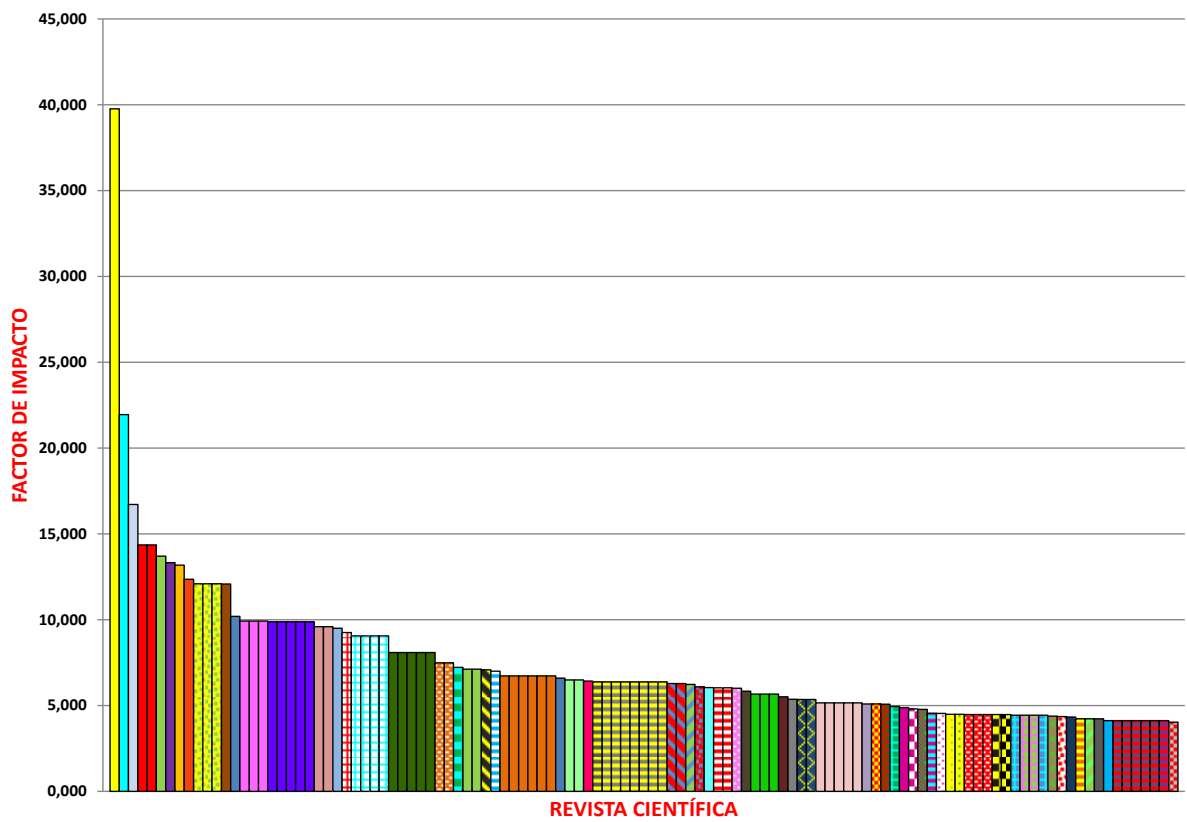
DYES PIGMENTS	2018	153, 182-188	3,767
PHARMACEUTICS	2018	10(4), 279	3,746
INT J MOL SCI	2018	19, 1579	3,687
FRONT PLANT SCI	2018	9, 990	3,677
J ELECTROCHEM SOC	2018	165. B310-B322	3,662
MICROPOR MESOPOR MAT	2018	256,147-154	3,649
APPL CLAY SCI	2018	160, 9-21	3,641
NANOMATERIALS-BASEL	2018	8, 808	3,504
NANOMATERIALS-BASEL	2018	8, 268	3,504
NANOMATERIALS-BASEL	2018	8, 592	3,504
NANOMATERIALS-BASEL	2018	8(883), 1-15	3,504
NANOMATERIALS-BASEL	2018	8, 168	3,504
APPL PHYS LETT	2018	113, 031902	3,495
CATALYSTS	2018	8(12), 664	3,465
J INVEST ALLERG CLIN	2018	28, 186-189	3,457
NANOTECHNOLOGY	2018	29, 035401	3,404
NANOTECHNOLOGY	2018	29, 02560 3	3,404
J MATER RES TECHNOL	2018	7, 450-460	3,398
J BIOMED MATER RES B	2018	DOI:10.1002/jbm.b.34252	3,373
CRYSTENGCOMM	2018	20(34), 4954-4961	3,304
CRYSTENGCOMM	2018	20, 5632-5640	3,304
WORLD J GASTROENTERO	2018	24, 5063-5075	3,300
J IMMUNOL RES	2018	2018, 6043710	3,298
CHEMPLUSCHEM	2018	83, 300-307	3,205
ALCOHOL CLIN EXP RES	2018	42(10), 1828-1840	3,183
CHEMNANOMAT	2018	4, 781-784	3,173
PARASITE VECTOR	2018	11, 173	3,163
J SUPERCRIT FLUID	2018	10.1016/j.supflu.2018.07.027	3,122
CURR DRUG TARGETS	2018	19(3), 213-224	3,112
MOLECULES	2018	23, 47	3,098
MOLECULES	2018	23, 1008	3,098
CERAM INT	2018	44, 18560-18570	3,057
J MAGN MAGN MATER	2018	451, 654-659	3,046
POLYMERS-BASEL	2018	10, 117	2,935
ULTRAMICROSCOPY	2018	185, 42-48	2,929
SURF COAT TECH	2018	334, 328-335	2,906
SURF COAT TECH	2018	347, 358-368	2,906
EUR J ORG CHEM	2018	4512-4522	2,882
SUPERCOND SCI TECH	2018	32, 015004	2,861
J LUMIN	2018	204, 633-641	2,732

● Número de artículos publicados en 2018: **167**

● Factor de Impacto ≥ 4 (para todos los artículos publicados en 2018):

- Total Factor Impacto: **851,166**
 - Número de artículos: **115**
 - Factor de Impacto medio/artículo: **7,401**
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- Número de revistas con $2,5 \leq \text{Factor de Impacto} \leq 3$: **52**

PUBLICACIONES 2018 CON ÍNDICE DE IMPACTO ≥ 4



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|----------------------|----------------------|------------------------|----------------------|
| CHEM SOC REV | ADV MATER | SCI TRANSL MED | J AM CHEM SOC |
| ACS NANO | ADV FUNCT MATER | MATER HORIZ | NAT COMMUN |
| ANGEW CHEM INT EDIT | NANO LETT | SEMIN CANCER BIOL | J MATER CHEM A |
| CHEM MATER | SMALL | P NATL ACAD SCI USA | CURR BIOL |
| CHEM SCI | ACS APPL MATER INTER | EARTH-SCI REV | NANOSCALE |
| REDOX BIOL | CARBON | MOL THER | CHEM. ENG. J |
| DESALINATION | ORG LETT | MOL NEURODEGENER | ACTA BIOMATER |
| CHEM COMMUN | STROKE | ENVIRON SCI-NANO | J CEREBR BLOOD F MET |
| ANAL CHEM | NANOPHOTONICS-BERLIN | GLIA | SENSOR ACTUAT B-CHEM |
| FRONT IMMUNOL | CATAL SCI TECHNOL | J EXP BOT | CHEM EUR J |
| J COLLOID INTERF SCI | MAT SCI ENG C-MATER | FOOD CHEM | CHEM REC |
| J ORG CHEM | J MATER CHEM B | MOL PHARM | J PHYSIOL-LONDON |
| EUR J PHARM BIOPHARM | BIOCONJUGATE CHEM | J PHYS CHEM C | CHEMELECTROCHEM |
| MACROMOL RAPID COMM | APPL SURF SCI | PART PART SYST CHARACT | PLOS NEGLECT TROP D |
| QUATERNARY SCI REV | BIOCHEM PHARMACOL | INT J HYDROGEN ENERG | APL MATER |
| SCI REP-UK | DENT MATER | | |

PUBLICACIONES

Hole Transporting Materials for Perovskites Solar Cells: A Chemical Approach.
J. Urieta-Mora, I. García-Benito, A. Molina-Ontoria, N. Martín.
Chemical Society Reviews. **2018**. 47, 8541-8571.

Engineering Transport in Manganites by Tuning Local Nonstoichiometry in Grain Boundaries.

F. Chiabrera, F., I. Garbayo, L. López-Conesa, G. Martín, A. Ruiz-Caridad, M. Walls, L. Ruiz-González, A. Kordatos, M. Núñez, A. Morata, S. Estradé, A. Chronos, F. Peiró, A. Tarancón.

Advanced Materials. **2018**. 1805360 (1-8pp).

Ablation of the stress protease OMA1 protects against heart failure in mice.

R. Acin-Perez, A.V. Lechuga-Vieco, M.M. Muñoz, R. Nieto-Arellano, C. Torroja, F. Sánchez-Cabo, C. Jiménez, A. González-Guerra, I. Carrascoso, C. Benincá, P.M. Quiros, C. López-Otín, J.M. Castellano, J. Ruíz-Cabello, L.J. Jiménez-Borreguero, J.A. Enríquez.

Science Translational Medicine. **2018**. 10 (434), ean4935.

Nanocarbon-Based Glycoconjugates as Multivalent Inhibitors of Ebola Virus Infection.

L. Rodríguez-Perez, J. Ramos-Soriano, A. Perez-Sánchez, B. M. Illescas, A. Muñoz, J. Luczkowiak, F. Lasala, J. Rojo, R. Delgado, N. Martín.

Journal of the American Chemical Society. **2018**. 140, 9891-9898.

n-Extended Corannulene-based Nanographenes: Selective Formation of Negative Curvature.

J.M. Fernández-García, P.J. Evans, S. Medina Rivero, I. Fernández, D. García-Fresnadillo, J. Perles, J. Casado, N. Martín.

Journal of the American Chemical Society. **2018**. 140, 17188-17196.

Homogeneous Quenching Immunoassay for Fumonisin B1 Based on Gold Nanoparticles and an Epitope-Mimicking Yellow Fluorescent Protein.

R. Peltomaa, F. Amaro-Torres, S. Carrasco, G. Orellana, E. Benito-Peña, M.C. Moreno-Bondi.

ACS Nano. **2018**. 12(11), 11333-11342.

Heteroatom Effect on Star-shaped Hole-Transporting Materials for Perovskite Solar Cells.

I. García-Benito, I. Zimmermann, J. Urieta-Mora, J. Aragón, J. Calbo, J. Perles, A. Serrano, A. Molina-Ontoria, E. Ortí, N. Martín, M. K. Nazeeruddin.

Advanced Functional Materials. **2018**. 1801734.

Multicationic Sr₄Mn₃O₁₀ mesostructures: molten salt synthesis, analytical electron microscopy study and reactivity.

I.N. González-Jiménez, A. Torres-Pardo, S. Rano, C. Laberty, J.C. Hernández-Garrido, M. López-Haro, J. Calvino, M.A. Varela Losada, C. Sánchez, M. Parras, J.M. González-Calbet, D. Portehault.

Materials Horizons. **2018**. 5, 480-485

Positive and negative regulation of carbon nanotube catalysts through encapsulation within macrocycles.

M. Blanco, B. Nieto-Ortega, A. de Juan, M. Vera-Hidalgo, A. López-Moreno, S. Casado, L.R. González, H. Sawada, J.M. González-Calbet, E.M. Pérez.
Nature Communications. **2018**. 9, 2671

Exploring Tetrathiafulvalene-Carbon Nanodots Conjugates in Charge Transfer Reactions.

A. Ferrer-Ruiz, T. Scharl, P. Haines, L. Rodríguez-Pérez, A. Cadranet, M. Á. Herranz, D. M. Guldi, N. Martín.
Angewandte Chemie International Edition. **2018**. 57, 1001-1005.

Pathway complexity versus hierarchical self-assembly in N-annulated perylenes. Structural effects in seeded supramolecular polymerization.

E.E. Greciano, B. Matarranz, L. Sánchez.
Angewandte Chemie International Edition. **2018**. 57, 4697-4701.

Synthesis of a Helical Bilayer Nanographene.

P.J. Evans, J. Ouyang, L. Favereau, J. Crassous, I. Fernández, J. Perles Hernáez, N. Martín.
Angewandte Chemie International Edition. **2018**. 57, 6774-6779.

Unraveling Dzyaloshinskii-Moriya Interaction and Chiral Nature of Graphene/Cobalt Interface.

F. Ajejas, A. Gudin, R. Guerrero, A.A. Barcelona, J.M. Diez, L.D. Costa, P. Olleros, M. A. Nino, S. Pizzini, J. Vogel, M. Valvidares, P. Gargiani, M. Cabero, M. Varela, J. Camarero, R. Miranda, P. Perna.
Nano Letters. **2018**. 18, 5364-5372.

Blocking Ras inhibition as an antitumor strategy.

N.I. Marín-Ramos, S. Ortega-Gutiérrez, M.L. López-Rodríguez.
Seminars in Cancer Biology. **2018**. doi: 10.1016/j.semcan.2018.01.017.

Low thermal conductivity in La-filled cobalt antimonide skutterudites with an inhomogeneous filling factor prepared under high-pressure conditions.

F. Serrano-Sanchez, J. Prado-Gonjal, N.M. Nemes, N. Biskup, M. Varela, O.J. Dura, J.L. Martínez, M.T. Fernández-Díaz, F. Fauth, J.A. Alonso.
Journal of Materials Chemistry A. **2018**. 6, 118-126.

Influence of the Hole-Transporting Material's Aromatic Core in Power Conversion Efficiency of Perovskite Solar Cells.

R. Sandoval-Torrientes, I. Zimmermann, J. Calbo, J. Aragón, J. Santos, E. Ortí, N. Martín, M.K. Nazeeruddin.
Journal of Materials Chemistry A. **2018**. 6, 5944-5951.

Controlled synthesis of lithium doped tin dioxide nanoparticles by a polymeric precursor method and analysis of the resulting defect structure.

F. del Prado, A. Cremades, D. Maestre, J. Ramírez-Castellanos, J.M. González-Calbet, J. Piqueras.
Journal of Materials Chemistry A. **2018**. 6, 6299-6308.

Nickel-Doped Sodium Cobaltite 2D Nanomaterials: Synthesis and Electrocatalytic Properties.

A. Azor, M.L. Ruiz-Gonzalez, F. Gonell, C. Laberty-Robert, M. Parras, C. Sanchez, D. Portehault, J.M. González-Calbet.

Chemistry of Materials. **2018**. 30, 4986-4994

Electrochemical Intercalation of Calcium and Magnesium in TiS₂: Fundamental Studies Related to Multivalent Battery Applications.

D.S. Tchitchekova, A. Ponrouch, R. Verrelli, T. Broux, C. Frontera, A. Sorrentino, F. Barde, N. Biskup, M.E. Arroyo-de Dompablo, M.R. Palacín.

Chemistry of Materials. **2018**. 30, 847-856.

Surface ferromagnetism in Pr_{0.5}Ca_{0.5}MnO₃ nanoparticles as a consequence of local imbalance Mn³⁺:Mn⁴⁺ ratio.

H.D. Aliyu, J.M. Alonso, P. de la Presa, W. Pottker, B. Ita, M. García-Hernández, A. Hernando.

Chemistry of Materials. **2018**. 30, 7138-7145.

Multifunctional protocells for enhanced penetration in 3d extracellular tumoral matrices.

M.R. Villegas, A. Baeza, A. Noureddine, P. Durfee, K. Butler, J. Agola, J.C. Brinker, M. Vallet Regí.

Chemistry of Materials. **2018**. 30, 112-120.

Dibenzoquinethiophene- and Dibenzosexithiophene-Based Hole-Transporting Materials for Perovskite Solar Cells.

J. Urieta-Mora, I. Zimmermann, J. Aragón, A. Molina Ontoria, E. Ortí, N. Martín, M. Nazeeruddin.

Chemistry of Materials. **2018**. DOI: 10.1021/acs.chemmater.8b04003.

Tunable energy landscapes to control pathway complexity in self-assembled N-heterotriangulenes. Living and seeded supramolecular polymerization.

J. S. Valera, R. Gómez, L. Sánchez.

Small. **2018**. 14, 1702437(1-9).

Highly Fluorescent Magnetic Nanobeads with a Remarkable Stokes Shift as Labels for Enhanced Detection in Immunoassays.

F. Salis, A.B. Descalzo, E. Benito-Peña, M.C. Moreno-Bondi, G. Orellana.

Small. **2018**. 1703810, 1-10.

Cyclin E1 and cyclin-dependent kinase 2 are critical for initiation, but not for progression of hepatocellular carcinoma.

R. Sonntag, N. Giebeler, Y.A. Nevzorova, J.M. Bangen, D. Fahrenkamp, D. Lambertz, U. Haas, N. Gassler, F.J. Cubero, G. Müller-Newen, A.T. Abdallah, R. Weiskirchen, F. Ticconi, I.G. Costa, M. Barbacid, C. Trautwein, C. Liedtke.

Proceedings of the National Academy of Sciences. **2018**. 115(37), 9282-9287.

Recovery of "Lost" Infant Memories in Mice. Recovery of "Lost" Infant Memories in Mice.

A. Guskjolen, J.W. Kenney, J. de la Parra, B.A. Yeung, S.A. Josselyn, P.W. Frankland.

Current Biology. **2018**. 28(14), 2283-2290.

Lab-on-a-micromotor: catalytic Janus particles as mobile microreactors for tailored synthesis of nanoparticles.

M. Pacheco, B. Jurado-Sánchez, A. Escarpa.
Chemical Science. **2018**. 9, 8056-8064.

Understanding Complex Supramolecular Landscapes: Non-covalent Macrocyclization Equilibria Examined by Fluorescence Resonance Energy Transfer.

M.J. Mayoral, D. Serrano-Molina, J. Camacho-García, E. Magdalena-Estirado, M. Blanco-Lomas, E. Fadaei, D. González-Rodríguez.
Chemical Science. **2018**. 9, 7809-7821.

Interfacing porphyrins and carbon nanotubes through mechanical links.

L. Juan-Fernández, P.W. Munich, A. Puthiyedath, B. Nieto-Ortega, S. Casado, L. Ruiz-González, E.M. Pérez, D.M. Guldi.
Chemical Science. **2018**. 9, 6779-6784.

Reversible dispersion and release of carbon nanotubes via cooperative clamping interactions with hydrogen-bonded nanorings.

R. Chamorro, L. de Juan-Fernández, B. Nieto-Ortega, M. J. Mayoral, S. Casado, L. Ruiz-González, E.M. Pérez, D. González-Rodríguez.
Chemical Science. **2018**. 9, 4176-4184.

Mixed matrix polytetrafluoroethylene/Polysulphone electrospun nanofibrous membranes for water desalination by membrane distillation.

M. Khayet, R. Wang.
ACS Applied Materials & Interfaces. **2018**. 10(28), 24275-24287.

Beyond traditional hyperthermia. In vivo cancer treatment with magnetic-responsive mesoporous silica nanocarriers.

E. Guisasola, L. Asín, L. Beola, J.M. de la Fuente, A. Baeza, M. Vallet-Regí.
ACS Applied Materials & Interfaces. **2018**. 10, 12518-12525.

Polydopamine-like coatings as payload gatekeepers for mesoporous silica nanoparticles.

M.A. Moreno, J. Sedó, E. Guisasola, A. Baeza, M. Vallet Regí, F. Nador, D. Ruiz.
ACS Applied Materials & Interfaces. **2018**. 10, 7661-7669.

Control of Polar Orientation and Lattice Strain in Epitaxial BaTiO₃ Films on Silicon.

J. Lyu, S. Estandia, J. Gázquez, M. Chisholm, I.Fina, N. Dix, J. Fontcuberta, F. Sánchez.
ACS Applied Materials & Interfaces. **2018**. 10, 25529-25535.

Magnetoresistance in Hybrid Pt/CoFe₂O₄ Bilayers Controlled by Competing Spin Accumulation and Interfacial Chemical Reconstruction

H.B. Vasili, M. Gamino, J. Gázquez, F. Sánchez, M. Valvidares, P. Gargiani, E. Pellegrin, J. Fontcuberta.
ACS Applied Materials & Interfaces. **2018**. 10-14, 12031-12041.

Review of the Cambrian Pampean orogeny of Argentina; a displaced orogen formerly attached to the Saldania Belt of South Africa?

C. Casquet, J. Dahlquist, S. Verdecchia, E. Baldo, C. Galindo, C.W. Rapela, R.J. Pankhurst, M. Morales, J. Murra, C.M. Fanning.
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