

Listado de Candidatos

Este listado incluye los datos de los candidatos elegibles que se han presentado a la XI Edición de los Premios SusChem-JIQ, que han dado su conformidad a figurar en un listado público.

CATEGORÍA FUTURA

Premio al mejor expediente académico de grado de química o cualquier otro relacionado con la ciencia y la tecnología químicas y cuyo título se hubiera obtenido en 2018.

1. [Diego Rodríguez Llorente](#) – Graduado en Ingeniería Química por la Universidad Autónoma de Madrid (9,18)
2. [Pablo Serna Gallén](#) – Graduado en Química por la Universidad Jaime I de Castellón (9,71)
3. [Aaron Teran More](#) – Graduado en Química por la Universidad Complutense de Madrid (8,54)

CATEGORÍA PREDOC

Premio al autor de la mejor publicación científica, con número de página de 2018, en cualquier área de la química, y que no estuviera en posesión del título de doctor a 31 de diciembre de 2018.

1. [Ana Isabel Benitez Mateos](#) - Self-sufficient flow biocatalysis by coimmobilization of pyridoxal-5'-phosphate and w-transaminases onto porous carriers (ACS sustainable Chemistry and Engineering)
2. [Pablo Bonilla Domínguez](#) – Photo-Organocatalytic Enantioselective Radical Cascade Reactions of Unactivated Olefins (Angewandte Chemie International Edition)
3. [Santiago Cañellas Román](#) - Nickel-Catalyzed Reductive [2+2] Cycloaddition of Alkynes (Journal of the American Chemical Society)
4. [Marta Castiñeira Reis](#) - Pushing the limits of concertedness. A waltz of wandering carbocations (Chemical Science)

XI Premios SusChem - Jóvenes Investigadores Químicos
2019

5. [Scartlet Katherine Cobos Cabrera](#) Chiral-to-Chiral Communication In Polymers: A Unique Approach To Control Both Helical Sense And Chirality At The Periphery (Journal Of The American Society)
6. [Edvin Fako](#) - A heterogeneous single-atom palladium catalyst surpassing homogeneous systems for Suzuki coupling (Nature Nanotechnology)
7. [Javier López Cabrelles](#) - Isorecticular two-dimensional magnetic coordination polymers prepared through pre-synthetic ligand functionalization (Nature Chemistry)
8. [Carlos Moreno Cruz](#) - Undecabenz[7]superhelicene: A Helical Nanographene Ribbon as a Circularly Polarized Luminescence Emitter (Angewandte Chemie International Edition)
9. [Sergio Pérez Conesa](#) - Extracting the Americyl Hydration from an Americium Cationic Mixture in Solution: A Combined X-ray Absorption Spectroscopy and Molecular Dynamics Study (Inorganic Chemistry)
10. [Eva Rivera Chao](#) - Synthesis of Stereodefined Borylated Dendralenes through Copper-Catalyzed Allylboration of Alkynes (Angewandte Chemie)
11. [Víctor Rubio Giménez](#) - Bottom-Up Fabrication of Semiconductive Metal-Organic Framework Ultrathin Films (Advanced Materials)
12. [Víctor Ruiz-Valdepeñas Montiel](#) - Delayed sensor activation based on transient coatings: biofouling protection in complex biofluids (JOURNAL OF THE AMERICAN CHEMICAL SOCIETY)
13. [Vanesa Salamanca Verdugo](#) - [2,2'-Bipyridin]-6(1H)-one, a Truly Cooperating Ligand in the Palladium-Mediated C-H Activation Step: Experimental Evidence in the Direct C-3 Arylation of Pyridine (Journal of the American Chemical Society)
14. [Jesús San José Orduna](#) - HFIP-Assisted C-H Functionalization by Cp*CoIII: Access to Key Reactive Cobaltacycles and Implication in Catalysis (Angewandte Chemie International Ed)
15. [Iván Torres Moya](#) - High thermal stability, pH responsive organogels of 2H-benzo[d][1,2,3-triazole derivatives as pharmaceutical crystallization media (Cryst. Eng. Comm)
16. [Andreu Tortajada Navarro](#) - Ni-Catalyzed Site-Selective Dicarboxylation of 1,3-Dienes with CO₂ (Journal of the American Chemical Society)
17. [Iván Varela Sandá](#) - Gold(II)-Catalyzed Enantioselective Annulations between Allenes and Alkene-Tethered Oxime Ethers: A Straight Entry to Highly

XI Premios SusChem - Jóvenes Investigadores Químicos 2019

Substituted Piperidines and aza-Bridged Medium Sized Carbocycles (Journal of the American Chemical Society)

18. [David Ventura Espinosa](#) - High Production of Hydrogen on Demand from Silanes Catalyzed by Iridium Complexes as a Versatile Hydrogen Storage System (ACS Catalysis)

CATEGORÍA POSTDOC

Premio al autor de la mejor publicación científica, con número de página de 2018, en cualquier área de la química, y que estuviera en posesión del título de doctor a 31 de diciembre de 2018.

1. [Juan Vicente Alegre Requena](#) - Heterobiaryl synthesis by contractive C-C coupling via P(V) intermediates (Science)
2. [Iñaki Bastida Saiz](#) - Building C(sp³)-rich complexity by combining cycloaddition and C-C cross-coupling reactions (Nature)
3. [Juan Carlos de Haro Sánchez](#) - Full conversion of oleic acid to estolide esters, biodiesel and choline carboxylates in three easy steps (Journal of Cleaner Production)
4. [Marc Font Molins](#) - Rhodium(III)-Catalyzed Annulation of 2-Alkenyl Anilides with Alkynes through C-H Activation: Direct Access to 2-Substituted Indolines (Angewandte Chemie International Edition)
5. [Marc García Borràs](#) - Catalytic iron-carbene intermediate revealed in a cytochrome c carbene transferase (Proceedings of the National Academy of Sciences of the United States of America)
6. [José Miguel González Domínguez](#) - Production of Ready-to-Use Few-Layer Graphene In Aqueous Suspensions (Nature Protocols)
7. [Marta Marín Luna](#) - Size-dependent rate acceleration in the silylation of secondary alcohols: the bigger the faster (Chemical Science)
8. [Alberto Martínez Cueva](#) - Enantioselective Formation of 2-Azetidinones by Ring-Assisted Cyclization of Interlocked N-(α -Methyl)benzyl Fumaramides (ANGEWANDTE CHEMIE INTERNATIONAL EDITION)
9. [Ángela Martín-Serrano Ortíz](#) - Design of Multivalent Fluorescent Dendritic Probes for Site-Specific Labeling of Biomolecules (Journal Of Polymer Science Part A: Polymer Chemistry)

XI Premios SusChem - Jóvenes Investigadores Químicos
2019

10. [Sara Patricia Morcillo Martínez](#) - Photoinduced Remote Functionalisations by Iminyl Radical Promoted C- C And C- H Bond Cleavage Cascades (Angewandte Chemie International Edition)
11. [Mario J. Muñoz Batista](#) - Phase-Contact Engineering in Mono- and Bimetallic Cu-Ni Co-Catalysts For Hydrogen Photocatalytic Materials (Angewandte Chemie International Edition)
12. [Elena Navarrete Astorga](#) - A new concept of a transparent photocapacitor (Chemical Communications)
13. [Sara Rojas Macías](#) - Metal-Organic Frameworks as Efficient Oral Detoxifying Agents (Journal Of The American Chemical Society)
14. [Beatriz Sarrión Aceytuno](#) - Pressure Effect on the multicycle activity of natural carbonates and a Ca/Zr composite for energy storage of Concentrated Solar Power (ACS SUSTAINABLE CHEMISTRY & ENGINEERING)
15. [Bartolomé Soberats Reus](#) - Self-assembly of multi-stranded perylene dye J-aggregates in columnar liquid-crystalline phases (NATURE COMMUNICATIONS)
16. [Christian Vidal Vides](#) - Concurrent and orthogonal gold(I) and ruthenium(II) catalysis inside living cells (Nature Communications)

Contacto

Cristina González, *Secretaria Técnica SusChem - España*

17. Tel.: 91 431 79 64 - Email: secretariatecnica@suschem-es.org