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| **List Of 2017 Reports**   |  |  |  | | --- | --- | --- | | **ID#** | **Title, First Author, and Category** | **Status** | | [**275**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=275) | **Title:** Advances in Asphaltene Petroleomics. Part 1: Asphaltenes Are Composed of Abundant Island and Archipelago Structural Motifs  **First Author:** Chacon-Patino, M.L., National High Magnetic Field Laboratory, National High Magnetic Field Laboratory, chacon@magnet.fsu.edu  **PI:** Rodgers, R.P., National High Magnetic Field Laboratory, National High Magnetic Field Laboratory, Rodgers@magnet.fsu.edu  **Category:** Chemistry - Petroleum  **Facility:** ICR Facility  **Highest Measured Field:** 9.4 T  **UCGP:** No    **VSP:** No   **Accepted by** Energy & Fuels Chacón-Patiño, M. L., et al., Energy & Fuels, X(x), xxx-xxx (2017)  **Sign. Achievement:** **Yes**  **Director's Recommendation: Yes, definitely**  **Director's Comments:** None | Approved | | [**276**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=276) | **Title:** Advances in Asphaltene Petroleomics 2. A Selective Separation Method that Reveals Fractions Enriched in Island and Archipelago Structural Motifs by Mass Spectrometry  **First Author:** Chacon-Patino, M.L., National High Magnetic Field Laboratory, chacon@magnet.fsu.edu  **PI:** Rodgers, R.P., National High Magnetic Field Laboratory, Rodgers@magnet.fsu.edu  **Category:** Chemistry - Petroleum  **Facility:** ICR Facility  **Highest Measured Field:** 9.4 T  **UCGP:** No    **VSP:** No   **Accepted by** Energy & Fuels Chacón-Patiño, M. L., et al., Energy & Fuels, X(x), xxx-xxx (2017)  **Sign. Achievement:** **Yes**  **Director's Recommendation: Yes, definitely**  **Director's Comments:** None | Approved | | [**263**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=263) | **Title:** Dual-Column Aromatic Ring Class Separation with Improved Universal Detection across Mobile-Phase Gradients via Eluate Dilution  **First Author:** Putman, J.C., Florida State University, Department of Chemistry, jputman@magnet.fsu.edu  **PI:** Rodgers, R.P., National High Magnetic Field Laboratory, Ion Cyclotron Resonance, Rodgers@magnet.fsu.edu  **Category:** Chemistry - Petroleum  **Facility:** ICR Facility  **Highest Measured Field:** 9.4 T  **UCGP:** No    **VSP:** No   **Published in** Energy & Fuels 31, 12064-12071 (2017)  **Sign. Achievement:** No  **Director's Recommendation: Yes**  **Director's Comments:** None | Approved | | [**355**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=355) | **Title:** 126,264 Assigned Chemical Formulas from an Atmospheric Pressure Photoionization 9.4 Tesla Fourier Transform Positive Ion Cyclotron Resonance Mass Spectrum  **First Author:** Krajewski, L.C., NHMFL, ICR, krajewski@magnet.fsu.edu  **PI:** Rodgers, R.P., NHMFL, ICR, rodgers@magnet.fsu.edu  **Category:** Chemistry - Petroleum  **Facility:** ICR Facility  **Highest Measured Field:** 9.4 T  **UCGP:** No    **VSP:** No   **Published in** Anal. Chem. 89/21/11318-11324  **Sign. Achievement:** No  **Director's Recommendation: Yes**  **Director's Comments:** None | Approved | | [**353**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=353) | **Title:** Functional Isomers in Petroleum Emulsion Interfacial Material Revealed by Ion Mobility Mass Spectrometry and Collision-Induced Dissociation   **First Author:** Lalli, P, NHMFL, ICR, lalli@magnet.fsu.edu  **PI:** Rodgers, R, NHMFL, ICR, rodgers@magnet.fsu.edu  **Category:** Chemistry - Petroleum  **Facility:** ICR Facility  **Highest Measured Field:** 9.4 T  **UCGP:** No    **VSP:** No   **Published in** Energy & Fuels 31/1/311-318  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**354**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=354) | **Title:** Method for Isolation and Detection of Ketones Formed from High-Temperature Naphthenic Acid Corrosion  **First Author:** Krajewski, L.C., NHMFL, ICR, krajewski@magnet.fsu.edu  **PI:** Bota, G, Ohio University, Chemical and Biomolecular Engineering, bota@ohio.edu  **Category:** Chemistry - Petroleum  **Facility:** ICR Facility  **Highest Measured Field:** 9.4 T  **UCGP:** No    **VSP:** No   **Published in** Energy & Fuels 31/10/10674-10679  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | **Total Reports: 6** | | | |