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| **List Of 2017 Reports**

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| **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 |
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