

10. Cross-Reference of Project Investigators, Projects, and Organizations

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2-61	Abraham, Dan; Argonne National Laboratory. Diagnostic Studies on Li-Battery Cells and Cell Components (Energy Storage Technologies)
2-49	Abraham, Dan; Argonne National Laboratory. Novel Electrolytes and Additives for PHEV Applications (Energy Storage Technologies)
4-35	Aceves, Salvador; Lawrence Livermore National Laboratory. Computationally Efficient Modeling of High-Efficiency Clean Combustion Engines (Advanced Combustion Engine Technologies)
2-10	Alamgir, Mohamed; LG Chem, Michigan. A High-Performance PHEV Battery Pack (Energy Storage Technologies)
7-50	Allard, Larry; Oak Ridge National Laboratory. Ultra-High Resolution Electron Microscopy for Catalyst Characterization (Materials Technologies: Propulsion Materials)
2-67	Amine, Khalil; Argonne National Laboratory. Develop and Evaluate Materials and Additives that Enhance Thermal and Overcharge Abuse (Energy Storage Technologies)
2-46	Amine, Khalil; Argonne National Laboratory. Developing High Capacity, Long Life Anodes (Energy Storage Technologies)
2-96	Amine, Khalil; Argonne National Laboratory. Electrolytes - Advanced Electrolyte and Electrolyte Additives (Energy Storage Technologies)
2-38	Amine, Khalil; Argonne National Laboratory. Engineering of High Energy Cathode Materials (Energy Storage Technologies)
2-40	Amine, Khalil; Argonne National Laboratory. New High Energy Gradient Concentration Cathode Material (Energy Storage Technologies)
3-26	Anderson, Iver; Ames. Permanent Magnet Development for Automotive Traction Motors (Power Electronics and Electrical Machines Technologies)
2-137	Angell, Austen; Arizona State University. Electrolytes and Separators for High Voltage Li Ion Cells (Energy Storage Technologies)
8-8	Anstrom, Joel; Pennsylvania State University. Penn State DOE Graduate Automotive Technology Education (Gate) Program for In-Vehicle, High-Power Energy Storage Systems (Technology Integration)
4-51	Assanis, Dennis; University of Michigan. A University Consortium on Efficient and Clean High-Pressure, Lean Burn (HPLB) Engines (Advanced Combustion Engine Technologies)
3-14	Balachandran, Uthamalingam; Argonne National Laboratory. High Dielectric Constant Capacitors for Power Electronic Systems (Power Electronics and Electrical Machines Technologies)
2-116	Balsara, Nitash; Lawrence Berkeley National Laboratory. Polymers For Advanced Lithium Batteries (Energy Storage Technologies)
2-6	Barnett, Brian; TIAX LLC. PHEV and LEESB Battery Cost Assessment (Energy Storage Technologies)
1-53	Barnitt, Robb; National Renewable Energy Laboratory. Analysis of Battery Wear and V2G Benefits Using Real-world Drive Cycles and Ambient Data (Hybrid and Vehicle Systems Technologies)
1-51	Barnitt, Robb; National Renewable Energy Laboratory. Medium- and Heavy-Duty Electric Drive Vehicle Simulation and Analysis (Hybrid and Vehicle Systems Technologies)

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2-107	Battaglia, Vince; Lawrence Berkeley National Laboratory. Fundamental Approach to Electrode Fabrication and Failure Analysis (Energy Storage Technologies)
2-56	Battaglia, Vince; Lawrence Berkeley National Laboratory. Scale-up and Testing of Advanced Materials from the BATT Program (Energy Storage Technologies)
1-100	Bazzi, Abdullah; Chrysler LLC. Advancing Plug In Hybrid Technology and Flex Fuel Application on a Chrysler Mini-Van PHEV DOE Funded Project (Hybrid and Vehicle Systems Technologies)
1-107	Bazzi, Abdullah; Chrysler LLC. Advancing Transportation Through Vehicle Electrification - PHEV (Hybrid and Vehicle Systems Technologies)
2-43	Belharouak, Ilias; Argonne National Laboratory. Evaluation of Li ₂ MnSiO ₄ Cathode (Energy Storage Technologies)
3-42	Bennion, Kevin; National Renewable Energy Laboratory. Electric Motor Thermal Management (Power Electronics and Electrical Machines Technologies)
7-16	Blau, Peter; Oak Ridge National Laboratory. Friction and Wear Enhancement of Titanium Alloy Engine Components (Materials Technologies: Propulsion Materials)
7-38	Blau, Peter; Oak Ridge National Laboratory. Materials for High Pressure Fuel Injection Systems (Materials Technologies: Propulsion Materials)
1-76	Bohn, Ted; Argonne National Laboratory. Codes and Standards to Support Vehicle Electrification (Hybrid and Vehicle Systems Technologies)
4-48	Briggs, Tom; Oak Ridge National Laboratory. High Efficiency Engine Systems Development and Evaluation (Advanced Combustion Engine Technologies)
5-2	Bunting, Bruce; Oak Ridge National Laboratory. Fuel and Lubricant Effects (Fuels & Lubricants Technologies)
3-30	Burress, Tim; Oak Ridge National Laboratory. A New Class of Switched Reluctance Motors without Permanent Magnets (Power Electronics and Electrical Machines Technologies)
3-9	Burress, Tim; Oak Ridge National Laboratory. Benchmarking of Competitive Technologies (Power Electronics and Electrical Machines Technologies)
2-139	Cabana, Jordi; Lawrence Berkeley National Laboratory. Integrated Lab/Industry Research Project at LBNL (Energy Storage Technologies)
2-103	Cabana, Jordi; Lawrence Berkeley National Laboratory. Investigation of critical parameters in Li-ion battery electrodes (Energy Storage Technologies)
1-39	Carleson, Barney; Idaho National Laboratory. Electric Drive and Advanced Battery and Components Testbed (EDAB) (Hybrid and Vehicle Systems Technologies)
1-120	Carleson, Marc; Coulomb. Electric Drive Vehicle Infrastructure Deployment (Hybrid and Vehicle Systems Technologies)
4-40	Carrington, David; Los Alamos National Laboratory. 2011 DOE Vehicle Technologies KIVA-Development (Advanced Combustion Engine Technologies)
2-86	Ceder, Gerbrand; University of Cambridge. First Principles Calculations and NMR Spectroscopy of Electrode Materials (Energy Storage Technologies)
1-116	Cesiel, Greg; General Motors. Advanced Vehicle Electrification and Transportation Sector Electrification (Hybrid and Vehicle Systems Technologies)

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1-24	Cesiel, Greg; General Motors. Plug-in Hybrid (PHEV) Vehicle Technology Advancement and Demonstration Activity (Hybrid and Vehicle Systems Technologies)
1-22	Chambon, Paul; Oak Ridge National Laboratory. PHEV Engine Control and Energy Management Strategy (Hybrid and Vehicle Systems Technologies)
2-71	Chen, Guoying; Lawrence Berkeley National Laboratory. Overcharge Protection for PHEV Batteries (Energy Storage Technologies)
2-101	Chen, Guoying; Lawrence Berkeley National Laboratory. Studies on Oxide Cathode Crystals (Energy Storage Technologies)
2-105	Chiang, Yet-Ming; Massachusetts Institute of Technology. New Electrode Designs for Ultrahigh Energy Density (Energy Storage Technologies)
3-11	Chinthavali, Madhu; Oak Ridge National Laboratory. Wide Bandgap Materials (Power Electronics and Electrical Machines Technologies)
4-31	Ciatti, Steve; Argonne National Laboratory. Use of Low Cetane Fuel to Enable Low Temperature Combustion (Advanced Combustion Engine Technologies)
4-130	Confer, Keith; Delphi Automotive Systems. Gasoline Ultra Fuel Efficient Vehicle (Advanced Combustion Engine Technologies)
6-56	Cullum, Terry; USAMP/ASP. AHSS Stamping Project - A/SP 050; Nonlinear Strain Paths Project - A/SP 061 (Materials Technologies)
4-46	Curran, Scott; Oak Ridge National Laboratory. High Efficiency Clean Combustion in Multi-Cylinder Light-Duty Engines (Advanced Combustion Engine Technologies)
2-143	Dai, Sheng; Oak Ridge National Laboratory. Hard Carbon Materials for High-Capacity Li-ion Battery Anodes (Energy Storage Technologies)
2-75	Daniel, Claus; Oak Ridge National Laboratory. In-situ characterization and diagnostics of mechanical degradation in electrodes (Energy Storage Technologies)
2-123	Daniel, Claus; Oak Ridge National Laboratory. Intercalation Kinetics and Ion Mobility in Electrode Materials (Energy Storage Technologies)
1-26	D'Annunzio, Julie; Ford Motor Company. Ford Plug-In Project: Bringing PHEVs to Market (Hybrid and Vehicle Systems Technologies)
7-58	Das, Sujit; Oak Ridge National Laboratory. Life Cycle Modeling of Propulsion Materials (Materials Technologies: Propulsion Materials)
6-3	Das, Sujit; Oak Ridge National Laboratory. Technical Cost Modeling - Life Cycle Analysis Basis for Program Focus (Materials Technologies)
1-47	Daw, Stuart; Oak Ridge National Laboratory. Advanced PHEV Engine Systems and Emissions Control Modeling and Analysis (Hybrid and Vehicle Systems Technologies)
4-59	Daw, Stuart; Oak Ridge National Laboratory. CLEERS Coordination & Joint Development of Benchmark Kinetics for LNT & SCR (Advanced Combustion Engine Technologies)
4-43	Daw, Stuart; Oak Ridge National Laboratory. Stretch Efficiency for Combustion Engines: Exploiting New Combustion Regimes (Advanced Combustion Engine Technologies)
8-22	De La Rosa, Kristen; Argonne National Laboratory. EcoCAR the Next Generation (Technology Integration)

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2-59	Dees, Dennis; Argonne National Laboratory. Electrochemistry Cell Model (Energy Storage Technologies)
6-42	Derezinski, Steve; MOxST. Solid Oxide Membrane (SOM) Electrolysis of Magnesium: Scale-Up Research and Engineering for Light-Weight Vehicles (Materials Technologies)
3-52	DeVoto, Doug; National Renewable Energy Laboratory. Physics of Failure of Electrical Interconnects (Power Electronics and Electrical Machines Technologies)
3-16	Dirk, Shawn; Sandia National Laboratories. High Temperature Polymer Capacitor Dielectric Films (Power Electronics and Electrical Machines Technologies)
2-85	Doeff, Marca; Lawrence Berkeley National Laboratory. Olivines and Substituted Layered Materials (Energy Storage Technologies)
1-73	Duoba, Mike; Argonne National Laboratory. HEV, PHEV, BEV Test Standard Validation (Hybrid and Vehicle Systems Technologies)
3-22	El-Refaie, Ayman; General Electric Global. Scalable, Low-Cost, High Performance IPM Motor for Hybrid Vehicles (Power Electronics and Electrical Machines Technologies)
2-15	Engstrom, Scott; Johnson Controls-Saft. JCS PHEV System Development-USABC (Energy Storage Technologies)
7-52	Erdemir, Ali; Argonne National Laboratory. Low-Friction Hard Coatings (Materials Technologies: Propulsion Materials)
7-46	Erdemir, Ali; Argonne National Laboratory. Ultra-Fast Chemical Conversion Surfaces (Materials Technologies: Propulsion Materials)
8-10	Erickson, Paul; University of California-Davis. UC Davis Fuel Cell, Hydrogen, and Hybrid Vehicle (FCH2V) GATE Center of Excellence (Technology Integration)
6-20	Feng, Zhili; Oak Ridge National Laboratory. Dynamic Characterization of Spot Welds for AHSS (Materials Technologies)
1-8	Fenske, George; Argonne National Laboratory. Boundary Layer Lubrication Mechanisms (Hybrid and Vehicle Systems Technologies)
1-87	Fenske, George; Argonne National Laboratory. Development of High Power Density Driveline for Vehicles (Hybrid and Vehicle Systems Technologies)
1-11	Fenske, George; Argonne National Laboratory. DOE/DOD Parasitic Energy Loss Collaboration (Hybrid and Vehicle Systems Technologies)
7-7	Fenske, George; Argonne National Laboratory. Fuel Injector Holes (Materials Technologies: Propulsion Materials)
1-28	Francfort, Jim; Idaho National Laboratory. Idaho National Laboratory Testing of Advanced Technology Vehicles (Hybrid and Vehicle Systems Technologies)
1-31	Friesner, Jan; Navistar, Inc.. Development and Deployment of Generation 3 Plug-In Hybrid Electric School Buses (Hybrid and Vehicle Systems Technologies)
2-157	Gallagher, Kevin; Argonne National Laboratory. PHEV Battery Cost Assessment (Energy Storage Technologies)
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2-18	Gardner, Jamie; 3M. Advanced Cathode Material Development for PHEV Lithium Ion Batteries (Energy Storage Technologies)
2-127	Gering, Kevin; Idaho National Laboratory. Diagnostic Testing and Analysis Toward Understanding Aging Mechanisms and Related Path Dependence (Energy Storage Technologies)
2-53	Gering, Kevin; Idaho National Laboratory. Novel Phosphazene-based Compounds for Enhancing Electrolyte Stability and Safety of Lithium-ion Cells (Energy Storage Technologies)
7-11	Glass, Robert; Lawrence Livermore National Laboratory. NOx Sensor Development (Materials Technologies: Propulsion Materials)
1-70	Gonder, Jeffrey; National Renewable Energy Laboratory. Advanced HEV/PHEV Concepts (Hybrid and Vehicle Systems Technologies)
1-17	Gonder, Jeffrey; National Renewable Energy Laboratory. Analyzing Fuel Saving Opportunities through Driver Feedback Mechanisms (Hybrid and Vehicle Systems Technologies)
1-61	Gonder, Jeffrey; National Renewable Energy Laboratory. Real-World PHEV Fuel Economy Prediction (Hybrid and Vehicle Systems Technologies)
2-95	Goodenough, John; University of Texas at Austin. Search for New Anode Materials (Energy Storage Technologies)
1-112	Gosbee, Darren; Navistar, Inc.. Advanced Vehicle Electrification (Hybrid and Vehicle Systems Technologies)
1-81	Gowri, Krishnan; Pacific Northwest National Laboratory. Testing and Validation of Vehicle to Grid Communication Standards (Hybrid and Vehicle Systems Technologies)
7-9	Grant, Glenn; Pacific Northwest National Laboratory. Tailored Materials for Advanced CIDI Engines (Materials Technologies: Propulsion Materials)
4-88	Greenbaum, Dan; Health Effects Institute. Advanced Collaborative Emissions Study (ACES) (Advanced Combustion Engine Technologies)
8-24	Guezennec, Yann; Ohio State University. OSU GATE Project (Technology Integration)
4-108	Gupta, Sreenath; Argonne National Laboratory. Rapid Compression Machine - A Key Experimental Device to Effectively Collaborate with Basic Energy Sciences (Advanced Combustion Engine Technologies)
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4-73	Harold, Michael; University of Houston. Development of Optimal Catalyst Designs and Operating Strategies for Lean NOx Reduction in Coupled LNT-SCR Systems (Advanced Combustion Engine Technologies)
3-36	Hefner, Allen; National Institute of Standards and Technology. Electro-thermal-mechanical Simulation and Reliability for Plug-in Vehicle Converters and Inverters (Power Electronics and Electrical Machines Technologies)
2-89	Henderson, Wesley; North Carolina State University. Inexpensive, Nonfluorinated (or Partially Fluorinated) Anions for Lithium Salts and Ionic Liquids for Lithium Battery Electrolytes (Energy Storage Technologies)
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6-47	Horstemeyer, Mark; Mississippi St University. Southern Regional Center for Lightweight Innovative Design (SRCLID) (Materials Technologies)
6-58	Houston, Dan; USAMP/ACC. Advanced Materials and Processing of Composites for High Volume Applications (ACC932) (Materials Technologies)

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4-141	Huxtable, Scott; VPI & SU. An integrated approach towards efficient, scalable, and low cost thermoelectric waste heat recovery devices for vehicles (Advanced Combustion Engine Technologies)
8-12	Irick, David; University of Tennessee. The University of Tennessee's GATE Center for Hybrid Systems (Technology Integration)
4-118	Jadin, Dennis; Navistar International Corp.. Supertruck - Development and Demonstration of a Fuel-Efficient Class 8 Tractor & Trailer (Advanced Combustion Engine Technologies)
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2-25	Jang, Bor; Angstrom Materials. Hybrid Nano Carbon Fiber/Graphene Platelet-Based High-Capacity Anodes for Lithium Ion Batteries (Energy Storage Technologies)
2-48	Jansen, Andrew; Argonne National Laboratory. Develop Improved Methods for Making Intermetallic Anodes (Energy Storage Technologies)
2-57	Jansen, Andrew; Argonne National Laboratory. Fabricate PHEV Cells for Testing & Diagnostics (Energy Storage Technologies)
1-68	Jehlik, Forrest; Argonne National Laboratory. Data Collection for Improved Cold Temperature Thermal Modeling and Strategy Development (Hybrid and Vehicle Systems Technologies)
2-132	Johnson, Chris; National Energy Technology Laboratory. Progress of DOE Materials and Manufacturing Process R&D Grants (Energy Storage Technologies)
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4-71	Johnson, John; Michigan Technological University. Experimental Studies for DPF and SCR Model, Control System, and OBD Development for Engines Using Diesel and Biodiesel Fuels (Advanced Combustion Engine Technologies)
1-93	Jones, Perry; Oak Ridge National Laboratory. Dynamometer Testing of USPS EV Conversions (Hybrid and Vehicle Systems Technologies)
2-50	Jow, Richard; Army Research Laboratory. High Voltage Electrolytes for Li-ion Batteries (Energy Storage Technologies)
4-135	Ju, Yongho; University of California at Los Angeles. Integration of Advanced Materials and Interfaces for Durable Thermoelectric Automobile Exhaust Waste Heat Harvesting Devices (Advanced Combustion Engine Technologies)
2-44	Kang, Sun-Ho; Argonne National Laboratory. Development of High-Capacity Cathode Materials with Integrated Structures (Energy Storage Technologies)
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2-117	Kerr, John; Lawrence Berkeley National Laboratory. Electrolytes - R&D for Advanced Lithium Batteries. Interfacial Behavior of Electrolytes (Energy Storage Technologies)
2-153	Kim, Ge-Heon; National Renewable Energy Laboratory. Numerical and Experimental Investigation of Internal Short Circuit in a Li-ion Cell (Energy Storage Technologies)
1-44	Kinter-Meyer, Michael; Pacific Northwest National Laboratory. Analysis of maximizing the Synergy between PHEVs/EVs and PV (Hybrid and Vehicle Systems Technologies)
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3-18	Lanagan, Michael; Pennsylvania State University. Glass Ceramic Dielectrics for DC Bus Capacitors (Power Electronics and Electrical Machines Technologies)
7-70	Lance, Michael; Oak Ridge National Laboratory. Biofuels Impact on DPF Durability (Materials Technologies: Propulsion Materials)
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7-20	Lance, Michael; Oak Ridge National Laboratory. Materials Issues Associated with EGR Systems (Materials Technologies: Propulsion Materials)
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1-114	Lau, Sandor; Cascade Sierra Solutions. Cascade Sierra Solutions: Transportation Sector Electrification (Hybrid and Vehicle Systems Technologies)
7-5	Lavender, Curt; Pacific Northwest National Laboratory. Fatigue Enhancements by Shock Peening (Materials Technologies: Propulsion Materials)
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4-63	Lee, Kyeong; Argonne National Laboratory. Development of Advanced Diesel Particulate Filtration (DPF) Systems (Advanced Combustion Engine Technologies)
6-15	Li, Mei; USAMP/AMD. Integrated Computational Materials Engineering (ICME) for Mg: International Pilot Project (Materials Technologies)
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2-119	Liu, Gao; Lawrence Berkeley National Laboratory. Advanced Binder for Electrode Materials (Energy Storage Technologies)
1-35	Lohse-Busch, Henning; Argonne National Laboratory. Advanced Technology Vehicle Lab Benchmarking - Level 1 (Hybrid and Vehicle Systems Technologies)
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3-28	Lustbader, Jason; National Renewable Energy Laboratory. Air Cooling Technology for Power Electronic Thermal Control (Power Electronics and Electrical Machines Technologies)
1-118	Mackie, Robin; Smith Electric Vehicles. Smith Electric Vehicles: Advanced Vehicle Electrification + Transportation Sector Electrification (Hybrid and Vehicle Systems Technologies)
8-16	Mallick, P.K.; University of Michigan-Dearborn. Center for Lightweighting Automotive Materials and Processing (Technology Integration)
2-83	Manthiram, Arumugam; University of Texas at Austin. STABILIZED SPINEL AND POLYANION CATHODES (Energy Storage Technologies)
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5-6	McCormick, Bob; National Renewable Energy Laboratory. Quality, Performance, and Emission Impacts of Biofuels and Biofuel Blends (Fuels & Lubricants Technologies)
7-60	Mcguire, Michael; Oak Ridge National Laboratory. Non-Rare Earth magnetic materials (Materials Technologies: Propulsion Materials)
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8-4	Melendez, Margo; National Renewable Energy Laboratory/Oak Ridge National Laboratory. Clean Cities Tools and Resources (Technology Integration)
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4-8	Miles, Paul; Sandia National Laboratories. Low-Temperature Automotive Diesel Combustion (Advanced Combustion Engine Technologies)
3-50	Miller, John; Oak Ridge National Laboratory. Motor Packaging with Consideration of Electromagnetic and Material Characteristics (Power Electronics and Electrical Machines Technologies)
1-96	Miller, John; Oak Ridge National Laboratory. Wireless Plug-in Electric Vehicle (PEV) Charging (Hybrid and Vehicle Systems Technologies)
1-109	Miyasato, Matt; South Coast Air Quality Management District. Plug-In Hybrid Electric Medium Duty Commercial Fleet Demonstration and Evaluation (Hybrid and Vehicle Systems Technologies)
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4-5	Musculus, Mark; Sandia National Laboratories. Heavy-Duty Low-Temperature and Diesel Combustion & Heavy-Duty Combustion Modeling (Advanced Combustion Engine Technologies)
2-148	Nanda, Jagjit; Oak Ridge National Laboratory. Studies on the Local State of Charge (SOC) and Underlying Structures in Lithium Battery Electrodes (Energy Storage Technologies)
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3-58	Narumanchi, Sreekant; National Renewable Energy Laboratory. Compact, Light-Weight, Single-Phase, Liquid-Cooled Cold Plate (Power Electronics and Electrical Machines Technologies)

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2-69	Orendorff, Chris; Sandia National Laboratories. Evaluation of Abuse Tolerance Improvements (Energy Storage Technologies)
6-54	Osborne, Dick; USAMP/AMD. AMD 405: Improved Automotive Suspension Components Cast with B206 Alloy (Materials Technologies)
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6-32	Paxton, Dean; Pacific Northwest National Laboratory. Friction Stir Spot Welding of Advanced High Strength Steels II (Materials Technologies)
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4-37	Pitz, Bill; Lawrence Livermore National Laboratory. Chemical Kinetic Research on HCCI & Diesel Fuels (Advanced Combustion Engine Technologies)
5-16	Pitz, Bill; Lawrence Livermore National Laboratory. Chemical Kinetic Modeling of Non-Petroleum Based Fuels (Fuels & Lubricants Technologies)
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1-37	Rask, Erik; Argonne National Laboratory. Advanced Technology Vehicle Lab Benchmarking - Level 2 (in-depth) (Hybrid and Vehicle Systems Technologies)
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