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- Fluoride phosphate  
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- Fluorine doping  
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- Fluorophosphate  
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- Focused ion beam  
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- Gel electrolytes  
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- Gel polymer electrolyte  
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- Gel polymer electrolyte  
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- Gerischer impedance  
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- Glass-ceramic  
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- Graphite electrode  
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- Graphite negative electrode materials  
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- HEV  
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- HEV  
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- High capacity anode  
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- High capacity  
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- High power  
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- High-power Li-ion cell  
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- High-temperature  
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- High-voltage cathode  
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- Impedance spectroscopy  
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- In situ infrared spectroscopy  
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- In situ mass spectrometry  
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- In situ Raman mapping  
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- In situ X-ray diffraction  
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- In situ XRD  
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- Intercalation  
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- Interface resistance  
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- Interface  
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- Ion transfer  
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- Ion trapping  
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- Ionic conductivity  
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- Ionic conductivity  
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- Ionic conductivity  
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- Ionic liquid  
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- Layered material  
Li-ion battery; Li(Ni<sub>0.5</sub>Mn<sub>0.5</sub>)O<sub>2</sub>; Fluorine substitution (Kang, S.-H. (146) 650)
- Layered oxides  
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- Layered structure  
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- Layered structure  
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- Li insertion/extraction  
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- Li(Li,Ni,Co,Mn)O<sub>2</sub>  
Li-ion battery; Layered material; Fluorine doping (Kang, S.-H. (146) 654)
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Li-ion battery; Layered material; Fluorine substitution (Kang, S.-H. (146) 650)
- Li-anode  
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- LiBOB  
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- LiBOB  
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- LiBOB  
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- LiCoO<sub>2</sub> thin-film  
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- LiCoO<sub>2</sub>  
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- LiCoO<sub>2</sub>  
LiCoO<sub>2</sub>; Lithium ion batteries; Spontaneous reactions; Soakage (Wang, Z. (146) 254)
- LiCoO<sub>2</sub>  
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- LiCoO<sub>2</sub>  
Thin-film battery; Interface; All-solid-state rechargeable battery (Iriyama, Y. (146) 745)
- Li-doping  
SiO; Chemical method; Li-organic complex solution; Naphthalene (Tabuchi, T. (146) 507)
- LiFAP  
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- LiFe<sub>1-x</sub>Co<sub>x</sub>PO<sub>4</sub>  
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- LiFePO<sub>4</sub> powders  
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- LiFePO<sub>4</sub>  
Composite electrodes; Spark-plasma-sintering (Takeuchi, T. (146) 575)
- LiFePO<sub>4</sub>  
LiFePO<sub>4</sub>; Cathode material; Olivine-type iron phosphate; Mechanical alloying (Kim, C.W. (146) 534)
- LiFePO<sub>4</sub>  
LiFePO<sub>4</sub>; Pulsed laser deposition (PLD); Thin film; Rechargeable lithium battery (Yada, C. (146) 559)
- LiFePO<sub>4</sub>  
Lithium-ion; Post-test; LiBOB; Raman spectroscopy (Striebel, K. (146) 33)
- LiFePO<sub>4</sub>  
Nano-composite; Cathode material; Conductivity (Hsu, K.-F. (146) 529)
- LiFePO<sub>4</sub>  
Natural graphite; Li-ion battery; Gel electrolyte; Polymer; LiFSI salt; HEV; ARC; Safety (Zaghib, K. (146) 380)
- LiFSI salt  
Natural graphite; LiFePO<sub>4</sub>; Li-ion battery; Gel electrolyte; Polymer; HEV; ARC; Safety (Zaghib, K. (146) 380)
- Li<sub>1.1</sub>Mn<sub>1.9</sub>O<sub>4</sub>  
Spinel; LiNi<sub>0.8</sub>Co<sub>0.15</sub>Al<sub>0.05</sub>O<sub>2</sub>; Positive electrode; Lithium; Battery (Myung, S.-T. (146) 222)
- Li<sub>1+x</sub>Ni<sub>1/3</sub>Co<sub>1/3</sub>Mn<sub>1/3</sub>O<sub>2</sub>  
High-power Li-ion cell; Lithium manganese spinel; Lithium bisoxalato-borate (Amine, K. (146) 111)
- Li<sub>1+y</sub>Ni<sub>x</sub>Co<sub>1-2x</sub>Mn<sub>x</sub>O<sub>2</sub>  
Li<sub>1+y</sub>Ni<sub>x</sub>Co<sub>1-2x</sub>Mn<sub>x</sub>O<sub>2</sub>; Lithium-ion battery; Cation mixing; Conductivity; Ni valence (Shizuka, K. (146) 589)
- Li<sub>2</sub>MnO<sub>3</sub>  
Li<sub>2</sub>MnO<sub>3</sub>; Chelating agents; Electrochemical (Whitfield, P.S. (146) 617)
- Li<sub>2-x</sub>Mn<sub>2</sub>O<sub>4</sub> cathode  
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- Li<sub>4</sub>Ti<sub>5</sub>O<sub>12</sub>  
Lithium secondary battery; Spray drying; Morphology (Wen, Z. (146) 670)
- Li<sub>4</sub>Ti<sub>5</sub>O<sub>12</sub>  
Nano-sized; XRD; XAS; Cycle performance (Venkateswarlu, M. (146) 204)

- Li<sub>4</sub>Ti<sub>5</sub>O<sub>12</sub>  
Thin electrodes; Lithium ion battery; Substrate induced coagulation (SIC) (Leitner, K.W. (146) 209)
- Li<sub>5+x</sub>Fe<sub>1-x</sub>Co<sub>4</sub>O<sub>4</sub>  
Li<sub>5+x</sub>Fe<sub>1-x</sub>Co<sub>4</sub>O<sub>4</sub>; Antifluorite; Lithium secondary battery (Imanishi, N. (146) 21)
- Li-ion batteries  
Carbon-rich LiFePO<sub>4</sub>; Cathode material (Bauer, E.M. (146) 544)
- Li-ion batteries  
Li-ion batteries; Graphite anode; Capacity fading; Raman spectroscopy; SEM imaging; Crystal structure (Markervich, E. (146) 146)
- Li-ion batteries  
Li-ion batteries; Graphite anode; LiBOB; PC; PC decomposition (Kaneko, H. (146) 142)
- Li-ion batteries  
Li-ion batteries; LiPF<sub>6</sub> electrolyte solutions; 5 V systems; Self-discharge; Aging; Nanomaterials (Aurbach, D. (146) 71)
- Li-ion batteries  
Li-ion batteries; New anode material; Silicon film; Vacuum deposition; Surface roughening (Uehara, M. (146) 441)
- Li-ion batteries  
Li-ion batteries; Rate of Li diffusion; Vacuum-deposited silicon film; Potential-step chronoamperometry; Film thickness (Yoshimura, K. (146) 445)
- Li-ion batteries  
Silicon; Composite anodes; Pyrolysis reaction; High-energy mechanical milling (Hanai, K. (146) 156)
- Li-ion battery  
Li-ion battery; Li(Li,Ni,Co,Mn)O<sub>2</sub>; Layered material; Fluorine doping (Kang, S.-H. (146) 654)
- Li-ion battery  
Li-ion battery; Li(Ni<sub>0.5</sub>Mn<sub>0.5</sub>)O<sub>2</sub>; Layered material; Fluorine substitution (Kang, S.-H. (146) 650)
- Li-ion battery  
Li-ion battery; Thin-filmed battery; Large-sized battery; Li<sub>2-x</sub>Mn<sub>2</sub>O<sub>4</sub> cathode; V<sub>2</sub>O<sub>5</sub> anode (Nakazawa, H. (146) 758)
- Li-ion battery  
Natural graphite; LiFePO<sub>4</sub>; Gel electrolyte; Polymer; LiFSI salt; HEV; ARC; Safety (Zaghib, K. (146) 380)
- Li-ion cells  
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- Li-ion  
Li-ion; Battery systems; Energy storage applications (Clark, N.H. (146) 798)
- Li-ions intercalation  
Porous graphite electrodes; Low-frequency semicircle; Impedance spectroscopy (Levi, M.D. (146) 727)
- LiMn<sub>2</sub>O<sub>4</sub>  
Fading mechanism; Li ion batteries; MCMB; PCG (Wu, H.-C. (146) 736)
- LiMn<sub>2</sub>O<sub>4</sub>  
LiMn<sub>2</sub>O<sub>4</sub>; Capacity fading; Al-substitution; Phase transition; In situ X-ray diffraction (Chung, K.Y. (146) 226)
- LiMn<sub>2</sub>O<sub>4</sub>  
LiMn<sub>2</sub>O<sub>4</sub>; Spinel; Cathode material; Al doping; F doping (Kang, Y.-J. (146) 237)
- LiMn<sub>2</sub>O<sub>4</sub>  
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- LiNi<sub>0.8</sub>Co<sub>0.15</sub>Al<sub>0.05</sub>O<sub>2</sub>  
Spinel; Li<sub>1.1</sub>Mn<sub>1.9</sub>O<sub>4</sub>; Positive electrode; Lithium; Battery (Myung, S.-T. (146) 222)
- LiNi<sub>1/3</sub>Co<sub>1/3</sub>Al<sub>1/3</sub>O<sub>2</sub>  
LiNi<sub>1/3</sub>Co<sub>1/3</sub>Al<sub>1/3</sub>O<sub>2</sub>; Microemulsion; Nanosize; Layered structure; Cathode materials (Lin, Y.-K. (146) 594)
- Li-organic complex solution  
SiO; Chemical method; Li-doping; Naphthalene (Tabuchi, T. (146) 507)
- LiPF<sub>6</sub> electrolyte solutions  
Li-ion batteries; 5 V systems; Self-discharge; Aging; Nanomaterials (Aurbach, D. (146) 71)
- LiPF<sub>6</sub>  
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- Lithium ion batteries  
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- Lithium aluminate  
Lithium borate; Polymer electrolyte; Mix-salt; Discharge capacity (Tao, R. (146) 407)
- Lithium batteries  
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- Lithium batteries  
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- Lithium batteries  
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- Lithium batteries  
Polymer electrolytes; Ionic conductivity; Poly(siloxane-g-acrylate) cross-linker (Kang, Y. (146) 391)
- Lithium batteries  
Vanadium pentoxide; DC magnetron sputtering; Thin film (Navone, C. (146) 327)
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- Lithium battery  
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- Lithium Battery  
Co-precipitation method; Al-substituted lithium nickel cobalt oxide; Cathode material (Wu, S.-h. (146) 270)
- Lithium battery  
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- Lithium battery  
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- Lithium battery  
Lithium battery; Fe<sub>3</sub>O<sub>4</sub>; Nanoparticle; High capacity (Ito, S. (146) 319)
- Lithium battery  
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- Lithium battery  
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- Lithium battery  
Moisture; Doped-lithium nickel cobalt oxide cathode; Acetone; Ambient conditions; Humid environment (Saharan, V. (146) 809)
- Lithium battery  
Olivine LiFePO<sub>4</sub>; Solution method; Cathode material (Wu, S.-H. (146) 550)
- Lithium battery  
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- Lithium battery  
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- Lithium borate  
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- Lithium cell  
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- Lithium/CF<sub>x</sub> battery  
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- Lithium cobalt nickel manganese oxides  
 Lithium insertion material; Lithium-ion battery; Lithium titanium  
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- Lithium cobalt nickel manganese oxides  
 Lithium ion battery; Layered cathode; Solid-state reaction; Cooling rate  
 (Zhang, L. (146) 598)
- Lithium cobalt oxide  
 All-solid-state lithium polymer battery; Ceramic/polymer composite  
 electrolyte; Lithium phosphate; Oxidation barrier (Kobayashi, Y.  
 (146) 719)
- Lithium cobalt oxide  
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<sup>57</sup>Fe Mössbauer data (Aldon, L. (146) 259)
- Lithium deintercalation  
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- Lithium insertion material  
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- Lithium insertion mechanism  
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- Lithium insertion mechanism  
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- Lithium intercalation  
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- Lithium ion battery  
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- Lithium ion battery  
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- Lithium ion battery  
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- Lithium ion battery  
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 (146) 674)
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 (146) 784)
- Lithium ion battery  
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- Lithium ion battery  
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- Lithium ion battery  
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- Lithium metal anode  
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- Lithium phosphate  
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- Lithium secondary battery  
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- Lithium storage  
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- Lithium titanium oxide  
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- Lithium titanium oxides  
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- Lithium  
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- Lithium-ion batteries  
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Lithium magnesium cobalt oxide; Thermal stability (Yoshizawa, H. (146) 121)
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- Lithium-ion batteries  
 $\text{SiO}_{1.1}\text{-Li}_{2.6}\text{Co}_{0.4}\text{N}$  composite; Solid PEO electrolytes; Operating temperature (Liu, Y. (146) 376)
- Lithium-ion battery  
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- Lithium-ion battery  
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- Lithium-ion battery  
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- Lithium-ion battery  
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- $\text{LiTi}_2(\text{PO}_4)_3$   
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- Low temperature carbon fiber  
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- Manganese oxide  
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- Manganese oxide  
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- Manganese oxide  
Manganese oxide; Metal-doped todorokite; Lithium battery (Kumagai, N. (146) 310)
- Manganese oxide  
Manganese oxide; Sonochemistry; Lithium ion battery; Rapid discharge (Hibino, M. (146) 304)
- Manganese oxide  
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- MCMB  
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- Mechanical alloying  
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- Mechanical milling  
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- Mechanical milling  
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- Mechanical property  
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- Mechano-thermal coating  
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- Medical device  
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- Metals dissolution  
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- Miniature pin-type Lithium battery  
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- Moisture  
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- Morphology  
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- Nanobattery arrays  
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- Nanocells  
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- Nanoelectrode arrays  
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- Ni valence  
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- Nickel oxide  
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- Nitrile solvents  
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- Olivine  
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- Operating temperature  
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- 1,4-*para*-Phenylenediamine  
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- PC decomposition  
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Nano-sized; Li<sub>4</sub>Ti<sub>5</sub>O<sub>12</sub>; XRD; Cycle performance (Venkateswarlu, M. (146) 204)
- XRD  
Nano-sized; Li<sub>4</sub>Ti<sub>5</sub>O<sub>12</sub>; XAS; Cycle performance (Venkateswarlu, M. (146) 204)
- XRD  
Sol-gel; SEM; Cycle performance (Chen, C.-H. (146) 626)
- XRD  
Sol-gel; SEM; Superlattice; Cathode; Cycle performance (Hwang, B.-J. (146) 658)
- XRD  
TiO<sub>2</sub>; HMDS; IR; Conductivity; Transference number (Lin, C.W. (146) 397)
- Zero-strain insertion materials  
Lithium-ion battery; Lithium titanium oxides; Topotactic reaction (Mukai, K. (146) 213)