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perfluorocyclopenteneResearch on Photochromic Materials with Synthesis and Application of 1-(2-methyl-3-benzothienyl)-2-[2-methyl-(5-ethynyl)trimethylsilane-3-thienyl] Perfluorocyclopentene; Research on Photochromic Compounds with Efficient Synthesis and Photochromic Properties of 1-(2-methyl-5-phenyl-3-thienyl)-2-[2-methyl-5-(4-pentylphenyl)-3-thienyl] perfluorocyclopentene
Research on Photochromic Compounds with Efficient Synthesis and Photochromic Properties of 1-(2-methyl-5-chlorine-3-thienyl)-2-[2-methyl -5-(4-chlorophenyl)-3-thienyl] PerfluorocyclopenteneSynthesis, Photochromism and Fluorescent Switch of 1-(2-methyl-1-benzofuran-3-yl)-2-(2-methyl-5-(4-benzylamine)-3-thienyl)) perfluorocyclopentene; Efficient Synthesis, Photochromism and Fluorescence Properties of a Novel Diarylethene Bearing a Fluorene
Research on Photochromic Compounds with Synthesis and Photochromism of 1-(2-methyl-3-benzofuryl)-2-{2-methyl-5-[4-formyloxyethyl (Rhodamine-B)] phenyl-3-thienyl} PerfluoroyclopenteneEfficient Synthesis, Photochromism and Fluorescence Properties of a Novel Diarylethene Bearing a Naphthalene; Synthesis and Properties of 1-[2,5-dimethyl-3-thienyl]-2-[2-methyl-5-(4-pentylphenyl)-3-thienyl] perfluorocyclopentene; Chapter 2: Materials Science, Processing and Application; Hydrophobic Modification on Surface of Silicone Rubber by Tetrafluoromethane Radio Frequency Inductively Coupled Plasma
Study on Corrosion Behavior of Copper-Clad Steel Bars with Unclad Two-End Faces for Grounding Grids in the Coastal Soil

Sommario/riassunto

Collection of selected, peer reviewed papers from the 2014 2 nd International Conference on Insulating Materials, Material Application and Electrical Engineering (MAEE2014), July 26-27, 2014, Nanjing, China. The 60 papers are grouped as follows: Chapter 1: Chemical Materials Research, Chapter 2: Materials Science, Processing and Application, Chapter 3: Power Systems and Electronics, Chapter 4: Detection, Control and Computational Methods, Algorithms