Table S1. The 72 EPS research fields (WoS journal subject categories) used in the identification of research topics at the EPS-HLS interface.

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| acousticsastronomy & astrophysicsautomation & control systemsbiophysicschemistry, analyticalchemistry, appliedchemistry, inorganic & nuclearchemistry, medicinalchemistry, multidisciplinarychemistry, organicchemistry, physicalcomputer science, artificial intelligencecomputer science, cyberneticscomputer science, hardware & architecturecomputer science, information systemscomputer science, interdisciplinary applicationscomputer science, software engineeringcomputer science, theory & methodsconstruction & building technologycrystallographyelectrochemistryenergy & fuelsengineering, aerospaceengineering, biomedicalengineering, chemicalengineering, civilengineering, electrical & electronicengineering, industrialengineering, manufacturingengineering, mechanicalengineering, multidisciplinaryengineering, petroleumergonomicsinstruments & instrumentationlogicmaterials science, biomaterials | materials science, ceramicsmaterials science, characterization & testingmaterials science, coatings & filmsmaterials science, compositesmaterials science, multidisciplinarymaterials science, paper & woodmaterials science, textilesmathematical & computational biologymathematicsmathematics, appliedmathematics, interdisciplinary applicationsmechanicsmetallurgy & metallurgical engineeringmicroscopymining & mineral processingnanoscience & nanotechnologynuclear science & technologyoperations research & management scienceopticsphysics, appliedphysics, atomic, molecular & chemicalphysics, condensed matterphysics, fluids & plasmasphysics, mathematicalphysics, multidisciplinaryphysics, nuclearphysics, particles & fieldspolymer scienceroboticssocial sciences, mathematical methodsspectroscopystatistics & probabilitytelecommunicationsthermodynamicstransportationtransportation science & technology |