فرشاد بوربور اژدری

استادیار

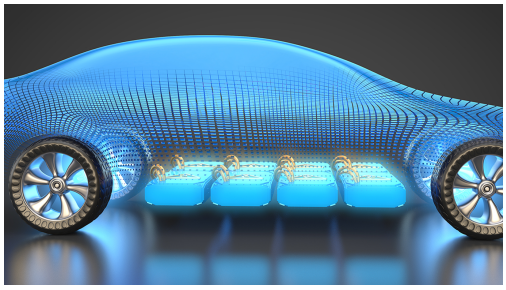
دانشکده: دانشکده شیمی

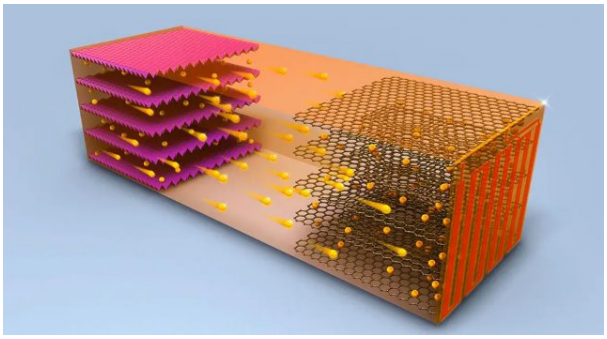
گروه: شیمی فیزیک

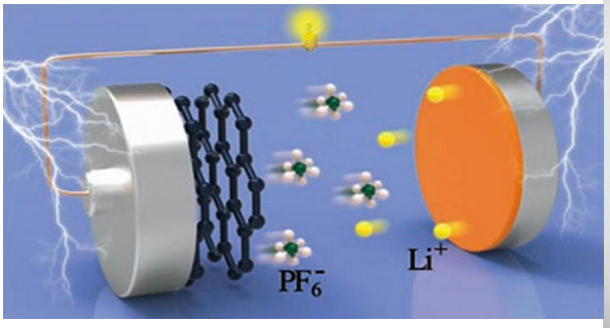
- Our research group's research activities focus on developing Carbon-based Materials, Nano Materials, Ionic Liquids, Conductive Polymers, Metal-Organic Frameworks (MOFs), Mxene (2D materials), and their use in various applications such as batteries, supercapacitors, and similar activities.
- All the students interested in working with our group on developing Li-ion Batteries, Li-air Batteries (LIBs), Li-CO2 Batteries, and Lithium-Sulfur (Li-S Batteries) do your research we sincerely welcome.

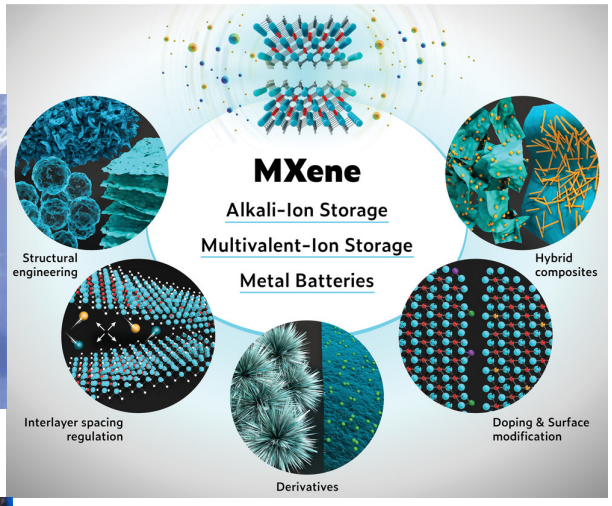
- **فعالیت های پژوهشی گروه تحقیقاتی ما، به صورت متمرکز، بر روی توسعه مواد کربنی (Carbon-based Materials)، نانومواد (Nano Materials)، مایعات یونی (Ionic Liquids)، پلیمرهای هادی (Conductive Polymers)، مواد آلی-چارچوب فلزی (Metal Organic Frameworks)، مواد دو بعدی Mxene و به کار گیری آنها در کاربردهای مختلف از جمله باتری ها (Batteries)، ابرخازن ها (Supercapacitors) و فعالیت های مشابه است.**

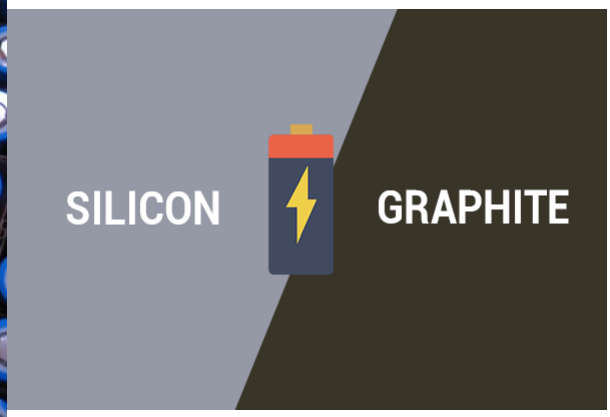
- **از همه دانشجویانی که تمایل دارند که با گروه ما بر روی توسعه باتری های لیتویم-یون (Li-ion Batteries)، لیتویم-هوا (Li-air Batteries)، لیتیوم-کربن دی اکسید (Li-CO2 Batteries) و لیتیوم-سولفور (Li-S Batteries) تحقیق و پژوهش کنند، صمیمانه استقبال می کنیم.**











مقالات در همایش ها

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3. Farshad Boorboor Ajdari*, Abolfazl Fathollahi Zonouz*, Ali Heydari, Hassan Shokoui Mehrabani, Mehdi Shakourian ,& Fard, Ganesh Kamath, Fatemeh Ghasemi, and Meisam Kahrizi,Exploring the Effects of Dopamine and DMMP Additives on Improving the Cycle Boosting

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کتاب‌ها

۱. Green and Sustainable Batteries
۲. کاربرد SBA-۱۵ دز حذف کاتیون های سنگین
۳. ionic liquids for green energy applications: Chapter ۵, Ionic liquids: Solar cell Applications
۴. ionic liquids for green energy applications: Chapter ۴, Appications of Ionic liquids in battery
۵. Chapter ۶ - Aramid fibers composites to innovative sustainable materials for biomedical applications