

燃料電池

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The Journal of Fuel Cell Technology

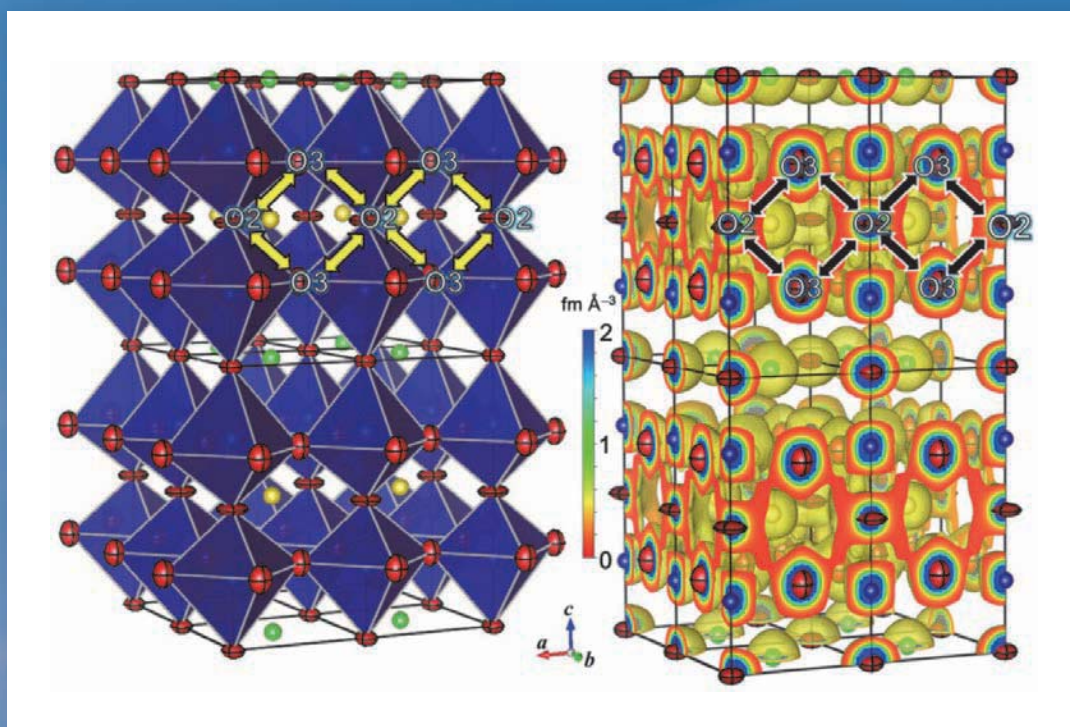
巻頭言 分散型エネルギー供給社会の実現

特集 燃料電池に関連する基礎研究 I

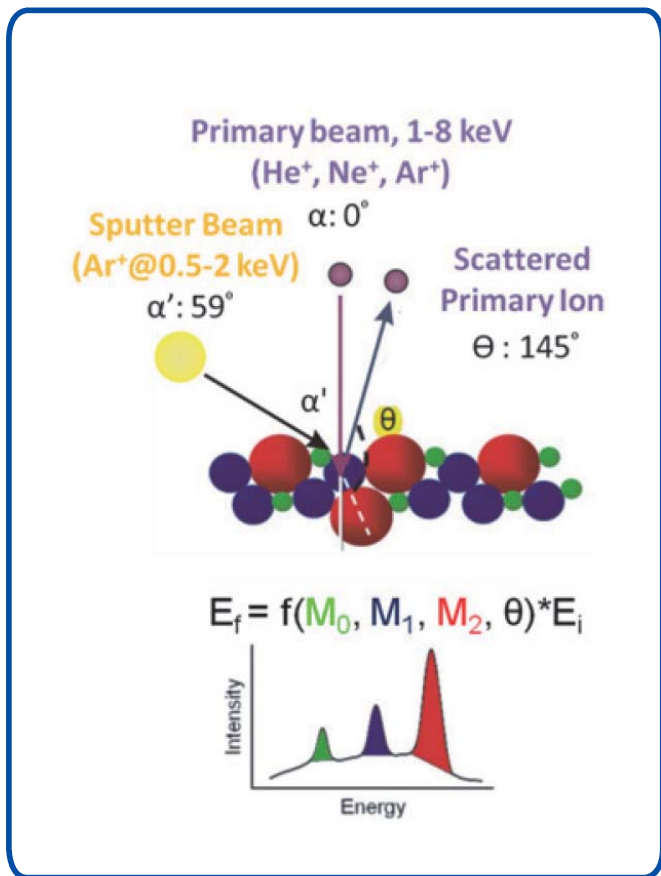
投稿論文 Pt電極を用いた酸性水溶液中におけるCO₂還元挙動の電気化学測定

報告 FCDIC第1回ミニ勉強会報告

会員紹介 株式会社芝浦電子

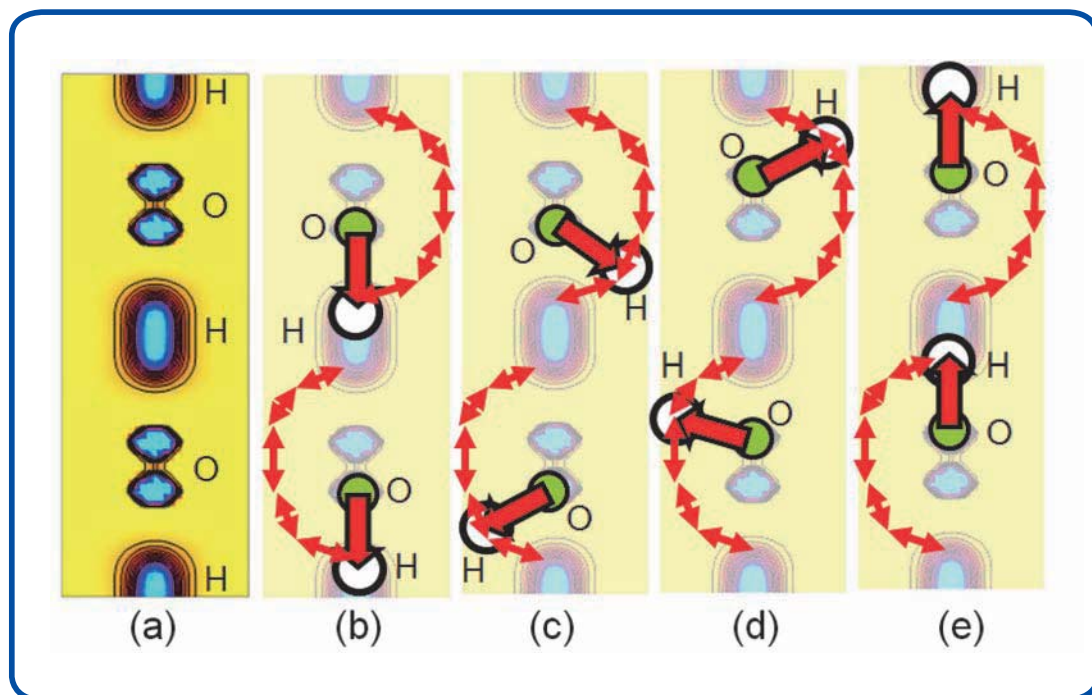


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Schematics of the scattering process and a typical energy spectrum

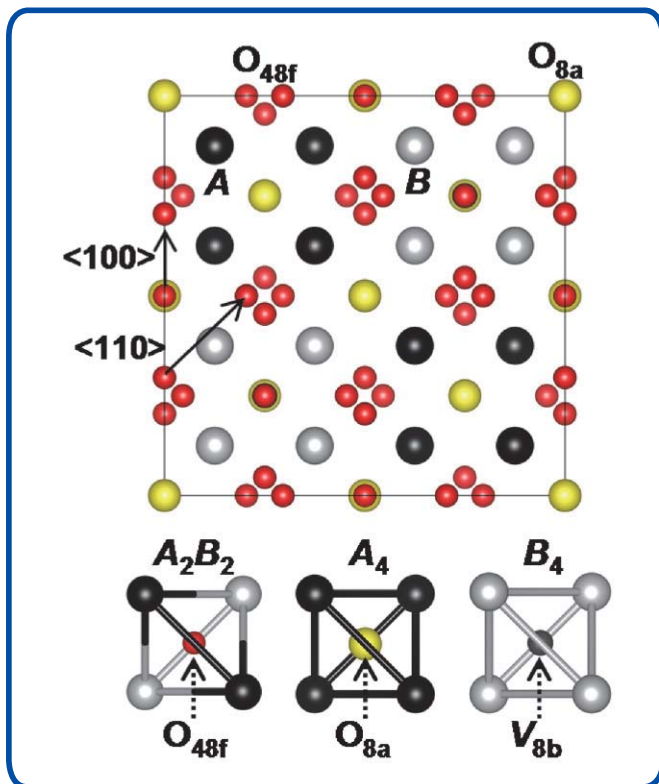
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水酸アパタイトの核密度分布の一部(a)と可能なプロトン拡散プロセス(b-e) (400 °C)

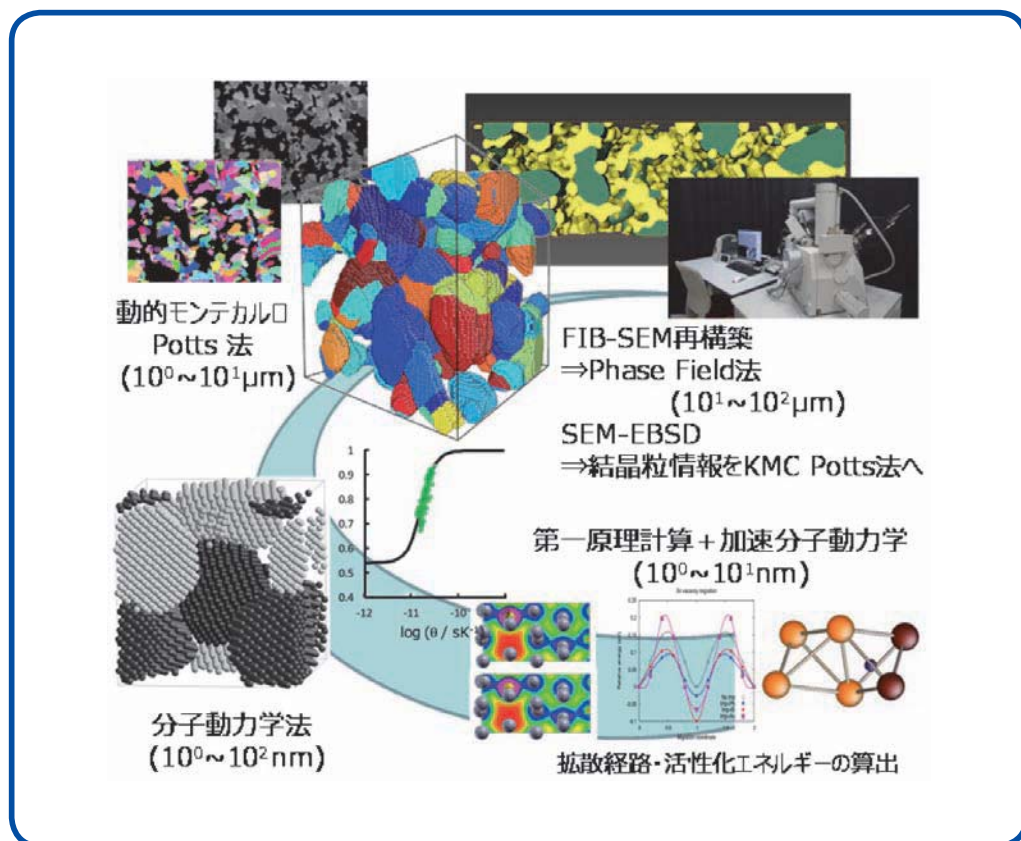
A part of nuclear-density distribution (a) and possible proton-diffusion process (b-e) of hydroxyapatite (400 °C)



$A_2B_2O_7$ パイロクロアの結晶構造、カチオンケージ中の酸素及び空孔の配置の模式図（下）

Crystal structure of the $A_2B_2O_7$ pyrochlore
Schematic illustrations of oxygen (O_{48f} and O_{8a}) and vacancy position within the cation cages (below)

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SOFC燃料極シンタリングプロセスの解明に向けた取り組み

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● The cover is
"Crystal structure and nuclear-density distribution of
 $\text{PrBaCo}_2\text{O}_{5+\delta}$ "
(Courtesy of Prof. Yashima, Tokyo Institute of Technology)

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