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Nota di contenuto	Rates and timescales of magma transfer, storage, emplacement, and eruption / Maurizio Petrelli and Georg F. Zellmer -- Boundary layer melts entrapped as melt inclusions? The case of phosphorus and CO ₂ -rich spinelhosted melt inclusions from El Hierro, Canary Islands / Marc-Antoine Longpre, John Stix and Nobumichi Shimizu -- Apatite as a Monitor of Dynamic Magmatic Evolution at TorfajAkull Volcanic Center, Iceland / Mary Elizabeth Connors, Tamara L. Carley and Adrian Fiege -- Control of magma plumbing systems on long term eruptive behavior of Sakurajima volcano, Japan: Insights from CSD (Crystal Size Distribution) analysis / Shimizu Yamashita and Atsuki Toramaru -- Dynamics of volcanic systems: physical and chemical models applied to equilibrium versus disequilibrium solidification of magmas / Letizia Giuliani, Gianluca Iezzi and Silvio Mollo -- Architecture of the magmatic system in the Main Ethiopian Rift / Sabrina Nazzareni, Stefano Rossi, Maurizio Petrelli and Luca Caricchi -- Rheological behavior of partly crystallized silicate melts under variable shear rate / Francesco Vetere and Francois Holtz -- Investigating the crystallization kinetics via time-resolved neutron diffraction / Marco Zanatta, Caterina Petrillo and Francesco Sacchetti -- Axial melt lens dynamics at fast-spreading mid-ocean ridges / Jurgen Koepke and Chao Zhang.
Sommario/riassunto	"Explores the complex physico-chemical processes involved in active

volcanism and dynamic magmatism Understanding the magmatic processes responsible for the chemical and textural signatures of volcanic products and igneous rocks is crucial for monitoring, forecasting, and mitigating the impacts of volcanic activity. Dynamic Magma Evolution is a compilation of recent geochemical, petrological, physical, and thermodynamic studies. It combines field research, experimental results, theoretical approaches, unconventional and novel techniques, and computational modeling to present the latest developments in the field."--
