

Editorial	Melanie Schnell Electrochemistry – from fundamental concepts to everyday applications	193
Electrochemistry	Pablo Lozano-Reis, Kai S. Exner Theoretical electrochemistry 1: The key role of less-stable intermediates	195
	Xinhai Yuan, Lijun Fu, Lili Liu, Yuping Wu Solid-state batteries: Facts and fiction	198
	Meeta Trivedi The promise beyond lithium-ion technology: Dream vs. reality	201
	Lijun Fu, Lili Liu, Rudolf Holze, Qunting Qu Battery storage for the grid: A needed support or just a business model?	204
	Dan Liu, Xuan Xie Graphene: The magic bullet in functional coatings – also against corrosion?	207
	Axel Groß Theoretical electrochemistry 2: Modelling the electrochemical double layer	209
Conferences	Qun Song Conference report on the 51 st German liquid crystal conference	212
Awards	Qun Song Young researcher award of the GLCS: Self-assembled heterosymmetric structure with tunable polarization optics for reversible matrix encryption	214
	Leonard Fink Young researcher award of the GLCS: New BTT-based star mesogens with broad and highly ordered mesophases bearing great potential for technical applications	215
	Eckart Hasselbrink, Sebastian Schlücker Zellner-Wissenschaftspreis 2025 für Physikalische Chemie an der Universität Duisburg-Essen	216
Buchbesprechung	Melanie Schnell Buchbesprechung: "Burning for science – a woman in a technical field" A new autobiography in the "Lives in chemistry" series	217
yPC	Benjamin Golub-Overbeck yPC Asked! Research Data Management (RDM)	218
	Noah Al-Shamery yPC at the EYCN Delegate Assembly 2025 in Prague – New chair elected	220
Nachrichten	Personalia, DBG-Veranstaltungen, Ausschreibungen	221