

GEOLOGICAL MAGAZINE

CONTENTS

Foreword		
Allen, M.	757	
Preface		
Lacombe, O., Ruh, J., Brown, D. & Nilforoushan, F.	759–762	
ORIGINAL ARTICLES		
Thick-skinned tectonics and basement-involved fold-thrust belts: insights from selected Cenozoic orogens		
Lacombe, O. & Bellahsen, N.	763–810	
Role of tectonic burial and temperature on the inversion of inherited extensional basins during collision		
Lafosse, M., Boutoux, A., Bellahsen, N. & Pourhiet, L. L.	811–826	
Modelling role of basement block rotation and strike-slip faulting on structural pattern in cover units of fold-and-thrust belts		
Koyi, H., Nilforoushan, F. & Hessami, K.	827–844	
The influence of the Great Falls Tectonic Zone on the thrust sheet geometry of the southern Sawtooth Range, Montana, USA		
Burberry, C. M. & Palu, J. M.	845–865	
Cenozoic tectonic model of the Bohai Bay Basin in China		
Yu, F. & Koyi, H.	866–886	
Fracture porosity creation and persistence in a basement-involved Laramide fold, Upper Cretaceous Frontier Formation, Green River Basin, USA		
Laubach, S. E., Fall, A., Copley, L. K., Marrett, R. & Wilkins, S. J.	887–910	
Evidence of active shortening along the eastern border of the San Rafael basement block: characterization of the seismic source of the Villa Atuel earthquake (1929), Mendoza province, Argentina		
Branellec, M., Nivière, B., Callot, J.-P., Regard, V. & Ringenbach, J.-C.	911–925	
Mechanisms of basin contraction and reactivation in the basement-involved Malargüe fold-and-thrust belt, Central Andes (34–36° S)		
Branellec, M., Nivière, B., Callot, J.-P. & Ringenbach, J.-C.	926–944	
Basement composition and basin geometry controls on upper-crustal deformation in the Southern Central Andes (30–36° S)		
Mescua, J. F., Giambiagi, L., Barrionuevo, M., Tassara, A., Mardonez, D., Mazzitelli, M. & Lossada, A.	945–961	
Reactivation, inversion and basement faulting and thrusting in the Sierras Pampeanas of Córdoba (Argentina) during Andean flat-slab deformation		
Martino, R. D., Guereschi, A. B. & Montero, A. C.	962–991	
Crustal shortening at the Sierra Pie de Palo (Sierras Pampeanas, Argentina): near-surface basement folding and thrusting		
Bellahsen, N., Sebrier, M. & Siame, L.	992–1012	
Andean shortening, inversion and exhumation associated with thin- and thick-skinned deformation in southern Peru		
Perez, N. D., Horton, B. K., McQuarrie, N., Stübner, K. & Ehlers, T. A.	1013–1041	
Basement-involved deformation overprinting thin-skinned deformation in the Pampean flat-slab segment of the southern Central Andes, Argentina		
Japas, M. S., Ré, G. H., Oriolo, S. & Vilas, J. F.	1042–1065	
Structure and tectonic evolution of hybrid thick- and thin-skinned systems in the Malargüe fold-thrust belt, Neuquén basin, Argentina		
Fuentes, F., Horton, B. K., Starck, D. & Boll, A.	1066–1084	
Basement-involved thin-skinned and thick-skinned tectonics in the Alps		
Pfiffner, O. A.	1085–1109	
Basement-involved reactivation in foreland fold-and-thrust belts: the Alpine–Carpathian Junction (Austria)		
Granado, P., Thöny, W., Carrera, N., Gratzer, O., Strauss, P. & Muñoz, J. A.	1110–1135	
Restoration of the external Scandinavian Caledonides		
Rice, A. H. N. & Anderson, M. W.	1136–1165	
The role of basement-involved normal faults in the recent tectonics of western Taiwan		
Yang, K.-M., Rau, R.-J., Chang, H.-Y., Hsieh, C.-Y., Ting, H.-H., Huang, S.-T., Wu, J.-C. & Tang, Y.-J.	1166–1191	

This journal offers open access publishing through Cambridge Open Option. Please visit journals.cambridge.org/openoption for more information.