

Supplementary Table 3. Top citing articles of each cluster

Cluster No.	Author	Year	Journal	Title
0	Ailon T	2015	Neurosurgery	Degenerative spinal deformity
1	Vrtovec T	2012	The Spine Journal	A review of methods for evaluating the quantitative parameters of sagittal pelvic alignment
2	Beckmann J	2009	Archives of Orthopaedic and Trauma Surgery	Cup positioning in THA: current status and pitfalls. a systematic evaluation of the literature
3	Heckmann ND	2021	Journal of the American Academy of Orthopaedic Surgeons	Spinopelvic biomechanics and total hip arthroplasty: a primer for clinical practice
4	Pan C	2022	Journal of Orthopaedic Science	Predictive formulae of ideal lumbar lordosis determined by individual pelvic incidence and thoracic kyphosis in asymptomatic adults.
5	Potter BK	2005	Spine	Radiographic outcomes of anterior spinal fusion versus posterior spinal fusion with thoracic pedicle screws for treatment of lenke type I adolescent idiopathic scoliosis curves
6	Ailon T	2015	Neurosurgery	Degenerative spinal deformity
7	Ghobrial GM	2017	The Spine Journal	Prophylactic vertebral cement augmentation at the uppermost instrumented vertebra and rostral adjacent vertebra for the prevention of proximal junctional kyphosis and failure following long-segment fusion for adult spinal deformity
8	Hirano K	2012	Journal of Orthopaedic Science	Impact of spinal imbalance and back muscle strength on locomotive syndrome in community-living elderly people
9	van Erp JHJ	1995	Hip International	Unravelling the hip-spine dilemma from the check-cohort: is sagittal pelvic morphology linked to radiographic signs of femoroacetabular impingement?