Figure 1: Illustration of the publication trends in the core collection of Web of Science™ of a) nitritation, denitritation and b) publications including both terms nitrous oxide and wastewater in the topic.

To illustrate the present relevance of short-cut biological nitrogen removal processes the shares of total publications in the core collection of Web of Science™ per year from 2006 to 2015 are presented. As examples for short-cut BNR, the search was executed for the expressions (a) “nitritation” and “denitritation” and (b) “nitrous oxide AND wastewater”. The increasing trends in a) and b) illustrate the historical development and underline the development of such processes towards central techniques in biological wastewater treatment. However, no consistent nomenclature exists for their description so far.