



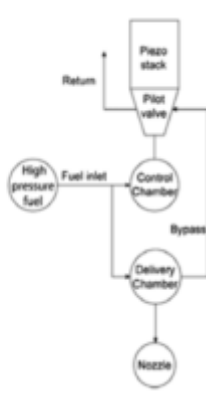
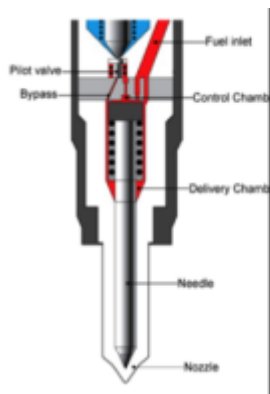
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Mario Aigner, Mathematics Editorial

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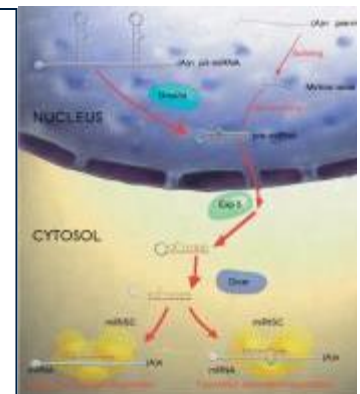


$$\left. \begin{aligned} \partial_t \underline{u}^* + \underline{u}^* \cdot \nabla \underline{u}^* &= -\nabla p^* + Re^{-1} \Delta \underline{u}^* \\ \operatorname{div} \underline{u}^* &= 0 \end{aligned} \right\} \text{ on } \Omega \times [0, T]$$

$$\underline{u}^* = (0, v_w^*, 0) \quad \text{at } y^* = 0, \quad \forall (x^*, z^*, t^*)$$

$$|\underline{u}^*| \rightarrow 1, \quad p^* \rightarrow 0 \quad \text{as } y^* \rightarrow \infty$$

$$\underline{u}^* = \underline{u}_0^* \quad \text{at } t^* = 0 \text{ on } \Omega.$$



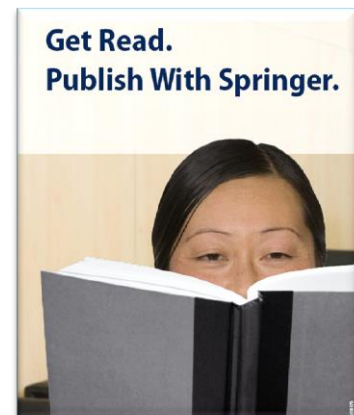
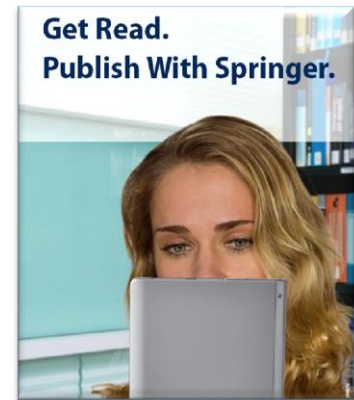
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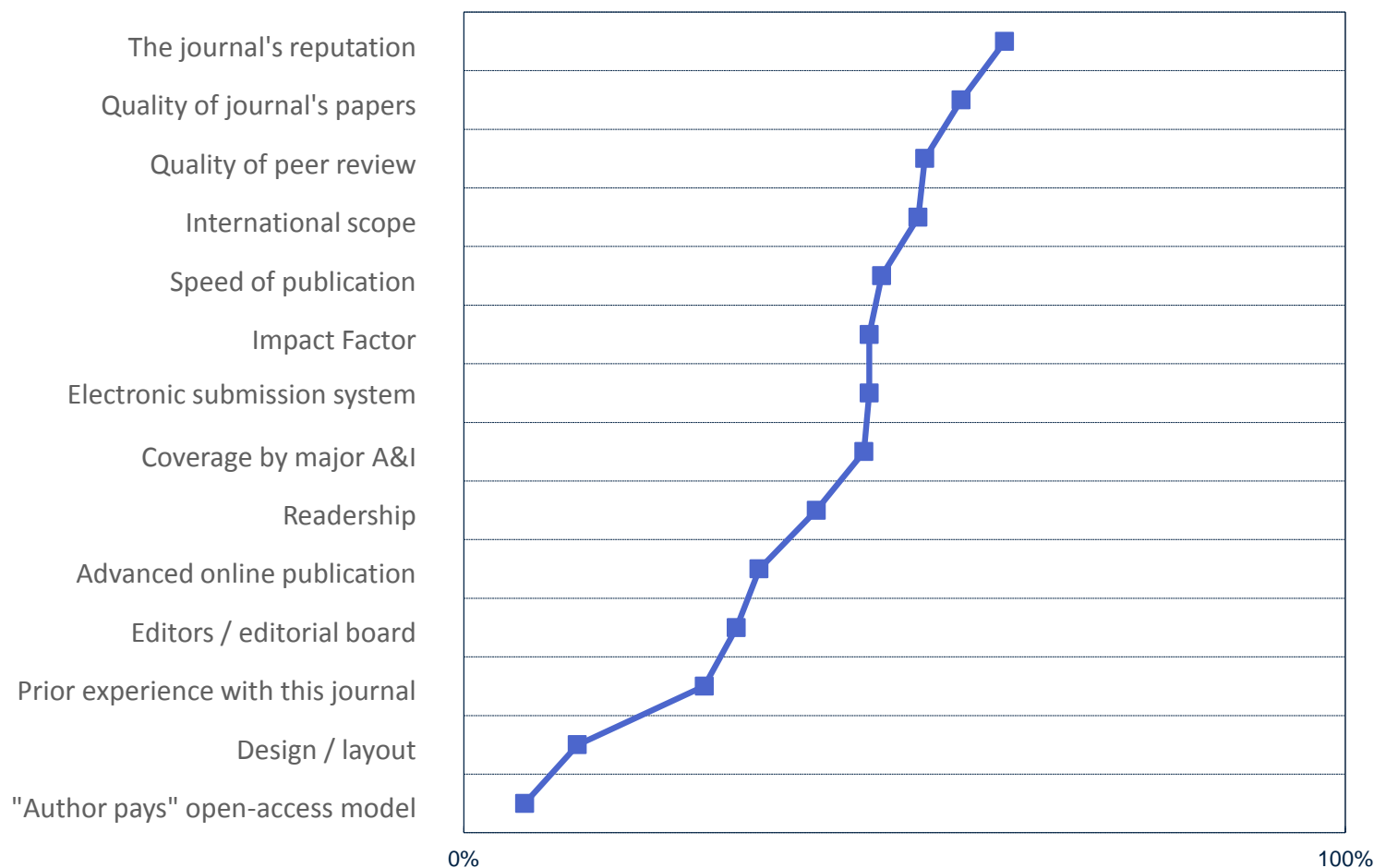


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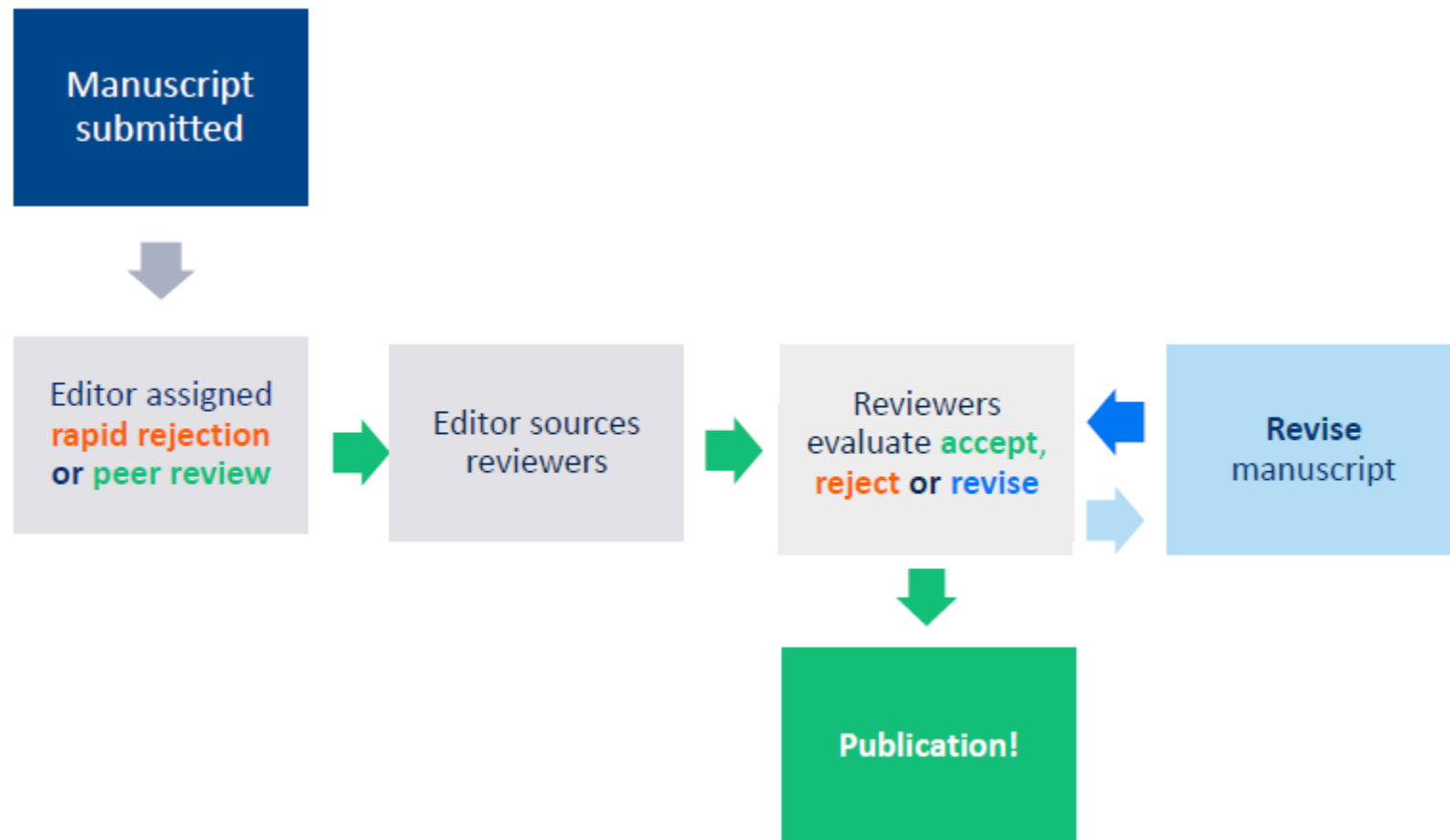
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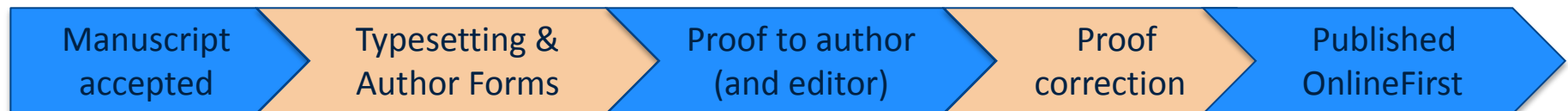
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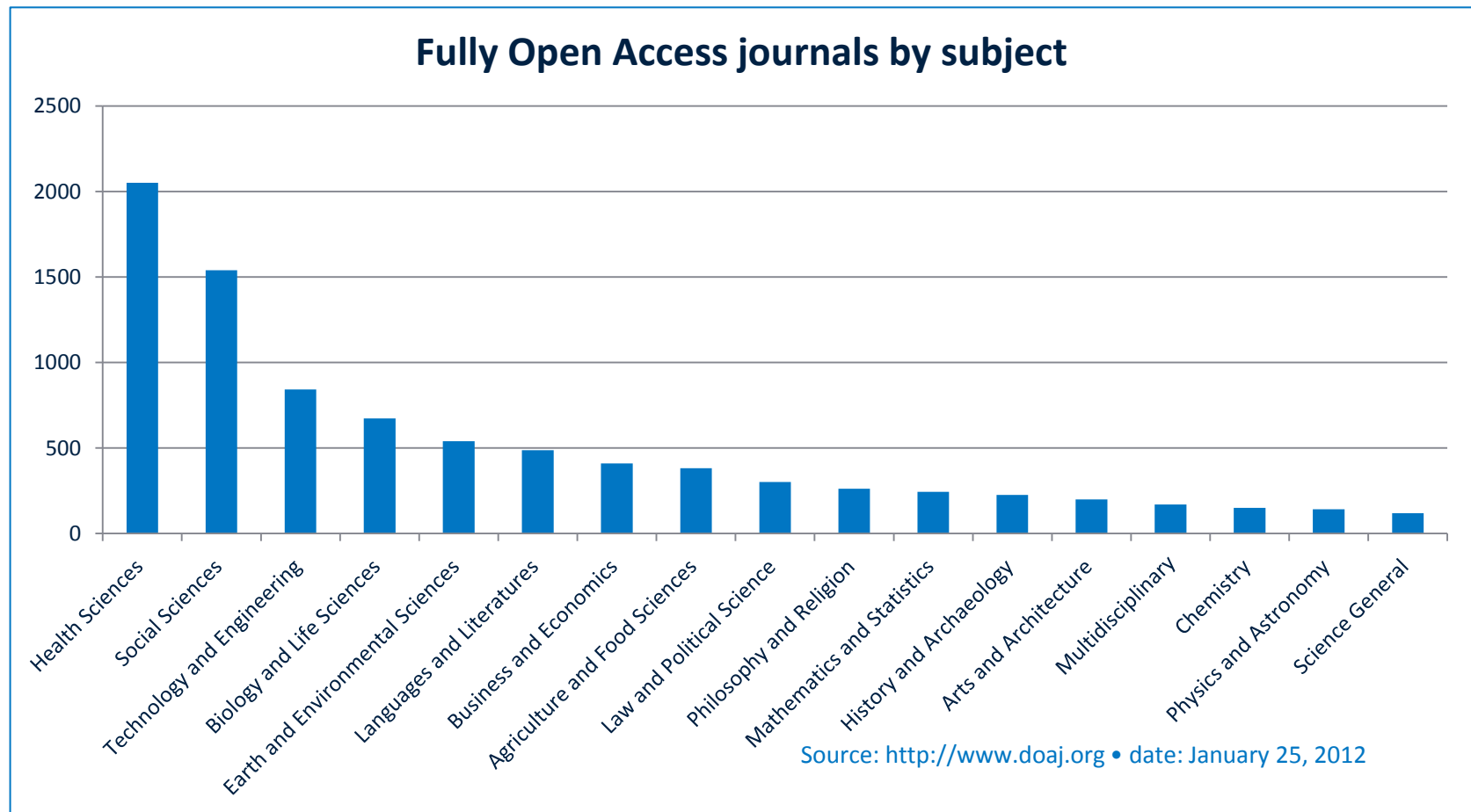
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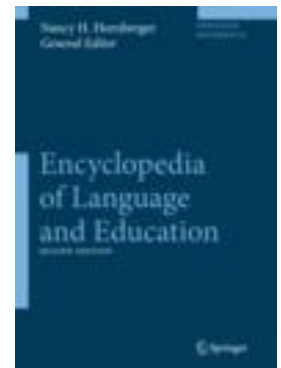
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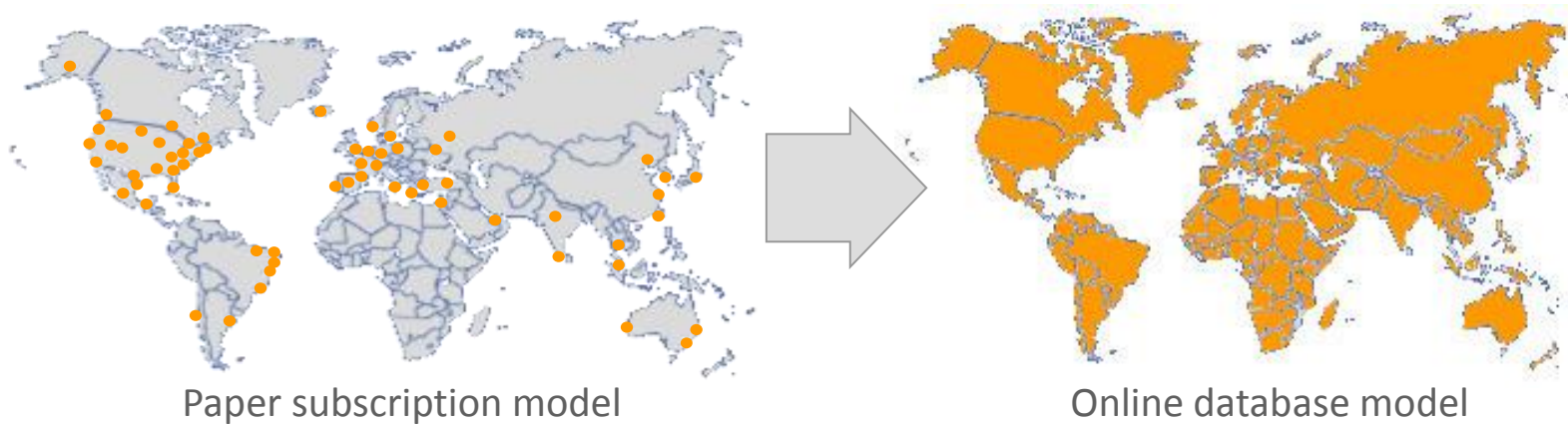
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