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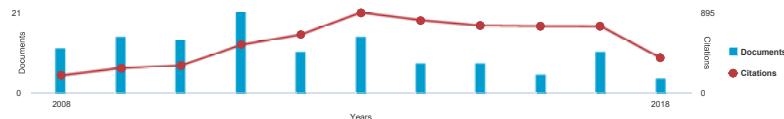
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Plasma-assisted synthesis of MoS2	Campbell, P.M., Perini, C.J., Chiu, J., (...), Ready, J., Vogel, E.M.	2018	2D Materials 5(1),015005	
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