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### List of Publications

S.No.	Publication	Impact factor
1	<b><u>R Kosuru</u></b> , U Rai, S Prakash, A Singh, S Singh. Promising therapeutic potential of pterostilbene and its mechanistic insight based on preclinical evidence. <i>European journal of pharmacology</i> 2016, 789: 229-243 (Review).	<b><u>3.040</u></b>
2	<b><u>R Kosuru</u></b> , S Singh. Pterostilbene ameliorates insulin sensitivity, glycemic control and oxidative stress in fructose-fed diabetic rats. <i>Life Sciences</i> 2017, 182:112-121.	<b><u>3.234</u></b>
3	<b><u>R Kosuru</u></b> , V Kandula, U Rai, S Prakash, Z Xia, S Singh. Pterostilbene decreases cardiac oxidative stress and inflammation via activation of AMPK/Nrf2/HO-1 pathway in fructose-fed diabetic rats. <i>Cardiovascular drugs and therapy</i> 2018, doi: 10.1007/s10557-018-6780-3.	<b><u>2.771</u></b>
4	<b><u>R Kosuru</u></b> , Y Cai, V Kandula, D Yan, H Zheng, Y Li, MG Irwin, S Singh, Z Xia. AMPK regulates cardioprotective effects of pterostilbene against myocardial ischemia-reperfusion injury in diabetic rats by modulating cardiac apoptosis. <i>Cellular Physiology and Biochemistry</i> 2018;46(4):1381-1397.	<b><u>5.50</u></b>

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