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Sildenafil (Viagra) prolongs cardiac repolarization by blocking the rapid component of the delayed rectifier potassium current

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#	Paper	IF	Citations
92	Inhibition of neuroeffector transmission in human vas deferens by sildenafil. <i>British Journal of Pharmacology</i> , 2000 , 131, 871-4	8.6	41
91	A risk-benefit assessment of sildenafil in the treatment of erectile dysfunction. <i>Drug Safety</i> , 2001 , 24, 255-65	5.1	3
90	Sildenafil citrate, a selective phosphodiesterase type 5 inhibitor: urologic and cardiovascular implications. <i>World Journal of Urology</i> , 2001 , 19, 40-5	4	15
89	Organising evidence on QT prolongation and occurrence of Torsades de Pointes with non-antiarrhythmic drugs: a call for consensus. <i>European Journal of Clinical Pharmacology</i> , 2001 , 57, 185-209	2.8	158
88	Physiology of EAG K ⁺ channels. <i>Journal of Membrane Biology</i> , 2001 , 182, 1-15	2.3	102
87	Editor@ comment on: "Press release: further research supports Viagra safety profile". <i>BJU International</i> , 2001 , 87, 905-7; author reply 907-9	5.6	
86	Reply. <i>BJU International</i> , 2001 , 87, 907-909	5.6	
85	Cardiac electrophysiologic and hemodynamic effects of sildenafil, a PDE5 inhibitor, in anesthetized dogs. <i>Journal of Cardiovascular Pharmacology</i> , 2001 , 38, 940-6	3.1	30
84	Three-dimensional quantitative structure-activity relationship for inhibition of human ether-a-go-go-related gene potassium channel. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002 , 301, 427-34	4.7	257
83	Sildenafil-nitric oxide donor combination promotes ventricular tachyarrhythmias in the swine right ventricle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 282, H1787-92	5.2	9
82	Sildenafil effects on exercise, neurohormonal activation, and erectile dysfunction in congestive heart failure: a double-blind, placebo-controlled, randomized study followed by a prospective treatment for erectile dysfunction. <i>Circulation</i> , 2002 , 106, 1097-103	16.7	150
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75	The significance of QT interval in drug development. <i>British Journal of Clinical Pharmacology</i> , 2002 , 54, 188-202	3.8	170
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71	K ⁺ channel structure-activity relationships and mechanisms of drug-induced QT prolongation. <i>Annual Review of Pharmacology and Toxicology</i> , 2003 , 43, 441-61	17.9	72
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- 3 Combination of Sildenafil and Ba at a Low Concentration Show a Significant Synergistic Inhibition of Inward Rectifier Potassium Current Resulting in Action Potential Prolongation.. *Frontiers in Pharmacology*, **2022**, 13, 829952 5.6 0
- 2 Cyclic nucleotide phosphodiesterases as therapeutic targets in cardiac hypertrophy and heart failure. 1
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