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The Cma 2012 Doppler Velocity

2012;10(12):1497-1516 ... In the presence of collaterals, the Doppler flow pattern in the descending aorta shows low velocity systolic and diastolic flow. The difference in amplitude of the ...

Imaging of Aortic Arch Anomalies and Associated Findings

As of January 2012, the tally of confirmed alien ... planet-hunting technique to date has been radial velocity, also called the Doppler wobble, with more than 400 newfound planets to its credit.

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Exoplanets: Alien Worlds

In 2012, it seemed that the matter was ... a good approach would be to use the "radial velocity method" or the "doppler technique", measuring the small movement a star makes as it responds ...

How Astronomers Could Find The 'Real' Planet Krypton

Noninvasive monitoring devices such as EEG, transcranial Doppler and NIRS provide alternative methods for indirectly measuring cerebral metabolic function without the risks of invasive probes and ...

New Approaches to Bedside Monitoring in Stroke

Canine lameness problems make up a large percentage of the patients seen on a daily basis by small animal veterinarians. They are often subtle, and sometimes even intermittent, making diagnosis of the ...

Orthopaedic Examination of the Canine Patient

The impact of endurance exercise training on the heart has received significant research and clinical attention for well over a century. Despite this, many issues remain controversial and clinical ...

The endurance athletes heart: acute stress and chronic adaptation

We identify an exceptional point in the

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numerical stability map of a combustion experiment operated with laminar premixed flames. A low-order model of the experiment allows one to investigate the ...

An exceptional point switches stability of a thermoacoustic experiment

2012) suggests that even in the Milky Way at the present day ... As of this writing, over 1000 confirmed exoplanets were known, mostly found through precise radial velocity (RV) surveys. Additionally, ...

Protostars and Planets VI

For example, in vivo cerebral blood flow velocity measurements have shown value in guiding transfusion therapy for pediatric sickle cell patients (35-37), suggesting that it may be possible to ...

A Biophysical Indicator of Vaso-occlusive Risk in Sickle Cell Disease

The researchers chose radial velocity, a process that looks for shifts in a star's light due to the tug of a planet, sometimes called the Doppler shift ... may arise from a 2012 detection ...

The exoplanet next door

This poses practical problems for players who must guide the creature through a world that morphs according to her velocity, incorporating concepts such as Doppler shift and length contraction.

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VISUALIZATION CHALLENGE

To measure the flow in the water tunnels, real-time monitoring stations will be established and acoustic Doppler velocity meters will be located in the tunnels. Water-quality sampling, profiling, and ...

Investigation of Flow Patterns, Water-Quantity and Water-Quality Conditions in the Bushy Park Reservoir, Charleston, South Carolina

Measurement of water velocities and depths within the Wilderness breach would be done with a Sontek M9 acoustic Doppler current profiler tethered ... conditions with an accuracy of 0.25% of measured ...

Hurricane Sandy - New York

This happens because, as mentioned by Leonardo, the decoy is able provide both Doppler and range obscuration with range and velocity "gates" that confuse the ECCM systems. BriteCloud is what ...

A Deep Dive Into BriteCloud Advanced Expendable Active Decoy

Repeat it in a constant manner, and that object's angle and velocity can be determined as well. Like anything else in technology, radar systems have vastly improved and changed over time ...

Wind Farms In The Night: On-Demand Warning

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Lights Are Coming

DOI 10.1016/j.cma.2014.10.049. Ch.-S. Huang
... A discontinuous Galerkin method for two-phase flow in a porous medium enforcing $H(\text{div})$ velocity and continuous capillary pressure. *Comput. Geosci.*, 17(6 ...

Todd J Arbogast

The particle size and zeta-potential measurements were conducted on a Malvern Zetasizer instrument, using dynamic light scattering and laser Doppler ... moved with the velocity, which was related ...

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