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the molecular basis of optical
However, its molecular basis is still poorly defined, leading to unclear and unspecified interpretations of fluorescence characterization. This research focused on the correlation analysis between

insights into the associations between optical and molecular signatures of dissolved organic matter from urban stormwater runoff
itsa.ucsf.edu In the past several years, a great deal has been learnt about the molecular basis through which specific neural pathways mechanisms that govern RGC axon guidance during optic nerve

connecting the eye to the brain: the molecular basis of ganglion cell axon guidance
More than being an interesting topic in science class, the electromagnetic spectrum is also vitally important for many aspects of our lives.

emagnetic spectrum is more important than you think. here's why
In recent years, advances in molecular diseases and optic neuropathies. The first sections will review progressive degenerative retinal diseases, which are classified on the basis of clinical

the genetics of hereditary retinopathies and optic neuropathies
Whilst currently the molecular and cellular processes underlying optic fissure closure are poorly understood both human and mouse data in trying to dissect the molecular basis of coloboma. An

ocular coloboma: a reassessment in the age of molecular neuroscience
Learning is the basis of memory It will be important in future work to utilize new optical and genetic tools to more carefully test the plasticity rules (i.e. the temporal, spatial and molecular

molecular mechanisms of fear learning and memory
Quantum mechanically entangled light particles break down the boundaries of conventional optics and allow a glimpse into previously infrared spectra of molecules (here: methane) can be recorded by

pushing the boundaries of optics
The developmental macular disorders are a heterogeneous group of disorders in terms of both their clinical characteristics and their molecular genetic basis. Although there retinal axons coursing

developmental macular disorders: phenotypes and underlying molecular genetic basis
Scientists at HIRI therefore work with single molecule optical tweezers, among other cutting-edge technologies. These make it possible to examine molecular structures and RNA functions in atomic

flipping a molecular switch
However, we are able to make use of photon-cycling, the basis of laser-cooling techniques by making the measurement using YbF molecules in a 3D optical lattice. This requires not only using laser

electron edm
and the molecular basis for neuroplasticity and neurodegenerative diseases. As with molecular biology, molecular neuroscience is a relatively new field that is considerably dynamic. Synaptic Loss, ER

advances in molecular neurobiology

molecular light scattering and optical activity
That is, the model is constructed to incorporate textbook molecular orbital theory. After demonstrating these fundamental properties on simple examples by examining the role of the orbital basis

equivariant representations for molecular hamiltonians and n-center atomic-scale properties
A machine-learned \( \hat{H} \) could, for instance, allow researchers to access observables such as optical textbook molecular orbital theory. After demonstrating these fundamental properties on simple