References for Ferrolens Magnetics and Magnetic Materials Webinar 2021

1. Ferrocell®
2. Ferromagnetism
3. Ferrofluid
4. Steric repulsion
5. Superparamagnetic state
6. Rosensweig Instability
7. Van der Waals
8. Pressure gradient instability
9. Superparamagnetic change state to ferromagnetic
10. Repulsive properties and align parallel to the magnetic field
11. Lorentz Force
12. Mie Scattering
13. Dynamic diffraction grating
14. Refractive index of the colloidal
15. Rayleigh Scattering
16. Bloch Wall
17. Dynamic speckle

Links to Related References
Published Papers and Books about the Ferrolens

1. Light scattering in plateau borders.
2. Jumping sundogs, cat's eye and ferrofluids
3. Observing the jumping laser dogs
4. Light polarization using ferrofluids and magnetic fields
5. Investigation of light patterns in a Ferrolens subjected to a magnetic field
6. Magnetic circles
7. Extinction of light by a Ferrocell and ferrofluid layers: a comparison
8. Non-linear stability observation using magneto-controlled diffraction with opto-fluidics
9. Observing dynamical systems using magneto-controlled diffraction
10. Optical vortex and Ferrocell: a comparative study
11. Ferrocell and magnetic patterns
12. Investigating dynamical systems using optic-fluidics
13. 2019 Techconnect conference in Boston: A lecture on the Ferrocell
14. Magnetically controlled reflection of a Ferrofluid cell
15. Photonic mapping of magnetic fields
16. Light and magnetism interacting with a Ferrocell
17. Real time visualization of magnetic fields

18. Observing dynamical systems using magneto-controlled diffraction
19. The quantum field of a magnet shown by a nanomagnetic ferrolens
20. Real time visualization of dynamic magnetic fields with a nanomagnetic ferrolens
21. Real time observation of a stationary magneton