

The Best Science Papers of Miles Mathis

I realized this list was needed while writing [my recent press release on Solar Cycles](#), where I was announcing my successful prediction of sunspot and flux spikes at major planetary conjunctions, due to charge channeling. I began listing some of my other top successes, and it dawned on me such a list would be useful to new readers, who must be overwhelmed by this site. You will say it is about time, but I have preferred to focus my energy on new papers, not on website re-designs. There are barely enough hours as it is, as you can imagine, given all my irons in the fire. If I had an assistant, the first thing I would assign him is the task of creating search features and indexes and glossaries, but I don't. It is just me.

This list is of the papers I think are most important, roughly in order of importance. Such a ranking is difficult, even for me, since I have even less distance from them than you do. History was just made and we have no bird's eye view of it. However, I may have a better view of it than most, so here goes. These are the top 50 papers out of about 600. About 400 are listed on my homepage, but another 200 haven't yet been transferred from my updates page.

All underlined links are good, even if they aren't colored.

1. [The Structure of the Atomic Nucleus, including how the periodic table is built](#). Extensive diagrams
2. [Unlocking the Lagrangian](#), by writing it as a unified field equation.
3. [Unified Fields in Disguise](#), Newton's gravity equation is shown to be the expression of two fields, including the charge field.
4. [A Redefinition of the Derivative](#). Calculus rewritten from the ground up.
5. [Superposition](#). A simple visual and mechanical explanation, destroying all previous theory.
6. [Unifying the Electron and Proton](#), by discovering the equation of [quantum spin mechanics](#).
7. [Maxwell's Equations](#), where we find they are also unified, with the displacement D being the charge field.
8. [The Orbit](#), where we find the ellipse is created by two fields, the second one being charge.
9. [Electron Bonding is a Myth](#). Charge channels, not electron orbitals.
10. [A Reworking of Quantum Chromodynamics](#). Actually, an utter destruction of the quark and Murray Gell-Mann.
11. [Gauss' Law as a Unified Field Equation](#). Some simple but revolutionary math links up Gauss' Electrical Law with his Gravity Law.
12. [The Galactic Rotation Problem](#), including a critique of MOND. Where I extend my UFT.
13. [Bode's Law](#), this old problem allows me to put my unified field equations into action. Also see the related paper on [Axial Tilt](#), where I do similar math on planetary tilts.
14. [Period Four of the Periodic Table](#). Nuclear diagrams of many metals.
15. [Rayleigh Scattering](#), where I completely rewrite the equation based on the charge field.
16. [The Infinite Weakness of the Theory of Weak Interaction](#). I explain parity loss and destroy Weinberg using the charge field.
17. [The Solar Cycles](#). I predict the two upcoming Solar Cycles, providing the full mechanics, all sine waves, and a full chart.
18. [Rainbows](#), where I show the rainbow is a reflection of the Sun's corona.
19. [Lift on a Wing](#). I show that lift is caused by rising charge, emitted right out of the Earth.
20. [The Hydrogen Bond](#). I show the full diagram, including the diagram of water.

21. **The [Fine Structure Constant](#)**, I answer Feynman's top question where he could not.
22. **The [Drude-Sommerfeld Model](#)**, where heat transfer is redefined based on the photon, not the electron, allowing us to dispense with this non-mechanical model.
23. **[Plate Tectonics](#)**, charge is the driving force of drift and tectonics.
24. **[Electrical Charge](#)**. I show that charge and mass are dimensionally equivalent, and use simple math to assign the permittivity of free space to the gravity of the proton. This is what allows me to unify Gauss, as above.
25. **[A Correction to \$a=v^2/r\$ \(and a refutation of Newton's Lemmae VI, VII & VIII\)](#)**. More disclarities in the orbital equations are resolved.
26. **[The Extinction of Pi](#)**. Where I prove $\pi=4$ in any kinematic analysis.
27. **[More Problems with Bohr](#)**. I show how Bohr conflated the electron and photon, burying the photon for almost a century.
28. **[The Hall Effect](#)**. Where I ditch electron holes for good.
29. **[Zero-point energy and the Casimir Effect](#)**. There is no zero-point energy: it is all charge.
- 29b. **[Solid Light? No, just another bad interpretation of the Charge Field](#)**. I am explain high-temperature superconduction mechanically, including showing the physical cause of the Meissner Effect. My analysis includes a full nuclear diagram of a Copper-Oxide ceramic, showing how charge is channeled through the architecture. This destroys BCS and RVB theory, Cooper pairs, polaritons, dimer math, and the rest of the fudged pseudo-explanations of solid-state physics.
30. **[The Trouble with Tides](#)**. I rewrite all tidal theory as charge, not gravity.
31. **The [Compton Effect](#), [Duality](#), and the [Klein-Nishina Formula](#)**, where I correct all three.
32. **The [Earth's Core](#)**, how the heat of the Earth is generated by charge channeling
33. **[The Magnetic Moments of Proton, Neutron, and Electron](#)**. I calculate them from first principles, using the charge field.
34. **[Anderson Localization](#)**, I ditch it and replace it with the charge field.
35. **[Nuclear Magnetic Resonance](#)**. I show how this works mechanically, using my charge field and nuclear diagrams.
36. **Rewriting the [Schrodinger Equation](#)**, as an expression of charge density.
37. **[The Great Methane Stink](#)**. I diagram Methane.
38. **[The Pressure Flow Hypothesis is False](#)**. How the charge field allows for transport in plants.
39. **[Atmospheric Pressure and the Charge Field](#)**. I show the charge field holds the atmosphere up, with astonishing equations as proof.
40. **[Perturbation Theory in the Light of Charge](#)**. How charge was buried in historical analysis and equations, from Newton to Laplace to Euler to the present time.
41. **[On Quantum Nonlocality](#)**. I jettison nonlocality, extending the wavefunction to do it.
42. **[Graphene](#)**. I explain Graphene using charge channeling and my nuclear diagrams.
43. **[The Charge Profile of \$\text{Sr}_2\text{CuO}_3\$](#)** . Where I use my nuclear diagrams to read mainstream data in shockingly novel and direct ways.
44. **[Color Theory](#)**, I uncover the antiphoton in color theory.
45. **The Equation $v = v_0 + at$ is False**, as a field equation. More confusion about gravity fields is dispelled, helping us solve the atmospheric muon problem.
46. **[The Moon Gives up a Secret](#)**. I use numbers from the Moon to separate out the charge field from the gravity field, allowing us to find real numbers for them. The number I find for the Earth's charge field ends up matching the number found by an unrelated method in my paper on Atmospheric Pressure.
47. **[The Discovery of First-Degree Relativity and the Refutation of Gamma](#)**. I prove the frequency transform in light theory is actually a relativistic equation, and that gamma is falsely derived. This leaves Relativity standing, but requires a whole slew of major corrections. Also see [The Perihelion](#)

[Precession of Mercury](#), perhaps the greatest mathematical analysis I have done, though it is not as important as some of these others.

48. [Energy Transforms in Relativity](#). By rerunning all of Einstein's proofs around $E=mc^2$, I show that the energy transform resolves directly into the standard kinetic energy equation, with no approximation, destroying all PPN formalisms.

49. [Gravity Waves of Propaganda](#). Where you see how I singlehandedly brought down BICEP, denying Guth the Nobel.

50. [The Big Lie-go](#). Where I also destroy LIGO.