

Photoacoustics for Cardiovascular Applications

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1. We can hear colors. (this thesis)
2. Catheter design needs to take into account the application, optimization for optical output or pressure received is useless without taking into account manipulator and tissue. (this thesis)
3. Photoacoustic imaging will be prominent in solving electrophysiology challenges. (this thesis)
4. Super-localization of sources is possible for contrasting sources. (this thesis)
5. Two wavelengths are better than one. (this thesis)
6. Natural selection is in the current times governed by money.
7. In order to get a new imaging method accepted, you first have to prove similarity to existing methods and thereafter that it is different.
8. While developing technology targeting highly inter-variable humans, repeatability is essential.
9. Optically, we are only a piece of meat.
10. Occam's Razor applies to system engineering : the simplest solution is the one that will fly.
11. Intuition is a double edged sword, it can be the light at the end of the tunnel, or the glimmer of a mirage in the desert.