Claudio Fernandez, M.A., Electrical Engineering

Brazil

EMF Journal Publications

de Salles, A.A., Bulla, G., Rodriguez, C.E.F. "Electromagnetic absorption in the head of adults and children due to mobile phone operation close to the head". *Electromagnetic Biology and Medicine, vol.* 25, pp. 349–360. 2006. http://dx.doi.org/10.1080/15368370601054894

Fernandez-Rodriguez CE, de Salles AA, Davis DL. Dosimetric Simulations of Brain Absorption of Mobile Phone Radiation—The Relationship Between psSAR and Age. *IEEE Access*, pp. 2425–2430. 2015. http://dx. DOI.org/10.1109/ACCESS.2015.2502900

Rodriguez, C., Salles, A., Davis, D. and Morgan, L. SAR simulations in SAM varying the dimensions, the distances and the age dependent dielectric parameters. 2015 SBMO/IEEE MTTS International Microwave and Optoelectronics Conference (IMOC), 3-6 November 2015, Porto de Galinhas, Brazil, DOI: 10.1109/IMOC.2015.7369166, INSPEC Number: 15688236

Fernández, C, de Salles AA, Sears ME, Morris RD, Davis LD, 2018. "Absorption of wireless radiation in the child versus adult brain and eye from cell phone conversation or virtual reality" *Environmental Research*, vol. 167, pp. 694–699. DOI: https://doi.org/10.1016/j.envres.2018.05.013

Bulla G., Fernández-Rodriguez, C., De Salles, A.A, 2019. Novel monopole antenna on a single AMC cell for low SAR, 2019 European Microwave Conference in Central Europe (EuMCE), Prague, Czech Republic, 13-15 May 2019, pp. 54-57, INSPEC Accession Number: 19078256, http://https://ieeexplore.ieee.org/document/8874706

Fernández-Rodriguez, C., Bulla, G. and de Salles, A.A., 2019. RF Exposure Due to Mobile Devices Operated Close to the Human Body. 49th European Microwave Conference (EuMC), Paris, France, 1-3 October 2019, pp. P.264-267. https://ieeexplore.ieee.org/document/8910925, INSPEC Accession Number**:** 19186834, DOI : 10.23919/EuMC.2019.8910925, ISBN/ISSN : 9782874870552.

De Salles A.A. and Fernández-Rodríguez C., Novel monopole antenna on a single AMC cell for low SAR. International Journal of Microwave and Wireless Technologies, vol. 12, no. 9, pp. 825–830, Nov. 2020, doi: 10.1017/S1759078720000458

Fernández-Rodríguez CE, Bulla G, Soares N, Fulgêncio G and de Salles AA, 2021. "Review of Low SAR Antennas for Mobile Applications," *2021 15th European Conference on Antennas and Propagation (EuCAP)*, 2021. pp. 1-5, DOI: 10.23919/EuCAP51087.2021.9411305.

Soares,N., Fernandez, C., Bulla, G. and de Salles, A., 2021. Desensitizing a Slot Bow-Tie Antenna for Mobile Device Operation Close to the Human Body SBMO/IEEE MTT-S International Microwave and Optoelectronics Conference (IMOC), 24-27 October 2021, Fortaleza, Brazil, https://ieeexplore.ieee.org/document/9624758, DOI : 10.1109/IMOC53012.2021.9624758

Geraldo Fulgencio O. Neto and Alvaro Augusto Salles, 2022. Patch Antenna with Slots and Sar reduced through AMC. International Journal of Advanced Engineering Research and Science (IJAERS) ISSN: 2349-6495(P) | 2456-1908(O), Vol-9, Issue-1; Jan, 2022, pp. 178-189, https://ijaers.com , DOI: https://dx.doi.org/10.22161/ijaers.91.22

Presentations

R. Touzet, J. Ferrari, E. Rossi, A. Souza de Assis, C: the Risks of Ce. Fernandez Rodriguez, "Electromagnetic Fields and People's Health: Cell Phones and Antennas".
IRPA15 - 15th International Congress of the International Radiation Protection Association (IRPA), January 18-22, 2021, Seoul, Korea, https://www.irpa2020.org/