

São apresentadas, a seguir, as referências dos trabalhos mais relevantes de cada professor do Departamento de Química, FACET/UFVJM:

Prof. Dr. João Paulo de Mesquita -

DA S. PINTO, TARCIANE ; ALVES, LARISSA A. ; DE AZEVEDO CARDOZO, GABRIELE ; MUNHOZ, VICTOR H.O. ; VERLY, RODRIGO M. ; [PEREIRA, FABIANO V.](#) ; **de Mesquita, João P.**

. Layer-by-layer self-assembly for carbon dots/chitosan-based multilayer: Morphology, thickness and molecular interactions. Materials Chemistry and Physics [180](#), p. 81-89, 2017.

MELO, E. J. ; SANTOS FILHO, E. ; CAVALCANTE, L. C. D. ; PEREIRA, M. C. ; **Mesquita, João Paulo**

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[Ardisson, J. D.](#)

; FABRIS, JOSÉ D. ;
[Oliveira, L. C. A.](#)

. Synthesis and characterization of $\alpha\text{Fe}_2\text{-XMXO}_3$ (M = Co, Ni, Cu or Zn) photocatalysts for the degradation of the indigo carmine dye in water (HYPE-D-16-00116R1). HYPERFINE INTERACTIONS [238](#), p. 59, 2017.

ALVES, LARISSA A. ; DE CASTRO, ARTHUR H. ; DE MENDONÇA, FERNANDA G. ; **de Mesquita, João P.**

. Characterization of acid functional groups of carbon dots by nonlinear regression data fitting of potentiometric titration curves. [Applied Surface Science](#) [286](#), p. 486-496, 2016. **Citações:**

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ARAÚJO, TIAGO CABRAL ; [OLIVEIRA, HENRIQUE DOS S.](#) ; TELES, JOSÉ JOAQUIM SÁ ; FABRIS, JOSE DOMINGOS ; OLIVEIRA, LUIZ C.A. ; **DE MESQUITA, JOÃO PAULO**

. Hybrid heterostructures based on hematite and highly hydrophilic carbon dots with photocatalytic activity. [Applied Catalysis B: Environmental](#) (Print) [182](#), p. 204-212, 2016. **Citações:**

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SOUZA, DÉBORA ROSA DA SILVA ; [MESQUITA, João Paulo de](#) ; LAGO, ROCHEL MONTERO ; CAMINHAS, LARISSA DURÃES ; [PEREIRA, F. V.](#)

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[de Mesquita, João P.](#)

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6. DE SOUSA, LINDOMAR G.; [Franco, Débora V.](#) ; **L.M. Da Silva**. Electrochemical ozone production using electrolyte-free water for environmental applications. Journal of Environmental Chemical Engineering, v. 1, p. 418-427, 2015.

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