

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:**

DOS SANTOS, WAYLER S. ; ALMEIDA, LEANDRO D. ; AFONSO, ANDRÉ S. ; RODRIGUEZ, MARIANDRY ; **MESQUITA, JOÃO P.** ; MONTEIRO, DOUGLAS S. ; OLIVEIRA, LUIZ C.A. ; FABRIS, JOSÉ D. ; PEREIRA, MÁRCIO C. . Photoelectrochemical water oxidation over fibrous and sponge-like  $\text{BiVO}_4/\beta\text{-Bi}_4\text{V}_2\text{O}_{11}$  photoanodes fabricated by spray polymerization. [Applied Catalysis B: Environmental](#) (Print) [170](#), p. 247-256, 2016. **Citações:**

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:**

DOS SANTOS, WAYLER S. ; RODRIGUEZ, MARIANDRY ; AFONSO, ANDRÉ S. ; [MESQUITA, João Paulo de](#)

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. Cellulose nanocrystals: A versatile precursor for the preparation of different carbon structures and luminescent nanodots. Industrial Crops and Products (Print)

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Prof. Dr. Leonardo Morais da Silva

1. TELES, JOSÉ J.S.; FARIA, EMANUEL R.; [Franco, Débora V.](#) ; **L.M. Da Silva**. Inner and Outer Surface Areas, Electrochemical Porosity, and Morphology Factor of Mixed Oxide-Covered Mesh Electrodes with a Nominal Composition of MOME-Sn(0.5)Ir(x)Ru(0.5-x)O<sub>2</sub>

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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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**Prof. Dr. Paulo Henrique Fidêncio**

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