

# Marina Piacenti da Silva

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1003357/publications.pdf>

Version: 2024-02-01

22  
papers

298  
citations

1040056

9  
h-index

940533

16  
g-index

22  
all docs

22  
docs citations

22  
times ranked

435  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Determination of Ca, Fe, Cu and Zn and their correlations in breast cancer and normal adjacent tissues. <i>X-Ray Spectrometry</i> , 2009, 38, 103-111.   | 1.4 | 50        |
| 2  | Trace elements as tumor biomarkers and prognostic factors in breast cancer: a study through energy dispersive x-ray fluorescence. <i>BMC Research Notes</i> , 2012, 5, 194.  | 1.4 | 46        |
| 3  | Melanin as an active layer in biosensors. <i>AIP Advances</i> , 2014, 4, .   | 1.3 | 43        |
| 4  | Discriminant analysis of trace elements in normal, benign and malignant breast tissues measured by total reflection X-ray fluorescence. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 587-592. | 2.9 | 33        |
| 5  | Melanin synthesis under oxygen pressure. <i>Polymer International</i> , 2016, 65, 1339-1346.   | 3.1 | 25        |
| 6  | Biocompatibility investigations of synthetic melanin and melanin analogue for application in bioelectronics. <i>Polymer International</i> , 2016, 65, 1347-1354.   | 3.1 | 25        |
| 7  | Temperature-enhanced synthesis of DMSO-Melanin. <i>Journal of Molecular Structure</i> , 2014, 1056-1057, 135-140.  | 3.6 | 16        |
| 8  | A preliminary study of the concentration of metallic elements in the blood of patients with multiple sclerosis as measured by ICP-MS. <i>Scientific Reports</i> , 2020, 10, 13112.                                   | 3.3 | 15        |
| 9  | Role of Ca, Fe, Cu and Zn in breast cancer: study by X-ray fluorescence techniques and immunohistochemical analysis. <i>X-Ray Spectrometry</i> , 2013, 42, 303-311.  | 1.4 | 12        |
| 10 | Lesion Volume Quantification Using Two Convolutional Neural Networks in MRIs of Multiple Sclerosis Patients. <i>Diagnostics</i> , 2022, 12, 230.   | 2.6 | 7         |
| 11 | A first approach to human biometeorology research in Brazil: a systematic review and meta-analysis. <i>International Journal of Biometeorology</i> , 2022, 66, 1297-1315.  | 3.0 | 7         |
| 12 | The influence of hydration on the architectural rearrangement of normal and neoplastic human breast tissues. <i>Heliyon</i> , 2019, 5, e01219.   | 3.2 | 5         |
| 13 | Aplicação dos modelos de Langmuir e Freundlich no estudo da casca de banana como bioadsorvente de cobre (II) em meio aquoso. <i>Revista Materia</i> , 2020, 25, .  | 0.2 | 5         |
| 14 | Evaluation of metal removal efficiency and its influence in the physicochemical parameters at two sewage treatment plants. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 263.                          | 2.7 | 3         |
| 15 | Correlations of trace elements in breast human tissues: Evaluation of spatial distribution using $\mu$ -XRF. , 2012, , .   |     | 2         |
| 16 | Valuation of the human thermal discomfort index for the five Brazilian regions in the period of El Niño-Southern Oscillation (ENSO). <i>International Journal of Biometeorology</i> , 2019, 63, 1507-1516.           | 3.0 | 2         |
| 17 | Influence of particulate matter and meteorological conditions on multiple sclerosis relapse: a preliminary study in São Paulo, Brazil. <i>Archives of Health Investigation</i> , 2017, 6, .                          | 0.1 | 2         |
| 18 | [P059] Analysis of metallic nanoparticles in patients with multiple sclerosis: quantification of brain lesions in MRI and evaluation by infrared microspectrometry. <i>Physica Medica</i> , 2018, 52, 116.           | 0.7 | 0         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Simulação de lesões de esclerose múltipla em imagens de ressonância magnética utilizando nanopartículas de zinco / Simulation of multiple sclerosis lesions on magnetic resonance Magnetic resonance imaging using zinc nanoparticles. Brazilian Journal of Development, 2021, 7, 94624-94637. | 0.1 | 0         |
| 20 | The Impact of El Niño on Fire Outbreaks and Human Thermal Discomfort in Brazil in the Period Between Summer of 2014/2015 until the Autumn of 2016. Anuario Do Instituto De Geociencias, 2019, 42, 192-201.   | 0.2 | 0         |
| 21 | Utilização de Partículas de Zinco em Fantoma para Simulação de Lesões de Esclerose Múltipla em Imagens de Ressonância Magnética. Revista Brasileira De Física Médica, 0, 15, 619.  | 0.0 | 0         |
| 22 | Influence of temperature and relative humidity on hospital admissions due to pneumonia: a study in the South and Southeast regions of Brazil. Conjeturas, 2022, 22, 1179-1193.   | 0.0 | 0         |