



Artigos e Publicações Científicas

ARTIGO	REVISTA	IMPACT FACTOR	ALUNO	MESTRADO	ORIENTADOR	ANO	OBS	AUTHOR
All-thin-film Perovskite/c-Si four-terminal tandems: interlayer and intermediate contacts optimization	ACS Applied Energy Materials		Manuel Manta Chapa	MIEMN	Prof. Manuel Mendes	2019	DOI: 10.1021/acsaem.9b00354	1º author
Laser-induced electrodes towards low-cost flexible UV ZnO sensors	Flexible and Printed Electronics		Ana Samouco	MEFísica	Prof. Elvira Fortunato	2019	Flexible and Printed Electronics 3 (4), 044002	1º author
Mellitus: A Smartphone Application for Image Processing and Colorimetric Analysis	Proceedings of the 17th International Conference on Mobile and Ubiquitous ...		André Rodrigues	MIEI	Prof. Elvira Fortunato	2019		1º author
Label-free nanosensing platform for breast cancer exosome profiling	ACS Sensors	5.711	Nuno Ferreira	MIEMN	Prof. Elvira Fortunato	2019	(em fase de correção no ACS Sensors), em conjunto F. Champalimaud	1º author
Electrospun composite cellulose acetate/iron oxide nanoparticles non-woven membranes for magnetic hyperthermia applications	Carbohydrate Polymers	5.158	Ricardo Matos	MIEBiomédica	Prof. João Paulo Borges / Paula Soares	2018	https://doi.org/10.1016/j.carbpol.2018.06.048	1º author
Graphene Oxide-Reinforced Aluminium-Matrix Nanostructured Composites Fabricated by Accumulative Roll Bonding	Composites Part B - Engineering	4.920	Francisco Branco Ferreira	MIEMat	Prof. Alexandre Velhinho	2019	doi.org/10.1016/j.compositesb.2018.11.075	1º author
NMR Methodology for a Rational Selection of Ionic Liquids: Extracting Polyphenols	Separation and Purification Technology	3.927	Raquel Barrulas	Mestrado em Química Bioorgânica	Marta Corvo	2019	doi.org/10.1016/j.seppur.2019.03.077	1º author
Paper-Based Nanoplatfoms for Multifunctional Applications	Nanomaterials — Open Access Journal	3.504	Maria Leonor Matias	MIEMN	Prof. Daniela Gomes	2018	http://hdl.handle.net/10362/58117	1º author
Efficient coverage of ZnO nanoparticles on cotton fibres for antibacterial finishing using a rapid and low cost in situ synthesis	New Journal of Chemistry	3.201	Raquel Borda d'Água	MBioq	Prof. Elvira Fortunato	2019	10.1039/C7NJ03418K	1º author
Development of polymeric anepctic meshes: auxetic metamaterials with negative thermal expansion	Smart Materials and Structures	2.963	Joana Raminhos	MIEMat	Prof. Alexandre Velhinho	2018	doi:10.1088/1361-665x/ab034b	1º author
Optimum Luminescent Down-Shifting Properties for High Efficiency and Stable Perovskite Solar Cells	ACS Applied Energy Materials		Miguel Diogo Furtado Alexandre	MIEMN	Prof. Manuel Mendes	2019	https://doi.org/10.1021/acsaem.9b00271	1º author
Customized tracheal design using 3D printing of a polymer hydrogel: influence of UV laser cross-link on mechanical properties	Journal of 3D printing in medicine		Ana Filipa Cristovão	Mbiomédica	Prof. Isabel Ferreira	2019	(to be published)	1º author
Colloidal-structured metallic micro-grids: High performance transparent electrodes in the red and infrared range	Solar Energy Materials and Solar Cells	5.018	João Sousa Luís	MIEMN	Prof. Manuel Mendes	2019	https://doi.org/10.1016/j.solmat.2019.03.046	2ºauthor
Microstructure and mechanical properties of gas tungsten arc welded Cu-Al-Mn shape memory alloy rods	Journal of Materials Processing	3.647	Beatriz Prego Lopes Crispim	MEMecânica	Prof. Braz Fernandes	2019	DOI: https://doi.org/10.1016/j.jmatprotec.2019.03.020	2ºauthor
Tailoring Upconversion and Morphology of Yb/Eu Doped Y ₂ O ₃ Nanostructures by Acid Composition Mediation	Nanomaterials — Open Access Journal	3.504	Mariana Matias	MIEMN	Prof. Daniela Gomes	2019	https://doi.org/10.3390/nano9020234	3º author
Microfluidics-Driven Fabrication of a Low Cost and Ultrasensitive SERS-Based Paper Biosensor	Applied Sciences - Basel	1.689	Kevin Oliveira	MIEMN	Prof. Hugo Águas	2019	https://doi.org/10.3390/app9071387	4º author
Reversible water driven chirality inversion in cellulose-based helices isolated from Erodium awns	Soft Matter	3.709	Filipa Alexandra Patrício Rodrigues Gonçalves	MIEMat	Prof. Helena Godinho	2019	doi:10.1039/C8SM02290A	4º author