UÃ©slen Rocha

List of Publications by Year
in descending order

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Version: 2024-02-01

27	2,505	489802 18	620720 26
papers	citations	h-index	g-index

28	28	28	2623
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photoluminescent nanoprobes based on thiols capped CdTe quantum dots for direct determination of thimerosal in vaccines. Talanta, 2021, 221, 121545.	2.9	11
2	Green emitting N, P-doped carbon dots as efficient fluorescent nanoprobes for determination of Cr(VI) in water and soil samples. Microchemical Journal, 2021, 166, 106219.	2.3	21
3	3Dâ€Printed Acoustofluidic Devices for Raman Spectroscopy of Cells. Advanced Engineering Materials, 2021, 23, 2100552.	1.6	3
4	3Dâ€Printed Acoustofluidic Devices for Raman Spectroscopy of Cells. Advanced Engineering Materials, 2021, 23, 2170040.	1.6	1
5	Binary activated iron oxide/SiO₂/NaGdF₄:RE (RE = Ce, and Eu; Yb, and Er) nanoparticles: synthesis, characterization and their potential for dual T₁â€“T₂ weighted imaging. New Journal of Chemistry, 2020, 44, 832-844.	1.4	4
6	Thulium doped LaF₃ for nanothermometry operating over 1000 nm. Nanoscale, 2019, 11, 8864-8869.	2.8	31
7	Second-order nonlinearity of NaNbO3 nanocrystals with orthorhombic crystalline structure. Journal of Luminescence, 2019, 211, 121-126.	1.5	13
8	Optomagnetic Nanoplatforms for In Situ Controlled Hyperthermia. Advanced Functional Materials, 2018, 28, 1704434.	7.8	59
9	Magnetic upconverting fluorescent NaGdF4:Ln3+ and iron-oxide@NaGdF4:Ln3+ nanoparticles. AIP Advances, 2018, 8, 056710.	0.6	6
10	Coreâ€“shell rare-earth-doped nanostructures in biomedicine. Nanoscale, 2018, 10, 12935-12956.	2.8	63
11	In Vivo Ischemia Detection by Luminescent Nanothermometers. Advanced Healthcare Materials, 2017, 6, 1601195.	3.9	73
12	In Vivo Subcutaneous Thermal Video Recording by Supersensitive Infrared Nanothermometers. Advanced Functional Materials, 2017, 27, 1702249.	7.8	159
13	In Vivo Luminescence Nanothermometry: from Materials to Applications. Advanced Optical Materials, 2017, 5, 1600508.	3.6	258
14	LaF3 core/shell nanoparticles for subcutaneous heating and thermal sensing in the second biological-window. Applied Physics Letters, 2016, 108, .	1.5	78
15	Optical lattice-like cladding waveguides by direct laser writing: fabrication, luminescence, and lasing. Optics Letters, 2016, 41, 2169.	1.7	16
16	Subtissue Imaging and Thermal Monitoring of Gold Nanorods through Joined Encapsulation with Ndâ€Doped Infraredâ€Emitting Nanoparticles. Small, 2016, 12, 5394-5400.	5.2	37
17	Unveiling in Vivo Subcutaneous Thermal Dynamics by Infrared Luminescent Nanothermometers. Nano Letters, 2016, 16, 1695-1703.	4.5	265
18	Real-time deep-tissue thermal sensing with sub-degree resolution by thermally improved Nd3+:LaF3 multifunctional nanoparticles. Journal of Luminescence, 2016, 175, 149-157.	1.5	71

#	Article	IF	Citations
19	Self-monitored photothermal nanoparticles based on coreâ€“shell engineering. Nanoscale, 2016, 8, 3057-3066.	2.8	107
20	Neodymium-doped nanoparticles for infrared fluorescence bioimaging: The role of the host. Journal of Applied Physics, 2015, 118, .	1.1	102
21	Intratumoral Thermal Reading During Photoâ€Thermal Therapy by Multifunctional Fluorescent Nanoparticles. Advanced Functional Materials, 2015, 25, 615-626.	7.8	274
22	1.3 Î¼m emitting SrF2:Nd3+ nanoparticles for high contrast in vivo imaging in the second biological window. Nano Research, 2015, 8, 649-665.	5.8	185
23	Neodymiumâ€Doped LaF₃ Nanoparticles for Fluorescence Bioimaging in the Second Biological Window. Small, 2014, 10, 1141-1154.	5.2	185
24	Nd3+ doped LaF3 nanoparticles as self-monitored photo-thermal agents. Applied Physics Letters, 2014, 104, 053703.	1.5	116
25	Subtissue Thermal Sensing Based on Neodymium-Doped LaF₃ Nanoparticles. ACS Nano, 2013, 7, 1188-1199.	7.3	338
26	Optimum quantum dot size for highly efficient fluorescence bioimaging. Journal of Applied Physics, 2012, 111, 023513.	1.1	27
27	Bioconjugation Between CdTe Quantum Dots and a Cationic Protein: An Analytical Method to Determine Protamine in Drug and Urine Samples. Journal of the Brazilian Chemical Society, 0, , .	0.6	2