

M C RodrÃ-guez-Aranda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7483485/publications.pdf>

Version: 2024-02-01

12
papers

138
citations

1307594

7
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

167
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of SARS-CoV-2 and its S and N proteins using surface enhanced Raman spectroscopy. RSC Advances, 2021, 11, 25788-25794.	3.6	53
2	Ferroelectric hysteresis and improved fatigue of PZT (53/47) films fabricated by a simplified sol-gel acetic-acid route. Journal of Materials Science: Materials in Electronics, 2014, 25, 4806-4813.	2.2	22
3	Photoluminescence of sol-gel synthesized PZT powders. Journal of Luminescence, 2016, 179, 280-286.	3.1	13
4	Temperature dependence of the Raman dispersion of Sr ₂ Nb ₂ O ₇ : Influence of an electric field during the synthesis. Journal of Raman Spectroscopy, 2019, 50, 102-114.	2.5	11
5	Synthesis and optical characterization of Pb(Zr _{0.53} Ti _{0.47})O ₃ thin films on indium tin oxide/quartz substrates by a simplified sol-gel route. Journal of Materials Science: Materials in Electronics, 2015, 26, 100-106.	2.2	8
6	High-pressure structural change in the ferroelectric layered perovskite $Sr_{1-x}La_xNb_2O_{7-2x}$. Journal of Raman Spectroscopy, 2019, 50, 102-114.	3.2	8
7	Influence of deposition procedure on the properties of multiferroic BiFeO ₃ -based thin films deposited by radio frequency sputtering. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	7
8	Determination of the denaturation temperature of the Spike protein S1 of SARS-CoV-2 (2019 nCoV) by Raman spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 264, 120269.	3.9	7
9	Resistance-Based Biosensor of Multi-Walled Carbon Nanotubes. Journal of Immunoassay and Immunochemistry, 2015, 36, 142-148.	1.1	4
10	Thermal tuning of the morphology of hydrothermally synthesized CeO ₂ nanotubes for photocatalytic applications. Ceramics International, 2022, 48, 17802-17815.	4.8	4
11	Structural and Raman study of the thermoelectric solid solution Sr _{1.9} La _{0.1} Nb ₂ O ₇ . Journal of Raman Spectroscopy, 2021, 52, 737-749.	2.5	1
12	Infrared reflectance anisotropy of wurzite GaN. Journal of Applied Physics, 2009, 106, 063523.	2.5	0