

# M C RodrÃ-guez-Aranda

## List of Publications by Year in descending order

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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	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
2	Thermal tuning of the morphology of hydrothermally synthesized CeO <sub>2</sub> nanotubes for photocatalytic applications. Ceramics International, 2022, 48, 17802-17815.	4.8	4
3	Structural and Raman study of the thermoelectric solid solution Sr <sub>1.9</sub> La <sub>0.1</sub> Nb <sub>2</sub> O <sub>7</sub> . Journal of Raman Spectroscopy, 2021, 52, 737-749.	2.5	1
4	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
5	High-pressure structural change in the ferroelectric layered perovskite $\text{Sr}_{1-x}\text{La}_x\text{Nb}_2\text{O}_7$ . Journal of Raman Spectroscopy, 2021, 52, 737-749.	3.2	8
6	Temperature dependence of the Raman dispersion of Sr <sub>2</sub> Nb <sub>2</sub> O <sub>7</sub> : Influence of an electric field during the synthesis. Journal of Raman Spectroscopy, 2019, 50, 102-114.	2.5	11
7	Influence of deposition procedure on the properties of multiferroic BiFeO <sub>3</sub> -based thin films deposited by radio frequency sputtering. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	7
8	Photoluminescence of sol-gel synthesized PZT powders. Journal of Luminescence, 2016, 179, 280-286.	3.1	13
9	Synthesis and optical characterization of Pb(Zr <sub>0.53</sub> Ti <sub>0.47</sub> )O <sub>3</sub> thin films on indium tin oxide/quartz substrates by a simplified sol-gel route. Journal of Materials Science: Materials in Electronics, 2015, 26, 3486-3492.	2.2	8
10	Resistance-Based Biosensor of Multi-Walled Carbon Nanotubes. Journal of Immunoassay and Immunochemistry, 2015, 36, 142-148.	1.1	4
11	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
12	Infrared reflectance anisotropy of wurzite GaN. Journal of Applied Physics, 2009, 106, 063523.	2.5	0