

# America Vazquez-Olmos

## List of Publications by Year in descending order

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20  
papers

802  
citations

567281

15  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1302  
citing authors

#	ARTICLE	IF	CITATIONS
1	ZnFe <sub>2</sub> O <sub>4</sub> and CuFe <sub>2</sub> O <sub>4</sub> Nanocrystals: Synthesis, Characterization, and Bactericidal Application. <i>Journal of Cluster Science</i> , 2023, 34, 111-119.	3.3	10
2	Facile solid-state synthesis and study in vitro of the antibacterial activity of NiO and NiFe <sub>2</sub> O <sub>4</sub> nanoparticles. <i>Materialia</i> , 2021, 15, 100955.	2.7	12
3	Sorption of Pb(II) from Aqueous Solutions by Acid-Modified Clinoptilolite-Rich Tuffs with Different Si/Al Ratios. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2415.	2.5	20
4	Magnonic sensor array based on magnetic nanoparticles to detect, discriminate and classify toxic gases. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 497-502.	7.8	37
5	Mechanosynthesis of MFe <sub>2</sub> O <sub>4</sub> (M = Co, Ni, and Zn) Magnetic Nanoparticles for Pb Removal from Aqueous Solution. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-9.	2.7	37
6	Luminescent ceramic nano-pigments based on terbium-doped zinc aluminate: Synthesis, properties and performance. <i>Dyes and Pigments</i> , 2015, 119, 22-29.	3.7	27
7	Diluted magnetic semiconductors based on Mn-doped In <sub>2</sub> O <sub>3</sub> nanoparticles. <i>Journal of Alloys and Compounds</i> , 2014, 615, S522-S525.	5.5	30
8	Turquoise blue nanocrystalline pigment based on Li <sub>1.33</sub> Ti <sub>1.66</sub> O <sub>4</sub> : Synthesis and characterization. <i>Ceramics International</i> , 2011, 37, 1465-1471.	4.8	10
9	Silver nanoparticles synthesized by direct photoreduction of metal salts. Application in surface-enhanced Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 376-380.	2.5	96
10	Instantaneous Synthesis of Stable Zerovalent Metal Nanoparticles under Standard Reaction Conditions. <i>Journal of Physical Chemistry B</i> , 2008, 112, 14427-14434.	2.6	34
11	Photoacoustic and Dielectric Study of Lead Zirconate Titanate Nanoparticles. <i>Ferroelectrics</i> , 2007, 361, 92-104.	0.6	1
12	Micro-Raman investigation of transition-metal-doped ZnO nanoparticles. <i>Journal of Raman Spectroscopy</i> , 2007, 38, 1073-1076.	2.5	74
13	Preparation of free-standing Pb(Zr <sub>0.52</sub> Ti <sub>0.48</sub> )O <sub>3</sub> nanoparticles by sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2007, 42, 145-149.	2.4	17
14	Contact angle studies on anodic porous alumina. <i>Journal of Colloid and Interface Science</i> , 2005, 287, 664-670.	9.4	61
15	One-step synthesis of Mn <sub>3</sub> O <sub>4</sub> nanoparticles: Structural and magnetic study. <i>Journal of Colloid and Interface Science</i> , 2005, 291, 175-180.	9.4	157
16	Room-temperature synthesis of Mn <sub>3</sub> O <sub>4</sub> nanorods. <i>Applied Physics A: Materials Science and Processing</i> , 2005, 81, 1131-1134.	2.3	20
17	Activation of CdS nanoparticles by metallic ions and their selective interactions with PAMAM dendrimers. <i>Colloid and Polymer Science</i> , 2004, 282, 957-964.	2.1	8
18	Synthesis of ZnO Nanoparticles on a Clay Mineral Surface in Dimethyl Sulfoxide Medium. <i>Langmuir</i> , 2004, 20, 2855-2860.	3.5	89

#	ARTICLE	IF	CITATIONS
19	Versatile behavior of 2-guanidinobenzimidazole nitrogen atoms toward protonation, coordination and methylation. <i>Heteroatom Chemistry</i> , 1997, 8, 397-410.	0.7	37
20	Coordination behaviour of 2-guanidinobenzimidazole towards cobalt(II), nickel(II), copper(II) and zinc(II). An experimental and theoretical study. <i>Transition Metal Chemistry</i> , 1996, 21, 31-37.	1.4	25