

# Octavio Meza

## List of Publications by Year in descending order

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16  
papers

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citations

932766

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h-index

940134

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16  
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16  
docs citations

16  
times ranked

633  
citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescence Concentration Quenching Mechanism in $Gd_2O_3:Eu^{3+}$ . Journal of Physical Chemistry A, 2014, 118, 1390-1396.	1.1	99
2	Role of $Yb^{3+}$ and $Er^{3+}$ concentration on the tunability of green-yellow-red upconversion emission of codoped $ZrO_2:Yb^{3+}/Er^{3+}$ nanocrystals. Journal of Applied Physics, 2010, 108, .	1.1	73
3	Color tunability of the upconversion emission in $Er^{3+}/Yb^{3+}$ doped the wide band gap nanophosphors $ZrO_2$ and $Y_2O_3$ . Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 174, 177-181.	1.7	47
4	Luminescence and energy transfer properties of $Eu^{3+}$ and $Gd^{3+}$ in $ZrO_2$ . Journal of Luminescence, 2014, 146, 398-403.	1.5	33
5	Blue-green upconversion emission in $ZrO_2:Yb^{3+}$ nanocrystals. Journal of Applied Physics, 2008, 104, .	1.1	27
6	Screening of factors influencing the photocatalytic activity of $TiO_2:Ln$ ( $Ln=La, Ce, Pr, Nd, Sm, Eu$ and $Tj$ ) $ETQq000rgBT/Overlock10Tf$	1.4	25
7	Visible upconversion emission and non-radiative direct $Yb^{3+}$ to $Er^{3+}$ energy transfer processes in nanocrystalline $ZrO_2:Yb^{3+},Er^{3+}$ . Optics and Lasers in Engineering, 2011, 49, 703-708.	2.0	20
8	Effect of $Tb^{3+}$ concentration in the visible emission of terbium-doped gadolinium oxysulfide microspheres. Solid State Sciences, 2018, 84, 8-14.	1.5	14
9	Localization of acoustic modes in periodic porous silicon structures. Nanoscale Research Letters, 2014, 9, 419.	3.1	13
10	Tuning from green to red the upconversion emission of $Y_2O_3:Er^{3+}/Yb^{3+}$ nanophosphors. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	1.1	11
11	Effect of solvent on the up- and downconversion emissions of $Y_2O_3:Yb^{3+}/Er^{3+}$ nanofibers synthesized by a hydrothermal method. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 649.	0.9	7
12	Influential factors on the outer lens color in an industrial injection molding process. International Journal of Advanced Manufacturing Technology, 2013, 66, 455-460.	1.5	6
13	Enhancement of Visible Upconversion Emission in $Y_2O_3:Er^{3+}/Yb^{3+}$ by Addition of Thiourea and LiOH in the Phosphor Synthesis. Journal of Nanomaterials, 2015, 2015, 1-8.	1.5	6
14	Study of visible light emission under UV excitation in $Y_2O_3:Er^{3+}/Gd^{3+}$ and $Y_2O_3:Eu^{3+}/Gd^{3+}$ nanocrystals. Journal of Sol-Gel Science and Technology, 2018, 86, 782-794.	1.1	6
15	Dynamics of the Green and Red Upconversion Emissions in $Yb^{3+}/Er^{3+}$ -Codoped $Y_2O_3$ Nanorods. Journal of Nanomaterials, 2010, 2010, 1-8.	1.5	3
16	Down-shifting emission by charge transfer band in porous silicon infiltrated with $Eu^{3+}$ and $Gd^{3+}$ ions. Superlattices and Microstructures, 2018, 120, 588-597.	1.4	2