# An Meza-Rocha

List of Publications by Year
in descending order

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|---|---|---|---|
| 49<br>papers | 1,246<br>citations | 279487<br>23<br>h-index | 377514<br>34<br>g-index |
| 49<br>all docs | 49<br>docs citations | 49<br>times ranked | 824<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Luminescence properties of Tb3+-doped zinc phosphate glasses for green laser application. Optical Materials, 2016, 58, 406-411. | 1.7 | 73 |
| 2 | Reddish-orange and neutral/warm white light emitting phosphors: Eu 3+ , Dy 3+ and Dy 3+ /Eu 3+ in potassium-zinc phosphate glasses. Journal of Luminescence, 2017, 183, 341-347. | 1.5 | 69 |
| 3 | White light generation in Dy3+-and Ce3+/Dy3+-doped zincâ€“sodiumâ€“aluminosilicate glasses. Journal of Luminescence, 2015, 167, 327-332. | 1.5 | 60 |
| 4 | Orange and reddish-orange light emitting phosphors: Sm3+ and Sm3+/Eu3+ doped zinc phosphate glasses. Journal of Luminescence, 2015, 167, 305-309. | 1.5 | 59 |
| 5 | Development of sodium-zinc phosphate glasses doped with Dy3+, Eu3+ and Dy3+/Eu3+ for yellow laser medium, reddish-orange and white phosphor applications. Journal of Luminescence, 2018, 194, 231-239. | 1.5 | 57 |
| 6 | Neutral and warm white light emission in Tb3+/Sm3+ zinc phosphate glasses. Optical Materials, 2015, 47, 537-542. | 1.7 | 55 |
| 7 | Nd3+-doped heavy metal oxide based multicomponent borate glasses for 1.06â€Î¼m solid-state NIR laser and O-band optical amplification applications. Optical Materials, 2018, 78, 142-159. | 1.7 | 54 |
| 8 | Blue and white light emission in Tm3+ and Tm3+/Dy3+ doped zinc phosphate glasses upon UV light excitation. Optical Materials, 2016, 58, 183-187. | 1.7 | 48 |
| 9 | White light generation in Tb3+/Eu3+/Dy3+ triply-doped Zn(PO3)2 glass. Optical Materials, 2016, 51, 128-132. | 1.7 | 47 |
| 10 | White light generation through Zn(PO 3 ) 2 glass activated with Eu 3+ and Dy 3+. Journal of Luminescence, 2016, 176, 235-239. | 1.5 | 41 |
| 11 | Structural and optical studies of Er 3+ -doped alkali/alkaline oxide containing zinc boro-aluminosilicate glasses for 1.5ÂÎ¼m optical amplifier applications. Optical Materials, 2017, 69, 401-419. | 1.7 | 41 |
| 12 | Green to white tunable light emitting phosphors: Dy 3+ /Tb 3+ in zinc phosphate glasses. Optical Materials, 2017, 64, 33-39. | 1.7 | 39 |
| 13 | Lithium-aluminum-zinc phosphate glasses activated with Tb3+ and Tb3+/Eu3+ for green laser medium, reddish-orange and white phosphor applications. Optical Materials, 2018, 79, 358-365. | 1.7 | 37 |
| 14 | White, yellow and reddish-orange light generation in lithium-aluminum-zinc phosphate glasses co-doped with Dy3+/Tb3+ and tri-doped with Dy3+/Tb3+/Eu3+. Journal of Luminescence, 2020, 219, 116882. | 1.5 | 36 |
| 15 | Reddish-orange, neutral and warm white emissions in Eu3+, Dy3+ and Dy3+/Eu3+ doped CdO-GeO2-TeO2 glasses. Solid State Sciences, 2016, 61, 70-76. | 1.5 | 33 |
| 16 | Effect of alkali/mixed alkali metal ions on the thermal and spectral characteristics of Dy3+:B2O3-PbO-Al2O3-ZnO glasses. Journal of Non-Crystalline Solids, 2018, 481, 191-201. | 1.5 | 33 |
| 17 | Tunable white-light emission from Pr3+/Dy3+ co-doped B2O3 - TeO2 PbO - ZnO Li2O - Na2O glasses. Optical Materials, 2019, 88, 558-569. | 1.7 | 32 |
| 18 | Er3+/Dy3+ codoped B2O3-TeO2-PbO-ZnO-Li2O-Na2O glasses: Optical absorption and fluorescence features study for visible and near-infrared fiber laser applications. Journal of Non-Crystalline Solids, 2019, 503-504, 366-381. | 1.5 | 31 |

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|---|---|---|---|
| 19 | Calcium-zinc phosphate glasses activated with Tb3+/Eu3+ for laser and white LED applications. Journal of Luminescence, 2019, 215, 116621. | 1.5 | 28 |
| 20 | Dependence of the up-conversion emission of Li+ co-doped Y2O3:Er3+ films with dopant concentration. Journal of Luminescence, 2015, 167, 352-359. | 1.5 | 27 |
| 21 | Lithium-aluminum-zinc phosphate glasses activated with Sm3+, Sm3+/Eu3+ and Sm3+/Tb3+ for reddish-orange and white light generation. Journal of Alloys and Compounds, 2020, 846, 156332. | 2.8 | 27 |
| 22 | Analysis of fluorescence characteristics of Sm3+-doped B2O3-rich glasses for Orange-light-emitting diodes. Journal of Alloys and Compounds, 2021, 884, 161076. | 2.8 | 27 |
| 23 | Up and down-shifting emission properties of novel Er3+-doped CdO-V2O5-P2O5 glass system. Ceramics International, 2019, 45, 1609-1615. | 2.3 | 23 |
| 24 | Enhanced photoluminescence of Y2O3:Er3+ thin films by Li+ co-doping. Journal of Luminescence, 2013, 141, 173-176. | 1.5 | 22 |
| 25 | Photoluminescent and electrical properties of novel Nd3+ doped ZnV2O6 and Zn2V2O7. Ceramics International, 2016, 42, 8425-8430. | 2.3 | 21 |
| 26 | Fluorescence features of Tm3+-doped multicomponent borosilicate and borotellurite glasses for blue laser and S-band optical amplifier applications. Optical Materials, 2019, 96, 109354. | 1.7 | 18 |
| 27 | Cold bluish white and blue emissions in Cu+-doped zinc phosphate glasses. Journal of Luminescence, 2020, 217, 116791. | 1.5 | 18 |
| 28 | Burstein Moss effect in CdOâ€“V2O5â€“P2O: Er3+ glasses, and the Yb3+ concentration effect on up conversion and downshifting emissions. Journal of Alloys and Compounds, 2020, 834, 154966. | 2.8 | 16 |
| 29 | Spectroscopic study of Er3+ doped borate glass system for green emission device, NIR laser, and optical amplifier applications. Journal of Luminescence, 2021, 238, 118216. | 1.5 | 16 |
| 30 | Spectroscopic analysis of Nd3+-doped cadmium-vanadate invert glasses for near-infrared laser applications. Journal of Non-Crystalline Solids, 2021, 572, 121085. | 1.5 | 15 |
| 31 | Pr3+-doped B2O3-Bi2O3-ZnO-NaF glasses comprising alkali/mixed alkali oxides for potential warm white light generation, blue laser, and E-+S-+C-optical bands amplification applications. Journal of Materials Research and Technology, 2021, , . | 2.6 | 14 |
| 32 | Zinc phosphate glasses activated with Dy3+/Eu3+/Sm3+ and Tb3+/Eu3+/Sm3+ for reddish-orange and yellowish white phosphor applications. Journal of Luminescence, 2018, 203, 74-82. | 1.5 | 13 |
| 33 | Spectroscopic evaluation a new and novel Nd3+/Yb3+ co-doped CdO-V2O5 glass system for 1â€Î¼m laser application. Journal of Alloys and Compounds, 2019, 777, 886-893. | 2.8 | 13 |
| 34 | Li+ co-doping effect on the photoluminescence time decay behavior of Y2O3:Er3+ films. Journal of Luminescence, 2014, 154, 106-110. | 1.5 | 12 |
| 35 | Survey of optical and fluorescence traits of Tm3+-doped alkali/mixed alkali oxides constituting B2O3-BaO-ZnO-LiF glasses for 0.45ÂÎ¼m laser and 1.46ÂÎ¼m fiber amplifier. Results in Physics, 2021, 26, 104343. | 2.0 | 11 |
| 36 | Tunable white light emission in zinc phosphate glasses activated with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mrow><mml:msubsup><mml:mrow><mml:mtext>Ag</mml:mtext></mml:mrow><mml:mrow><mml:mtext>m</mml:mtext></mml:mrow> clusters and Sm3+. Journal of Luminescence, 2020, 222, 117104. | 1.5 | 10 |

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|---|---|---|---|
| 37 | Optical and visible and near-infrared fluorescence aspects of Er3+, Tm3+, and Nd3+-doped B2O3-rich glasses for fiber amplifiers and NIR lasers. Journal of Materials Research and Technology, 2022, 18, 658-680. | 2.6 | 10 |
| 38 | Spectroscopy evaluation of crystalline and amorphous Cd 2 V 2 O 7 as blue phosphors. Journal of Luminescence, 2018, 195, 234-239. | 1.5 | 9 |
| 39 | Down-shifting and down-conversion emission properties of novel CdOâ€“P2O5 invert glasses activated with Pr3+ and Pr3+/Yb3+ for photonic applications. Optical Materials, 2021, 116, 111009. | 1.7 | 9 |
| 40 | Visible and near infra-red luminescent emission from Y2O3:Er3+ films co-doped with Li+ and their elemental composition by ion beam analysis. Ceramics International, 2014, 40, 14647-14653. | 2.3 | 7 |
| 41 | Redâ€“orange to green tunable upconversion emission from HfO2 ceramics embedded in polyester films. Ceramics International, 2015, 41, 12331-12339. | 2.3 | 7 |
| 42 | Assessment of optical and fluorescence aspects of Er3+-doped multicomponent B2O3 glasses as active media for 1.532ÂÎ¼m near-infrared optical amplifiers. Journal of Materials Research and Technology, 2022, 18, 3457-3477. | 2.6 | 7 |
| 43 | Optical spectroscopy of zinc phosphate films activated with Ce3+, Tb3+ and Mn2+ ions for white LED applications. Optical Materials, 2018, 84, 879-887. | 1.7 | 6 |
| 44 | Warm-white, reddish-orange and orange light generation from lithium-aluminum-zinc phosphate glass tri-doped with Sm3+, Tb3+and Eu3+. Journal of Luminescence, 2022, 247, 118880. | 1.5 | 6 |
| 45 | Effect of radiative energy transfer and direct excitation on the up-conversion and down-shifting emission properties of Er3+-doped Zn3(VO4)2. Journal of Luminescence, 2021, 238, 118239. | 1.5 | 4 |
| 46 | Phosphors emitting light yellow (laser) and light white through sodium-magnesium-borotellurite glasses activated with Dy3+. Optical Materials, 2022, 123, 111930. | 1.7 | 3 |
| 47 | Multicolor emission in Agmn+ clusters and Eu3+ activated ZnOâ€“P2O5 glasses achieved under near ultraviolet light excitation. Optical Materials, 2022, 123, 111833. | 1.7 | 2 |
| 48 | Comment on Li+ co-doping effect on the photoluminescence time decay behavior of Y2O3:Er3+ films (J.) Tj ETQq0 0 0 rgBT /Overlock 10 | 1.5 | 0 |
| 49 | Glass formation area of the CdO-CuCl2-V2O5 ternary system: optical properties as a function of CuCl2 content. Journal of Non-Crystalline Solids, 2021, 566, 120896. | 1.5 | 0 |