

# Laura N Serkovic Loli

## List of Publications by Year in descending order

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23  
papers

352  
citations

759233

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794594

19  
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all docs

23  
docs citations

23  
times ranked

507  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Structural Investigation of the (010) Surface of the $Al_{13}Fe_4$ Complex Metallic Alloy. Physical Review Letters, 2013, 110, 076102.   | 7.8 | 39        |
| 2  | Structure and dynamics of $C_{60}$ molecules on Au(111). Physical Review B, 2014, 89, .  | 3.2 | 39        |
| 3  | Growth of $Ni_2-Bis(1-ethylpropyl)perylene-3,4,9,10-tetracarboxdiimide$ Films on Ag (111). Journal of Physical Chemistry C, 2009, 113, 17866-17875.  | 3.1 | 29        |
| 4  | Elucidating the dynamical equilibrium of $C_{60}$ molecules on Ag(111). Physical Review B, 2012, 86, .   | 3.2 | 29        |
| 5  | Self-consistency of electron-THF cross sections using electron swarm techniques. Journal of Chemical Physics, 2017, 147, 195103.   | 3.0 | 24        |
| 6  | Stopping power of fluorides for low-velocity protons. Physical Review A, 2007, 76, .   | 2.5 | 22        |
| 7  | Stopping power of fluorides and semiconductor organic films for low-velocity protons. Physical Review A, 2010, 81, .   | 2.5 | 20        |
| 8  | Structural Investigation of the (001) Surface of the $Al_9Co_2$ Complex Metallic Alloy. Journal of Physical Chemistry C, 2011, 115, 14922-14932.   | 3.1 | 20        |
| 9  | Photon-Assisted Shot Noise in Graphene in the Terahertz Range. Physical Review Letters, 2016, 116, 227401.   | 7.8 | 20        |
| 10 | Structure of the monoclinic $Al_{13}Fe_4(010)$ complex metallic alloy surface determined by low-energy electron diffraction. Physical Review B, 2015, 92, .  | 3.2 | 17        |
| 11 | Structure of the $Al_{13}Co_4(100)$ surface: Combination of surface x-ray diffraction and ab initio calculations. Physical Review B, 2016, 94, .   | 3.2 | 14        |
| 12 | Ordering and dynamical properties of superbright $C_{60}$ molecules on Ag(111). Physical Review B, 2014, 89, .   | 3.2 | 13        |
| 13 | Assessment of the self-consistency of electron-THF cross sections using electron swarm techniques: Mixtures of THF-Ar and THF-N <sub>2</sub> . Journal of Chemical Physics, 2019, 151, .                     | 3.0 | 11        |
| 14 | Dynamic Structure Mediated by Graphitelike Al Nets on the $Al_2Cu(001)$ Surface. Physical Review Letters, 2012, 108, 146101.   | 7.8 | 10        |
| 15 | Assembly and thermal stability of thin EP-PTCDI films on Ag(111). Physical Chemistry Chemical Physics, 2009, 11, 3849.   | 2.8 | 9         |
| 16 | Oxygen adsorption on the $Al_9Co_2(001)$ surface: first-principles and STM study. Journal of Physics Condensed Matter, 2013, 25, 355003.   | 1.8 | 7         |
| 17 | Adsorption of O <sub>2</sub> and C <sub>2</sub> H <sub>n</sub> (n = 2, 4, 6) on the $Al_9Co_2(001)$ and $o-Al_{13}Co_4(100)$ complex metallic alloy surfaces. Applied Surface Science, 2015, 357, 1666-1675. | 6.1 | 7         |
| 18 | Growth and structure of ultrathin alumina films on the $Al_4Cu_9$ surface of $Al_4Cu_9$ complex metallic alloy. Journal of Physics Condensed Matter, 2014, 26, 485009.                                       | 1.8 | 6         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Photolithographically-patterned C-MEMS graphene by carbon diffusion through nickel. Nanotechnology, 2021, 32, 265302.  | 2.6 | 6         |
| 20 | Collisional induced double electron loss of $\text{NO}^{\text{+}}$ and $\text{CH}^{\text{+}}$ anions below 10 keV energies. International Journal of Mass Spectrometry, 2016, 403, 39-42.                                      | 1.5 | 4         |
| 21 | Electron detachment of $\text{NO}^{\text{+}}$ in collisions with $\text{O}_2$ and $\text{N}_2$ below 10 keV. International Journal of Mass Spectrometry, 2015, 392, 23-27.   | 1.5 | 3         |
| 22 | On the universal scaling in the electronic stopping cross section for heavy ion projectiles. Radiation Effects and Defects in Solids, 2016, 171, 146-153.  | 1.2 | 3         |
| 23 | Electron swarm coefficients and critical field strength of the gaseous ternary mixtures $\text{CF}_3\text{-SF}_6\text{-N}_2$ and $\text{CF}_3\text{-SF}_6\text{-CO}_2$ . Journal Physics D: Applied Physics, 2020, 53, 185203. | 2.8 | 0         |