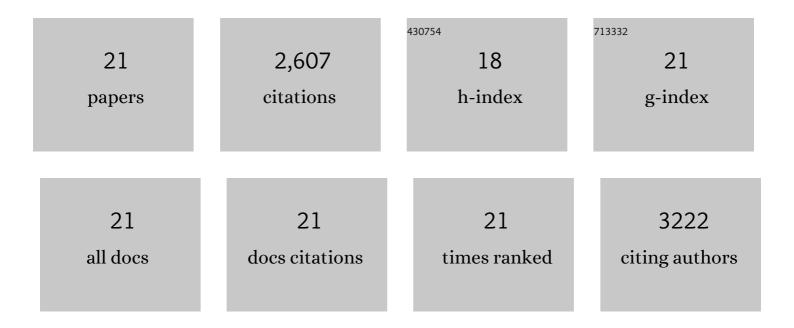
Felicia R Lucci

List of Publications by Year in descending order

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FELICIA R LUCCI

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Selective hydrogenation of 1,3-butadiene on platinum–copper alloys at the single-atom limit. Nature Communications, 2015, 6, 8550. | 5.8 | 484 |
| 2 | Pt/Cu single-atom alloys as coke-resistant catalysts for efficient C–H activation. Nature Chemistry, 2018, 10, 325-332. | 6.6 | 472 |
| 3 | Tackling CO Poisoning with Single-Atom Alloy Catalysts. Journal of the American Chemical Society, 2016, 138, 6396-6399. | 6.6 | 374 |
| 4 | An atomic-scale view of single-site Pt catalysis for low-temperature CO oxidation. Nature Catalysis, 2018, 1, 192-198. | 16.1 | 292 |
| 5 | Controlling Hydrogen Activation, Spillover, and Desorption with Pd–Au Single-Atom Alloys. Journal of Physical Chemistry Letters, 2016, 7, 480-485. | 2.1 | 169 |
| 6 | Selective Formic Acid Dehydrogenation on Pt-Cu Single-Atom Alloys. ACS Catalysis, 2017, 7, 413-420. | 5.5 | 143 |
| 7 | H ₂ Activation and Spillover on Catalytically Relevant Pt–Cu Single Atom Alloys. Journal of Physical Chemistry C, 2015, 119, 24351-24357. | 1.5 | 135 |
| 8 | Atomic Scale Surface Structure of Pt/Cu(111) Surface Alloys. Journal of Physical Chemistry C, 2014, 118, 3015-3022. | 1.5 | 102 |
| 9 | Palladium–gold single atom alloy catalysts for liquid phase selective hydrogenation of 1-hexyne. Catalysis Science and Technology, 2017, 7, 4276-4284. | 2.1 | 100 |
| 10 | Water co-catalyzed selective dehydrogenation of methanol to formaldehyde and hydrogen. Surface Science, 2016, 650, 121-129. | 0.8 | 75 |
| 11 | Structurally Accurate Model for the "29―Structure of Cu _{<i>x</i>} O/Cu(111): A DFT and STM Study. Journal of Physical Chemistry C, 2016, 120, 10879-10886. | 1.5 | 45 |
| 12 | Microscopic View of the Active Sites for Selective Dehydrogenation of Formic Acid on Cu(111). ACS Catalysis, 2015, 5, 7371-7378. | 5.5 | 42 |
| 13 | Surface Structure Dependence of the Dry Dehydrogenation of Alcohols on Cu(111) and Cu(110). Journal of Physical Chemistry C, 2017, 121, 12800-12806. | 1.5 | 34 |
| 14 | Enhancement of low-energy electron emission in 2D radioactive films. Nature Materials, 2015, 14, 904-907. | 13.3 | 30 |
| 15 | CO Adsorption on the "29―Cu _{<i>x</i>} O/Cu(111) Surface: An Integrated DFT, STM, and TPD Study. Journal of Physical Chemistry C, 2016, 120, 25387-25394. | 1.5 | 24 |
| 16 | The effect of single pd atoms on the energetics of recombinative O2 desorption from Au(111). Surface Science, 2018, 677, 296-300. | 0.8 | 20 |
| 17 | Enantiospecific Kinetics in Surface Adsorption: Propylene Oxide on Pt(111) Surfaces. Journal of Physical Chemistry C, 2013, 117, 18588-18594. | 1.5 | 19 |
| 18 | Carbon Monoxide Mediated Hydrogen Release from PtCu Single-Atom Alloys: The Punctured Molecular Cork Effect. Journal of Physical Chemistry C, 2019, 123, 10419-10428. | 1.5 | 19 |

FELICIA R LUCCI

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Water activation by single Pt atoms supported on a Cu2O thin film. Journal of Catalysis, 2018, 364, 166-173. | 3.1 | 18 |
| 20 | Atomic-Scale Picture of the Composition, Decay, and Oxidation of Two-Dimensional Radioactive Films. ACS Nano, 2016, 10, 2152-2158. | 7.3 | 5 |
| 21 | Templated Growth of a Homochiral Thin Film Oxide. ACS Nano, 2020, 14, 4682-4688. | 7.3 | 5 |