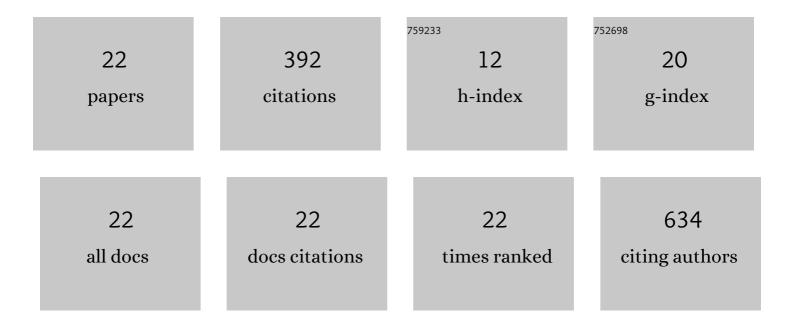
Francesca Risplendi

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Stability and Bandgap Engineering of In1â^'xGaxSe Monolayer. Nanomaterials, 2022, 12, 515. | 4.1 | 0 |
| 2 | First-Principles Calculations of Exciton Radiative Lifetimes in Monolayer Graphitic Carbon Nitride Nanosheets: Implications for Photocatalysis. ACS Applied Nano Materials, 2021, 4, 1985-1993. | 5.0 | 20 |
| 3 | Facilely synthesized nitrogen-doped reduced graphene oxide functionalized with copper ions as electrocatalyst for oxygen reduction. Npj 2D Materials and Applications, 2021, 5, . | 7.9 | 22 |
| 4 | Point Defects in Two-Dimensional Indium Selenide as Tunable Single-Photon Sources. Journal of Physical Chemistry Letters, 2021, 12, 10947-10952. | 4.6 | 3 |
| 5 | Fundamental Insights on Hydration Environment of Boric Acid and Its Role in Separation from Saline Water. Journal of Physical Chemistry C, 2020, 124, 1438-1445. | 3.1 | 35 |
| 6 | Microwaveâ€Assisted Synthesis of Copperâ€Based Electrocatalysts for Converting Carbon Dioxide to Tunable Syngas. ChemElectroChem, 2020, 7, 229-238. | 3.4 | 22 |
| 7 | Substitutional impurities in monolayer hexagonal boron nitride as single-photon emitters. Nanomaterials and Nanotechnology, 2020, 10, 184798042094934. | 3.0 | 1 |
| 8 | Unravelling electrocatalytic properties of metal porphyrin-like complexes hosted in graphene matrices. 2D Materials, 2020, 7, 025017. | 4.4 | 7 |
| 9 | Proving the existence of Mn porphyrin-like complexes hosted in reduced graphene oxide with outstanding performance as oxygen reduction reaction catalysts. 2D Materials, 2019, 6, 045001. | 4.4 | 19 |
| 10 | Nanoparticle Reshaping and Ion Migration in Nanocomposite Ultrafast Ionic Actuators: The Converse Piezo–Electro–Kinetic Effect. Advanced Functional Materials, 2019, 29, 1902941. | 14.9 | 2 |
| 11 | Unravelling Some of the Structure–Property Relationships in Graphene Oxide at Low Degree of Oxidation. Journal of Physical Chemistry Letters, 2018, 9, 1746-1749. | 4.6 | 26 |
| 12 | Doped ordered mesoporous carbons as novel, selective electrocatalysts for the reduction of nitrobenzene to aniline. Journal of Materials Chemistry A, 2018, 6, 13397-13411. | 10.3 | 31 |
| 13 | Nanostructured Bulk-Heterojunction Solar Cells Based on Amorphous Carbon. ACS Energy Letters, 2017, 2, 882-888. | 17.4 | 3 |
| 14 | Multiple resistive switching in core–shell ZnO nanowires exhibiting tunable surface states. Journal of Materials Chemistry C, 2017, 5, 10517-10523. | 5.5 | 40 |
| 15 | A New Theoretical Insight Into ZnO NWs Memristive Behavior. Nano Letters, 2016, 16, 2543-2547. | 9.1 | 43 |
| 16 | Co-Adsorbent Effect on the Sensitization of TiO ₂ and ZnO Surfaces: A Theoretical Study. Journal of Physical Chemistry C, 2015, 119, 27348-27353. | 3.1 | 11 |
| 17 | Structure-property relations in amorphous carbon for photovoltaics. Applied Physics Letters, 2014, 105, 043903. | 3.3 | 14 |
| 18 | Functionalization layer effect on the mechanical properties of silicon based micro-cantilever mass sensors: A theoretical study. Sensors and Actuators B: Chemical, 2014, 195, 177-180. | 7.8 | 7 |

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Comparison of Hemi-Squaraine Sensitized TiO ₂ and ZnO Photoanodes for DSSC Applications. Journal of Physical Chemistry C, 2013, 117, 22778-22783. | 3.1 | 30 |
| 20 | A quantum-mechanical study of the adsorption of prototype dye molecules on rutile-TiO ₂ (110): a comparison between catechol and isonicotinic acid. Physical Chemistry Chemical Physics, 2013, 15, 235-243. | 2.8 | 21 |
| 21 | Si(111) surface functionalized with H-bonded SAM: A theoretical study. Applied Surface Science, 2013, 267, 17-20. | 6.1 | 4 |
| 22 | Combined experimental and theoretical investigation of the hemi-squaraine/TiO2 interface for dye sensitized solar cells. Physical Chemistry Chemical Physics, 2013, 15, 7198. | 2.8 | 31 |