

# John S Colton

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8358251/publications.pdf>

Version: 2024-02-01

11  
papers

92  
citations

1478505

6  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

96  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Machine Learning to Predict Quasi TE <sub>â,â,â</sub> -Mode Resonances in Double-Stacked Dielectric Cavities. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2135-2146.    | 4.6  | 2         |
| 2  | Low Exciton Binding Energies and Localized Excitonâ€Polaron States in 2D Tin Halide Perovskites. Advanced Optical Materials, 2022, 10, .  | 7.3  | 18        |
| 3  | Franz-Keldysh and Stark Effects in Two-Dimensional Metal Halide Perovskites. , 2022, 1, .   |      | 9         |
| 4  | Use of Machine Learning with Temporal Photoluminescence Signals from CdTe Quantum Dots for Temperature Measurement in Microfluidic Devices. ACS Applied Nano Materials, 2020, 3, 4045-4053. | 5.0  | 24        |
| 5  | Lead sulfide quantum dots inside ferritin: synthesis and application to photovoltaics. Applied Nanoscience (Switzerland), 2018, 8, 1687-1699.   | 3.1  | 4         |
| 6  | Tuning Ferritinâ€™s band gap through mixed metal oxide nanoparticle formation. Nanotechnology, 2017, 28, 195604.  | 2.6  | 3         |
| 7  | Resonance of Complex Cylindrically Symmetric Cavities Using an Eigenfunction Expansion in Empty Cavity Modes. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 3113-3120.    | 4.6  | 6         |
| 8  | The physics of musical scales: Theory and experiment. American Journal of Physics, 2015, 83, 835-842.   | 0.7  | 10        |
| 9  | Annealing-induced change in quantum dot chain formation mechanism. AIP Advances, 2014, 4, 127142.   | 1.3  | 2         |
| 10 | Tuning the band gap of ferritin nanoparticles by co-depositing iron with halides or oxo-anions. Journal of Materials Chemistry A, 2014, 2, 20782-20788.                                     | 10.3 | 8         |
| 11 | Characterization of nickel nanostrand nanocomposites through dielectric spectroscopy and nanoindentation. Polymer Engineering and Science, 2013, 53, 2666-2673.                             | 3.1  | 6         |