

Irrelevant Citations on 10.1038/s41598-025-24455-0

Irrelevant citations are observed on the article [1]. Fourteen references were cited with a single statement on this article [1], however, most, if not all, of those fourteen references were irrelevant to the citing statement.

| Title: Red single wavelength emitting up-conversion nanoparticles modulate cellular dynamics and gene expression in T24 bladder cancer cells DOI: 10.1038/s41598-025-24455-0 | | | | |
|---|---|---|--|------------|
| # | Citing_Statement | Cited_Title | Authors | Remark |
| 13 | This property makes them particularly valuable for biological studies, as it allows imaging with deeper tissue penetration and minimal background interference ¹² , making UCIPs suitable for biomedical applications ^{13,14,15,16,17,18,19,20,21,22,23,24,25,26} . | Highly efficient multicolour upconversion emission in transparent colloids of lanthanide-doped NaYF ₄ nanocrystals | S. Heer K. Kömpe H.-U. Güdel M. Haase | |
| 14 | | Bright white light through up-conversion of a single NIR source from sol-gel-derived thin film made with Ln ³⁺ -doped LaF ₃ nanoparticles | Sri Sivakumar Frank C. J. M van Veggel Mati Raudsepp | Irrelevant |
| 15 | | Enhancing the performance of silicon solar cells via the application of passive luminescence conversion layers | B.S. Richards | Irrelevant |
| 16 | | Near-IR photoreponse in new up-converting CdSe/NaYF ₄ :Yb, Er nanoheterostructures | Chenglin Yan Afshin Dadvand Federico Rosei Dmitri F. Perepichka | Irrelevant |
| 17 | | Photon-upconverting nanoparticles for optical encoding and multiplexing of cells, biomolecules, and microspheres | Hans H. Gorris Otto S. Wolfbeis | |
| 18 | | Combinatorial discovery of lanthanide-doped nanocrystals with spectrally pure upconverted emission | Emory M. Chan Gang Han Joshua D. Goldberg Daniel J. Gargas Alexis D. Ostrowski P. James Schuck Bruce E. Cohen Delia J. Milliron | Irrelevant |
| 19 | | Tunable lifetime multiplexing using luminescent nanocrystals | Yiqing Lu Jiangbo Zhao Run Zhang Yujia Liu Deming Liu Ewa M. Goldys usan Yang Peng Xi Anwar Sunna Jie Lu Yu Shi Robert C. Leif Yujing Huo Jian Shen James A. Piper J. Paul Robinson Dayong Jin | Irrelevant |
| 20 | | NIR-responsive photocatalytic activity and mechanism of NaYF ₄ :Yb,Tm@TiO ₂ core-shell nanoparticles | Yanna Tang Weihua Di Xuesong Zhai Renyuan Yang Weiping Qin | Irrelevant |
| 21 | | Engineering bright sub-10-nm upconverting nanocrystals for single-molecule imaging | Daniel J. Gargas Emory M. Chan Alexis D. Ostrowski Shaul Aloni M. Virginia P. Altos Edward S. Barnard Babak Sanii Jeffrey J. Urban Delia J. Milliron Bruce E. Cohen P. James Schuck | |
| 22 | | Mechanism studies on the superior optical limiting observed in graphene oxide covalently functionalized with upconversion NaYF ₄ :Yb ³⁺ /Er ³⁺ nanoparticles | Tingchao He Wei Wei Lin Ma Rui Chen Shixin Wu Hua Zhang Yanhui Yang Jan Ma Ling Huang Gagik G. Gurzadyan Handong Sun | Irrelevant |
| 23 | | In vivo photodynamic therapy using upconversion nanoparticles as remote-controlled nanotransducers | Niagara Muhammad Idris Muthu Kumara Gnanasamandhan Jing Zhang Paul C Ho Ratha Mahendran Yong Zhang | |
| 24 | | Inside back cover: near-infrared-light-mediated imaging of latent fingerprints based on molecular recognition | Jie Wang Ting Wei Xinyang Li Binhao Zhang Jiaxi Wang Chi Huang Quan Yuan | |
| 25 | | Temporal full-colour tuning through non-steady-state upconversion | Renren Deng Fei Qin Runfeng Chen Wei Huang Minghui Hong Xiaogang Liu | Irrelevant |
| 26 | | Photon upconversion nanomaterials | Xiaogang Liu Chun-Hua Yan John A. Capobianco | Irrelevant |

The 5GH Team wants to address that although large number irrelevant references were grouped in that single statement, there are no patterns from those references, no direct evidences suggesting misbehaviours from the authors or others who got involved in the publication of the article [1].

[1] 10.1038/s41598-025-24455-0

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