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Plasmon-enhanced upconversion photoluminescence: Mechanism and application

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#	Paper	IF	Citations
85	Design of mid infrared high sensitive metal-insulator-metal plasmonic sensor. <i>Chinese Journal of Physics</i> , 2019 , 61, 86-97	3.5	15
84	Investigation on Fano resonance and energy transfer of Hyper RingLoop nanostructure. <i>Optics Communications</i> , 2019 , 452, 434-439	2	3
83	Enhanced upconversion luminescence in Cu _{1.8} S@NaYF ₄ : Yb@ NaYF ₄ : Yb, Er core-shell nanoparticles. <i>Ceramics International</i> , 2019 , 45, 21557-21563	5.1	6
82	The study of oxygen-deficient centers in Al-doped amorphous germanium oxides. <i>Journal of Non-Crystalline Solids</i> , 2019 , 525, 119694	3.9	3
81	Upconversion optical nanomaterials applied for photocatalysis and photovoltaics: Recent advances and perspectives. <i>Frontiers of Materials Science</i> , 2019 , 13, 335-341	2.5	24
80	Geometric and Optical Properties of Cluster Model of Yb-doped Silica Optical Fiber. <i>Journal of Cluster Science</i> , 2019 , 30, 1205-1210	3	3
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78	Optical tuning in lanthanide-based nanostructures. <i>Journal Physics D: Applied Physics</i> , 2020 , 53, 053002	3	4
77	Plasmon-enhanced photoluminescence from SnO ₂ nanostructures decorated with Au nanoparticles. <i>Applied Surface Science</i> , 2020 , 504, 144381	6.7	17
76	Circular dichroism induced by tunable symmetry breaking in vertical Q-shaped nanostructure. <i>Optics Communications</i> , 2020 , 461, 125241	2	2
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73	Phonon-assisted exciton/trion conversion efficiency in transition metal dichalcogenides. <i>Physical Review B</i> , 2020 , 102,	3.3	1
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70	Geometric and optical properties of Bi/Er co-doped silica optical fiber. <i>Optical Materials</i> , 2020 , 107, 110039	3.9	2
69	A Short Review on Rare Earth Doped NaYF ₄ Upconverted Nanomaterials for Solar Cell Applications. <i>Materials Today: Proceedings</i> , 2020 , 21, 1868-1874	1.4	10

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63	Manipulating Energy Transfer in UCNPs@SiO ₂ @Ag Nanoparticles for Efficient Infrared Photocatalysis. <i>Inorganic Chemistry</i> , 2021 , 60, 5704-5710	5.1	7
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