

Joakim Vester-Petersen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7286443/publications.pdf>

Version: 2024-02-01

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papers

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1477746

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9
docs citations

9
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	A non-linear material interpolation for design of metallic nano-particles using topology optimization. Computer Methods in Applied Mechanics and Engineering, 2019, 343, 23-39.	3.4	42
2	Plasmonically enhanced upconversion of 1500nm light via trivalent Er in a TiO2 matrix. Applied Physics Letters, 2016, 109, .	1.5	19
3	Strongly enhanced upconversion in trivalent erbium ions by tailored gold nanostructures: Toward high-efficient silicon-based photovoltaics. Solar Energy Materials and Solar Cells, 2020, 208, 110406.	3.0	14
4	Topology optimized gold nanostrips for enhanced near-infrared photon upconversion. Applied Physics Letters, 2017, 111, .	1.5	13
5	Dose regularization via filtering and projection: An open-source code for optimization-based proximity-effect-correction for nanoscale lithography. Microelectronic Engineering, 2018, 199, 52-57.	1.1	10
6	Near-field marking of gold nanostars by ultrashort pulsed laser irradiation: experiment and simulations. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	6
7	Field-enhancing photonic devices utilizing waveguide coupling and plasmonics - a selection rule for optimization-based design. Optics Express, 2018, 26, A788.	1.7	4
8	Improving Upconversion Efficiency by Photon Management in Self-Assembled Core/Shell Nanocrystal Films. Journal of Physical Chemistry C, 2020, 124, 22357-22365.	1.5	4