

Isabell Thomann

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,426
citations

567281

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940533

16
g-index

23
all docs

23
docs citations

23
times ranked

2840
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmon Enhanced Solar-to-Fuel Energy Conversion. Nano Letters, 2011, 11, 3440-3446.	9.1	456
2	Direct Plasmon-Driven Photoelectrocatalysis. Nano Letters, 2015, 15, 6155-6161.	9.1	230
3	Broadband Absorption Engineering to Enhance Light Absorption in Monolayer MoS ₂ . ACS Photonics, 2016, 3, 853-862.	6.6	119
4	Self-Assembly Based Plasmonic Arrays Tuned by Atomic Layer Deposition for Extreme Visible Light Absorption. Nano Letters, 2013, 13, 3352-3357.	9.1	118
5	Direct Measurement of the Angular Dependence of the Single-Photon Ionization of Aligned N ₂ and CO ₂ . Journal of Physical Chemistry A, 2008, 112, 9382-9386.	2.5	88
6	Light Trapping for Solar Fuel Generation with Mie Resonances. Nano Letters, 2014, 14, 1446-1452.	9.1	75
7	Photoinduced Force Mapping of Plasmonic Nanostructures. Nano Letters, 2016, 16, 7942-7949.	9.1	61
8	Ultrathin AAO Membrane as a Generic Template for Sub-100 nm Nanostructure Fabrication. Chemistry of Materials, 2016, 28, 4546-4553.	6.7	52
9	Precision stabilization of femtosecond lasers to high-finesse optical cavities. Physical Review A, 2004, 69, .	2.5	42
10	Generation of sub-optical-cycle, carrier-envelope-phase-insensitive, extreme-uv pulses via nonlinear stabilization in a waveguide. Physical Review A, 2006, 74, .	2.5	36
11	Broadband phase-coherent optical frequency synthesis with actively linked Ti:sapphire and Cr:forsterite femtosecond lasers. Optics Letters, 2004, 29, 403.	3.3	33
12	Long-term carrier-envelope phase stability from a grating-based, chirped pulse amplifier. Optics Letters, 2006, 31, 1866.	3.3	32
13	Investigation of a grating-based stretcher/compressor for carrier-envelope phase stabilized fs pulses. Optics Express, 2004, 12, 3493.	3.4	28
14	Polarization-Dependent Scanning Photoionization Microscopy: Ultrafast Plasmon-Mediated Electron Ejection Dynamics in Single Au Nanorods. ACS Nano, 2011, 5, 3724-3735.	14.6	28
15	Chromium-doped forsterite: dispersion measurement with white-light interferometry. Applied Optics, 2003, 42, 1661.	2.1	20
16	Temporal characterization of attosecond wave forms in the sub-optical-cycle regime. Physical Review A, 2008, 78, .	2.5	8
17	Sub-femtosecond EUV pulses via energy selective nonlinear stabilization in a waveguide. , 2006, , .		0
18	Long Term Carrier-Envelope Phase Coherence in a Grating-based Chirped Pulse Amplifier System. , 2005, , .		0

#	ARTICLE	IF	CITATIONS
19	Isolated, CEP-insensitive, EUV Pulses via Gated Phasematching mechanism in a Waveguide. , 2006, , .		0
20	Isolated EUV Pulses via CEP-insensitive Nonlinear Stabilization in a Waveguide. , 2006, , .		0
21	Isolated EUV Pulses via CEP-insensitive Nonlinear Stabilization in a Waveguide. Springer Series in Chemical Physics, 2007, , 39-41.	0.2	0
22	Characterizing isolated attosecond pulses from a hollow-core waveguide using multi-cycle driving pulses. , 2009, , .		0
23	(Invited) Photo-Induced Force Mapping of Plasmonic Nanostructures. ECS Meeting Abstracts, 2017, , .	0.0	0