

Professional experience

10/17 –	Chair in Hybrid Nanosystems, Ludwig-Maximilians-Universität München
01/16 –	Lee-Lucas Chair in Experimental Physics, Imperial College London
07/16 – 07/18	Head of Experimental Solid State Physics, Imperial College London
09/14 – 12/17	Director of Postgraduate Studies, Imperial College London
10/08 – 12/15	Professor (Chair) of Nanophotonics, Imperial College London
10/13 – 02/14	Visiting Professor, Universidad de Buenos Aires
06/09 –	Visiting Professor, IMRE A*Star, Singapore
11/07 – 09/08	Reader in Physics, Department of Physics, Imperial College London
06/04 – 10/07	Lecturer/Reader, Department of Physics, University of Bath

Education

03/03 – 05/04	Postdoctoral Scholar, Department of Applied Physics, Caltech Sponsor: Oskar Painter
06/03	PhD in Applied Physics, Caltech
06/00	MSc in Applied Physics, Caltech
09/99 – 02/03	Graduate Research Assistant, Department of Applied Physics, Caltech Sponsor: Harry A. Atwater
06/98	Vordiplom in Physics, Technische Universität München
09/96 – 06/99	Physics undergraduate study, Technische Universität München
07/95	Abitur, Klettgau-Gymnasium Tiengen, Baden-Württemberg

Honours and awards

10/11	Royal Society Wolfson Research Merit Award
06/11	Fellow of the Optical Society of America
06/10	Paterson Medal of the Institute of Physics
06/10	Fellow of the Institute of Physics
05/10	Sackler Prize in the Physical Sciences (Tel Aviv University)

Scientific publications, invited conference talks and metrics

- » ISI Highly Cited Researcher (2018)
- » 319 archival publications (24 *Nature* series journals, four *Science* series journals, 40 *Nano Letters*, 28 *ACS Nano*, one *Physical Review X*, nine *Physical Review Letters*, 19 *Advanced Materials* series)
- » ~210 invited/keynote/plenary talks at international conferences
- » google scholar metrics: h-index 83 > 43'800 citations, 70 publications with > 100 citations
- » web of science metrics: h-index 71, > 25'200 citations, 54 publications with > 100 citations

Development of junior scientific staff

- » 17 alumni of the group went directly on to faculty positions, at École Polytechnique Montréal, Universidad Autónoma de Madrid, Imperial College London, Hong Kong Poly, Soochow University, IPTH Jena, University of KwaZulu-Natal, CNRS Grenoble, King's College London, University of Oman, University of Birmingham, (2x) LMU Munich, Universidad de Santander, Shenzhen University, the University of Lisbon, and the University of Buenos Aires
- » seven postdocs obtained Marie-Sklódowska-Curie fellowships, three junior research fellowships, and one a Royal Society Research Fellowship
- » hosting two LMU Research Fellows and one Humboldt Postdoctoral Fellow

Stefan Maier, PhD

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Research sponsors cumulative

- » Deutsche Forschungsgemeinschaft: €1842k (PI)
- » State of Bavaria: €225k (PI)
- » Engineering and Physical Sciences Research Council: £7'130k (PI), £8'970k (co-I)
- » Leverhulme Trust: £5'898k (PI), £252 (co-I)
- » Office of Naval Research: £845k (PI), £148k (co-I)
- » US Air Force Office of Scientific Research: £625k (PI)
- » European Commission: £500k (co-I)
- » European Science Foundation: £470k (PI)
- » dstl: £220k (PI)
- » Royal Society: £196k (PI)
- » European Space Agency: £70k (co-I)
- » NG Next: £93k (PI)
- » Total: £15'477k (PI), €2067k (PI), £9'940k (co-I)

Departmental and administrative responsibilities

- » Head of Experimental Solid State Physics Group (2016–2018, Imperial College London)
line management duties for 16 academics, ~100 people total
- » Director of Postgraduate Studies (2014–2017, Imperial College London)
management of PhD and Masters programmes, ~490 postgraduate students total
- » Member of Departmental Strategy Board (2015–2016, Imperial College London)

Research group in hybrid nanosystems

- » nanoplasmonics and nanophotonics: fundamentals of light/matter interactions on the nanoscale, nonlinear and ultrafast phenomena of hybrid nanomaterials, hot-electron science and technology, plasmon/phonon interactions, nanoscale chemistry, nanophotonic materials from the visible to the terahertz; energy conversion
- » electromagnetic metamaterials: focus on mid-IR phononic cavities and metamaterials for light harvesting and sensing
- » nanophotonics of two-dimensional materials: graphene and graphene-like materials
- » quantum plasmonics: fundamentals of single surface plasmons
- » applied nanophotonics: focus on biosensing, photovoltaics, defence applications, bioimaging

Notable external positions and synergistic activities

- » Associate editor, *ACS Photonics*, Editor, *Optics Communications* (2009–2011)
- » Editorial advisory board member, *Advanced Optical Materials*, *Nanoscale Horizons*
- » Organizer, Faraday Discussion on Hot Electrons 2019 (London)
- » Meeting chair, MRS Spring Meeting 2017 (Phoenix)
- » Organizer, Faraday Discussion on Plasmonics 2015 (London)
- » Optical Society of America CLEO/EQEC steering committee member (2014–2017)
- » Optical Society of America International Council member (2010–2012)
- » Executive Committee Member of the European Materials Research Society (2010–2014)
- » Chair of ESF network Plasmon-Bionanosense (2010–2015)
- » Meeting chair, E-MRS Spring Meeting 2012 (Strasbourg)
- » Organizer of DPG Summerschool 2011
- » News and Views writer, *Spektrum der Wissenschaft* (25 articles 2005–2011)

Stefan Maier, PhD

Published and edited book volumes

- » Plasmonics: Fundamentals and Applications (Springer 2007, > 8200 citations google scholar)
- » Active Plasmonics and Tunable Metamaterials (Ed, Maier and Zayats, Wiley 2013)
- » Handbook of Metamaterials (Ed, World Scientific 2017)

External research funding

Deutsche Forschungsgemeinschaft

- » Cluster of Excellence energy-conversion (€38.5m total, 2019–2025, PI share €1190k)

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- » Major equipment: thermal evaporator and sputterer 50% co-finance (PI, 2018, €103.5k)
- » Major equipment: 3D direct laser writer 50% co-finance (PI, 2018, €226k)
- » Major equipment: PECVD and ICPRIE 50% co-finance (PI, 2018, €322.5k)

State of Bavaria

- » Solar technologies go hybrid (PI, 2018–2021, share €225k)

Engineering and Physical Sciences Research Council

- » Nanoscale sculpturing of single photons with dielectrics (PI, 2017–2020, £410k)
- » Reactive Plasmonics: Optical control of electronic processes at interfaces for nanoscale physics, chemistry, and metrology (PI, 2015–2021, £2400k)
- » High temperature, high efficiency PV thermal solar system (co-I, 2015–2018, £1100k)
- » Optical fabrication and imaging facility for three-dimensional sub-micron designer materials for bioengineering and photonics (PI, 2015–2017, £800k)
- » Teracell: Integrated microwave-to-terahertz sensors for label-free circulating tumour cell detection (co-I, 2014–2017, £1300k)
- » Mathematical fundamentals of metamaterials for multiscale physics and mechanics (co-I, 2014–2019, £2500k)
- » Integrated graphene-based sensor devices via scalable microfabrication process developed based on graphene-metal multilayer deposition (co-I, 2013–2015, £1370k)
- » Active Plasmonics: Electronic and all-optical control of photonic signals on sub-wavelength scales (PI, 2010–2015, £2600k)
- » Nano-structured materials from nanoparticle- and block copolymer assemblies for nano-photonics and optoelectronics (PI, 2010–2014, £530k)
- » Silicon emission technologies based on nanocrystals (PI, 2010–2014, £370k)
- » Interfacing carbon nanotubes with nanoantennas for simultaneous multifunctional spectroscopy and electrical nanocharacterization (PI, 2009–2013, £200k)
- » Active plasmonics and perfect lenses with quantum metamaterials (co-I, 2009–2014, £1200k)
- » Unravelling energy transport in plasmon waveguides using dual-probe near-field optical microscopy: A feasibility study (PI, 2009–2010, £100k)
- » Aerogels in fibre optics (co-I, 2008–2012, £500k)
- » Nanophotonics: From fundamentals to real life applications (co-I, 2007 – 2009, £170k)
- » Photonic crystal fibres: Novel science and new applications (co-I, 2005–2007, £830k)
- » Plasmonics and Near-Field Optics: Towards the limits of electromagnetic energy confinement (PI, 2005–2007, £120k)

Leverhulme Trust

- » Topologically protected flexural waves in thin elastic plates (PI, 2017–2020, £271)
- » Quantum plasmonics (co-I, 2017–2020, £252k)
- » Dielectric nanoantennas: Exploration of a new, low-loss nanophotonics platform (PI, 2014–2017, £197k)
- » Metamaterials and the control of electromagnetic fields (PI, 2010–2016, £4900k)
- » Nanoparticle-assisted super-resolution microscopy for live cell imaging (PI, 2014–2016, £120k)
- » Better than silver: a low-loss metal for 21st century photonics and computing (PI, 2009–2012, £140k)

Office of Naval Research

- » Mid-infrared nanophotonic metamaterials — moving towards applications (co-I, 2016–2017, £76k)
- » Development of an ultra-low-loss platform for molecular sensing based on dielectric nano-antennas (PI, 2016–2019, £500k)
- » Localised phonon polariton resonances as highly efficient IR plasmon graphene launchers (co-I, 2015–2016, £72k)
- » Beyond nanophotonics platform: Hybrid semiconductor/metallic nanoantennas for low-loss molecular sensing and light harvesting for photovoltaics (PI, 2014–2015, £75k)
- » Multispectral nanophotonic sensing cavities (PI, 2011–2014, £270k)

US Air Force Office of Scientific Research

- » Plasmon-enabled nanoscale sources of hot carriers and phonons (PI, 2017–2019, £115k)
- » Quantum Plasmonics: Quantum information at the nanoscale (PI, 2012–2016, £240k)
- » Plasmonics for stimulated emission depletion microscopy (PI, 2007–2008, £80k)

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- » Spoof surface-plasmon-polaritons for THz sensing (PI, 2005–2008, £190k)

dstl

- » Hybrid nanocavities for molecular sensing (PI, 2017–2020, £110k)
- » Generation, routing, and manipulation of single photons via surface plasmons for quantum nano metrology and sensing (PI, 2015–2018, £110k)

Royal Society

- » Metasurfaces for photon management (joint award with China, PI, 2017–2019, £12k)
- » Sunlight-enhanced catalysis (Overseas Aid award, PI, 2016–2017, £86k)
- » Wolfson Research Merit Award (PI, 2011–2016, £53k)
- » Nanophotonic force detection (PI, 2014–2016, £6k)
- » Hybrid nanocavities (PI, 2013–2015, £12k)
- » Electron energy loss spectroscopy for plasmonics (PI, 2009–2011, £6k)
- » Spoof surface plasmons (PI, 2006–2009, £6k)
- » Surface plasmon nanophotonics (PI, 2006–2007, £15k)

European Science Foundation

- » Plasmon-Bionanosense network (PI, 2010–2015, £470k)

European Commission

- » Plasmon resonance for improving the absorption of solar cells (co-I, 2009–2012, £500k)

European Space Agency

- » High-radiation-tolerant multi-junction solar cells (co-I, 2014–2015, £70k)

NG Next

- » Plasmonics for integrated hot carrier devices (PI, 2016–2018, £93k)

Personal data

- » citizenship: Germany, UK
- » date of birth 22/09/1975, languages: English (fluent), German (fluent), Spanish (fluent), Italian (beginner)

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Archival journal publications

- 319 Abdelwahab, I., Dichtl, P., Grinblat, G., Leng, K., Chi, X., Park, I.-H., Nielsen, M.P., Oulton, R.F., Loh, K.P., & Maier, S.A., Giant and tunable optical nonlinearity in single-crystalline 2D perovskites due to excitonic and plasma effects, *Advanced Materials* 1902685 (2019)
- 318 Guerra Hernández, L.A., Arroyo Huidobro, P., Cortés, E., Maier, S.A., & Fainstein, A., Resonant far- to near-field channeling in synergetic multiscale antennas, *ACS Photonics* (2019)
- 317 Grinblat, G., Nielsen, M.P., Dichtl, P., Li, Y., Oulton, R.F., & Maier, S.A., Ultrafast sub-30 fs all-optical switching based on gallium phosphide, *Science Advances* 5:eeaw3262 (2019)
- 316 Palmer, S.J., Xiao, X., Pazos-Peres, N., Guerrini, L., Correa-Duarte, M.A., Maier, S.A., Craster, R.V., Alvarez-Puelba, A., & Giannini, V., Extraordinarily transparent compact metallic metamaterials, *Nature Communications* 10, 2118 (2019)
- 315 Güsken, N.A., Lauri, A., Li, Y., Matsui, T., Doiron, B., Bower, R., Regoutz, A., Mihai, A., Petrov, P.K., Oulton, R.F., Cohen, L.F., & Maier, S.A., TiO_2 -enhanced IR hot carrier based photodetection in metal thin film-Si junctions, *ACS Photonics* 6, 953 (2019)
- 314 Linh, V.T.N., Xiao, X., Jung, H.S., Giannini, V., Maier, S.A., Kim, D.-H., Lee, Y.-I., & Park, S.-G., Compact integration of TiO_2 nanoparticles into the cross-points of 3D vertically stacked Ag nanowires for plasmon-enhanced photocatalysis, *Nanomaterials* 9, 468 (2019)
- 313 Gubbin, C.R., Berté, R., Meeker, M.A., Giles, A.J., Ellis, C.T., Tischer, J.G., Wheeler, V.D., Maier, S.A., Caldwell, J.D., & De Liberato, S., Hybrid longitudinal-transverse phonon polaritons, *Nature Communications* 10, 1682 (2019)
- 312 Zaza, C., Violi, I.L., Gargiulo, J., Chiarelli, G., Schumacher, L., Jakobi, J., Olmos, J., Corés, E., König, M., Barcikowski, S., Schlücker, S., Saenz, J.J., Maier, S.A., & Stefani, F.D., Size-selective optical printing of silicon nanoparticles through their dipolar magnetic resonance, *ACS Photonics* 6, 815 (2019)
- 311 Pensa, E., Gargiulo, J., Lauri, A., Schlücker, S., Cortés, E., & Maier, S.A., Spectral screening of the energy of hot holes over a particle plasmon resonance, *Nano Letters* 19, 1867 (2019)
- 310 Mignuzzi, S., Vezzoli, S., Horsley, S.A.R., Barnes, W.L., Maier, S.A., & Sapienza, R., Nanoscale design of the local density of optical states, *Nano Letters* 19, 1613 (2019)
- 309 Doiron, B., Mota, M., Wells, M.P., Bower, R., Mihai, A., Li, Y., Cohen, L.F., Alford, N.McN., Petrov, P.K., Oulton, R.F., & Maier, S.A., Quantifying figures of merit for localized surface plasmon resonance applications: a materials survey, *ACS Photonics* 6, 240 (2019)
- 308 Jain, C., Braun, A., Gargiulo, J., Jang, B., Li, G., Lehmann, H., Maier, S.A., & Schmidt, M.A., Hollow core light cage: trapping light behind bars, *ACS Photonics* 6, 649 (2019)
- 307 Wu, T., Luo, Y., Maier, S.A., & Wei, L., Phase-matching and peak nonlinearity enhanced third-harmonic generation in graphene plasmonic coupler, *Physical Review Applied* 11, 014049 (2019)
- 306 Rahmani, M., Leo, G., Brener, I., Zayats, A.V., Maier, S.A., De Angelis, C., Tan, H., Flavio Gili, V., Karouta, F., Oulton, R., Vora, K., Lysevych, M., Staude, I., Xu, L., Miroshnichenko, A.E., Jagadish, C., & Neshev, D.N., Nonlinear frequency conversion in optical nanoantennas and metasurfaces: materials evolution and fabrication, *Opto-Electronic Advances* 1, 180021 (2018)
- 305 Berté, R., Della Picca, F., Poblet, M., Li, Y., Cortés, E., Craster, R.V., Maier, S.A., & Bragas, A.V., Acoustic far-field hypersonic surface wave detection with single plasmonic nanoantennas, *Physical Review Letters* 121, 253902 (2018)
- 304 Grinblat, G., Berté, R., Nielsen, M.P., Oulton, R.F., & Maier, S.A., Sub-20 fs all-optical switching in a single Au-clad Si nanodisk, *Nano Letters* 18, 7896 (2018)
- 303 Li, G.-C., Zhang, Q., Maier, S.A., & Lei, D., Plasmonic particle-on-film nanocavities: a versatile platform for plasmon-enhanced spectroscopy and photochemistry, *Nanophotonics* 7, 1865 (2018)
- 302 Shautsova, V., Sidiropoulos, T., Xiao, X., Güsken, N.A., Black, N.C.G., Gilbertson, A.M., Giannini, V., Maier, S.A., Cohen, L.F., & Oulton, R.F., Plasmon induced thermoelectric effect in graphene, *Nature Communications* 9, 5190 (2018)
- 301 Zhang, C., Cao, G., Wu, S., Shao, W., Giannini, V., Maier, S.A., & Li, X., Thermodynamic loss mechanisms and strategies for efficient hot-electron photoconversion, *Nano Energy* 55, 164 (2019)
- 300 Grell, M., Dincer, C., Le, T., Lauri, A., Nunez Bajo, E., Kasimatis, M., Barandun, G., Maier, S.A., Cass, A.E.G., & Güder, F., Autocatalytic metallization of fabrics using Si ink, for biosensors, batteries and energy harvesting, *Advanced Functional Materials* 1804798 (2018)

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- 299 Güsken, N.A., Nielsen, M.P., Nguyen, N.B., Maier, S.A., & Oulton, R.F., Nanofocusing in SOI-based hybrid plasmonic metal slot waveguides, *Optics Express* 26, 342256 (2018)
- 298 Rzdolski, I., Passler, N.C., Gubbin, C.R., Winta, C.J., Cernansky, R., Martini, F., Politi, A., Maier, S.A., Wolf, M., Paarmann, A., & De Liberato, S., Second harmonic generation from strongly coupled localized and propagating phonon-polariton modes, *Physical Review B* 98, 125425 (2018)
- 297 Kerber, R.M., Fitzgerald, J.M., Xiao, X., Oh, S.S., Maier, S.A., Giannini, V., & Reiter, D.E., Interaction of an Archimedean spiral structure with orbital angular momentum light, *New Journal of Physics* 20, 095005 (2018)
- 296 Wang, X., Park, S.-G., Ko, J., Xiao, X., Giannini, V., Kim, D.-H., & Choo, J., Sensitive and reproducible immunoassay of multiple mycotoxins using surface-enhanced Raman scattering mapping on 3D plasmonic nanopillar arrays, *Small* 14, 1801623 (2018)
- 295 Xiao, X., Li, X., Caldwell, J.D., Maier, S.A., & Giannini, V., Theoretical analysis of graphene plasmon cavities, *Applied Materials Today* 12, 283 (2018)
- 294 Gennaro, S.D., Li, Y., Maier, S.A., & Oulton, R.F., Double blind ultrafast pulse characterization by mixed frequency generation in a gold antenna, *ACS Photonics* 5, 3166 (2018)
- 293 Wells, M.P., Bower, R., Kilmurray, R., Zou, B., Mihai, A.P., Bogalakrichenane, G., Alford, N.McN., Oulton, R.F.M., Cohen, L.F., Maier, S.A., Zayats, A.V., & Petrov, P.K., Temperature stability of thin film refractory plasmonic materials, *Optics Express* 26, 15726 (2018)
- 292 Wells, M.P., Zou, B., Mihai, A.P., Bower, R., Doiron, B., Regoutz, A., Fearn, S., Maier, S.A., Alford, N.McN., & Petrov, P.K., Multiphase strontium molybdate thin films for plasmonic local heating applications, *Optics Materials Express* 8, 1806 (2018)
- 291 Berte, R., Gubbin, C.R., Wheeler, V.D., Giles, A.J., Giannini, V., Maier, S.A., De Liberato, S., & Caldwell, J.D., Sub-nanometer thin oxide film sensing with localized surface phonon polaritons, *ACS Photonics* 5, 2807 (2018)
- 290 Black, N.C.G., Rungger, I., Li, B., Maier, S.A., Cohen, L.F., Gallop, J.C., & Hao, L., Adsorption dynamics of CVD graphene investigated by a contactless microwave method, *2D Materials* 5, 035024 (2018)
- 289 Simoncelli, S., Li, Y., Cortés, E., & Maier, S.A., Imaging plasmon hybridization of Fano resonances via hot-electron-mediated absorption mapping, *Nano Letters* 18, 3400 (2018)
- 288 Morozov, S., Gaio, M., Maier, S.A., & Sapienza, R., Metal-dielectric parabolic antenna for directing single photons, *Nano Letters* 18, 3060 (2018)
- 287 Yang, Q., Zhang, C., Wu, S., Li, S., Bao, Q., Giannini, V., Maier, S.A., & Li, X., Photonic surface waves enabled perfect infrared absorption by monolayer graphene, *Nano Energy* 48, 161 (2018)
- 286 Gu, Y., Zhang, Y., Li, Y., Jin, X., Huang, C., Maier, S.A., & Ye, J., Raman photostability of off-resonant gap-enhanced Raman tags, *RSC Advances* 8, 14434 (2018)
- 285 Cambiasso, J., König, M., Cortés, E., Schlücker, S., & Maier, S.A., Surface-enhanced spectroscopies of a molecular monolayer in an all-dielectric nanoantenna, *ACS Photonics* 5, 1546 (2018)
- 284 Brown, L.V., Davanco, M., Sun, Z., Kretinin, A., Chen, Y., Matson, J.R., Vurgaftman, I., Sharac, N., Giles, A.J., Fogler, M.M., Taniguchi, T., Watanabe, K., Novoselov, K. S., Maier, S.A., Centrone, A., & Caldwell, J.D., Nanoscale mapping and spectroscopy of nonradiative hyperbolic modes in hexagonal boron nitride nanostructures, *Nano Letters* 18, 1628 (2018)
- 283 Matsui, T., Li, Y., Mark Hsu, M.-H., Merckling, C., Oulton, R.F., Cohen, L.F., & Maier, S.A., Highly stable plasmon induced hot hole transfer into silicon via a SrTiO₃ passivation interface, *Advanced Functional Materials* 28, 1705829 (2018)
- 282 Mignuzzi, S., Mota, M., Coenen, T., Li, Y., Mihai, A.P., Petrov, P.K., Oulton, R.F., Maier, S.A., & Sapienza, R., Energy-momentum cathodoluminescence spectroscopy of dielectric nanostructures, *ACS Photonics* 5, 1381 (2018)
- 281 Ma, Z., Li, Y., Li, Y., Gong, Y., Maier, S.A., & Hong, M., All-dielectric planar chiral metasurface with gradient geometric phase, *Optics Express* 26, 6067 (2018)
- 280 Shibamuna, T., Maier, S.A., & Albella, P., Polarization control of high transmission/reflection switching by all-dielectric metasurfaces, *Applied Physics Letters* 112, 063103 (2018)
- 279 Simoncelli, S., Li, Y., Cortés, E., & Maier, S.A., Nanoscale control of molecular self-assembly by plasmonic hot-electron dynamics, *ACS Nano* 12, 2184 (2018)
- 278 Wang, Z., Dong, Z., Zhu, H., Jin, L., Chiu, M.-H., Li, L.-J., Xu, Q.-H., Goki, E., Maier, S.A., Wee, A.T.S., Qiu, C.-W., & Wang, J.K.W., Selectively plasmon-enhanced second-harmonic generation from monolayer tungsten diselenide on flexible substrates, *ACS Nano* 12, 1859 (2018)

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- 277 Abdelwahab, I., Grinblat, G., Leng, K., Yi, L., Chi, X., Rusydi, A., Maier, S.A., & Loh, K.P., Highly enhanced third-harmonic generation in 2D perovskites at excitonic resonances, *ACS Nano* 12, 644 (2018)
- 276 Bobrovska, N. Matuszewski, M., Daskalakis, K.S., Maier, S.A., & Kéna-Cohen, S., Dynamical instability of a nonequilibrium exciton-polariton condensate, *ACS Photonics* 5, 111 (2018)
- 275 Hasan, M., Khunsin, W., Mavrokefalos, C.K., Maier, S.A., Rohan, J.F., & Foord, J.S., Facile electrochemical synthesis of Pd nanoparticles with enhanced electrocatalytic properties from surfactant-free electrolyte, *ChemElectroChem* 4, 1 (2017)
- 274 Hu, H., Zhang, J., Maier, S.A., & Luo, Y., Enhancing third-harmonic generation with spatial nonlocality, *ACS Photonics* 5, 592 (2018)
- 273 Chen, J., Zhao, X., Grinblat, G., Chen, Z., Tan, S.J.R., Fu, W., Ding, Z., Abdelwahab, I., Li, Y., Geng, D., Liu, Y., Leng, K., Liu, B., Liu, W., Tang, W., Maier, S.A., Pennycook, S.J., & Loh, K.P., Homoepitaxial growth of large-scale highly organized transition metal dichalcogenide patterns, *Advanced Materials* 30, 1704674 (2018)
- 272 Nielsen, M.P., Shi, X., Dichtl, P., Maier, S.A., & Oulton, R.F., Giant nonlinear response at a plasmonic nanofocus drives efficient four-wave mixing, *Science* 358, 1179 (2017)
- 271 Dieleman, F., Tame, M.S., Sonnefraud, Y., Kim, M.S., & Maier, S.A., Experimental verification of entanglement generated in a plasmonic system, *Nano Letters* 17, 7455 (2017)
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