S-Waveplate references

1. Rudolf Weber, Andreas Michalowski, Marwan Abdou-Ahmed, Volkher Onuseit, Volker Rominger, Martin Kraus, Thomas Graf, "Effects of Radial and Tangential Polarization in Laser Material Processing", Physics Procedia, Volume 12, Part A, (2011), Pages 21-30. doi:10.1016/j.phpro.2011.03.004
2. Cyril Hnatovsky, Vladlen Shvedov, Wieslaw Krolikowski, and Andrei Rode, "Revealing Local Field Structure of Focused Ultrashort Pulses", Phys. Rev. Lett. 106, 123901 (2011). doi:http://dx.doi.org/10.1103/PhysRevLett.106.123901
3. Yao Bao-Li, Yan Shao-Hui, Ye Tong and Zhao Wei, "Optical Trapping of Double-Ring Radially Polarized Beam with Improved Axial Trapping Efficiency", Chinese Phys. Lett. 27 108701, (2010). doi:http://dx.doi.org/10.1088/0256-307X/27/10/108701
4. Hong Kang, Baohua Jia, Jingliang Li, Dru Morrish, and Min Gu, "Enhanced photothermal therapy assisted with gold nanorods using a radially polarized beam", Appl. Phys. Lett. 96, 063702 (2010). doi:http://dx.doi.org/10.1063/1.3302461
5. Gilad M. Lerman and Uriel Levy, "Radial polarization interferometer", Opt. Express 17, 23234-23246 (2009). doi:10.1364/OE.17.023234
6. Fake Lu, Wei Zheng, and Zhiwei Huang, "Coherent anti-Stokes Raman scattering microscopy using tightly focused radially polarized light", Opt. Lett. 34, 1870-1872 (2009). doi:10.1364/OL.34.001870
7. Weibin Chen, Don C. Abeysinghe, Robert L. Nelson§ and Qiwen Zhan, "Plasmonic Lens Made of Multiple Concentric Metallic Rings under Radially Polarized Illumination", Nano Lett., 2009, 9 (12), pp 4320–4325. doi:10.1021/nl903145p
8. Gilad M. Lerman and Uriel Levy, "Effect of radial polarization and apodization on spot size under tight focusing conditions", Opt. Express 16, 4567-4581 (2008). doi:10.1364/OE.16.004567
9. D. W. Diehl, R. W. Schoonover, and T. D. Visser, "The structure of focused, radially polarized fields", Opt. Express 14, 3030-3038 (2006). doi:10.1364/OE.14.003030
10. Tasso R. M. Sales, "Smallest Focal Spot", Phys. Rev. Lett. 81, 3844–3847 (1998). doi:http://dx.doi.org/10.1103/PhysRevLett.81.3844
11. A. V. Nesterov, V. G. Niz'ev and A. L. Sokolov , "Transformation problem for radiation with radial polarization", Volume 90, Number 6 (2001). doi:10.1134/1.1380793
12. O J Allegre et al, "Laser microprocessing of steel with radially and azimuthally polarized femtosecond vortex pulses" , J. Opt. 14 085601, (2012). doi:http://dx.doi.org/10.1088/2040-8978/14/8/085601
13. M. Kraus, M. Ahmed, A. Michalowski, A. Voss, R. Weber, and T. Graf, "Microdrilling in steel using ultrashort pulsed laser beams with radial and azimuthal polarization", Opt. Express 18, 22305-22313 (2010). doi:http://dx.doi.org/10.1364/OE.18.022305
14. M.Gecevičius, R.Drevinskas, M.Beresna and Peter G. Kazansky "Single beam optical vortex tweezers with tunable orbital angular momentum", Appl. Phys. Lett. 104, 231110 (2014). doi:http://dx.doi.org/10.1063/1.4882418
15. Di Lin, J. M. O. Daniel, M. Gecevičius, M. Beresna, P. G. Kazansky, and W. A. Clarkson "Cladding-pumped ytterbium-doped fiber laser with radially polarized output", Optics Letters Vol. 39, Iss. 18, pp. 5359–5361 (2014). doi:http://dx.doi.org/10.1364/OL.39.005359
16. Y Liu, X Ling, X Yi, X Zhou, S Chen, Y Ke, H Luo, S Wen, "Photonic spin Hall effect in metasurfaces with rotational symmetry-breaking", arXiv preprint arXiv:1407.6088 (2014). doi:http://dx.doi.org/10.1364/OL.40.000756
17. X Yi, X Ling, Z Zhang, Y Li, X Zhou, Y Liu, S Chen, H Luo, S Wen, "Generation of cylindrical vector vortex beams by two cascaded metasurfaces", Optics Express 22, 17207-17215 (2014). doi:http://dx.doi.org/10.1364/OE.22.017207
18. Y Liu, X Ling, X Yi, X Zhou, H Luo, S Wen, "Realization of polarization evolution on higher-order Poincaré sphere with metasurface", Applied Physics Letters 104 (19), 191110 (2014). doi:http://dx.doi.org/10.1063/1.4878409

19. Gong, Lei, et al. “Generation of cylindrically polarized vector vortex beams with digital micromirror device” Journal of Applied Physics 116.18 (2014). doi:http://dx.doi.org/10.1063/1.4901574

20. Zihao Rong, Cuifang Kuang, Yue Fang, Guangyuan Zhao, Yingke Xu, Xu Liu, “Super-resolution microscopy based on fluorescence emission difference of cylindrical vector beams”, Optics Communications (2015). doi:http://dx.doi.org/10.1016/j.optcom.2015.05.057

21. Mateusz A. Tyrk, Svetlana A. Zolotovskaya, W. Allan Gillespie, and Amin Abdolvand, “Radially and azimuthally polarized laser induced shape transformation of embedded metallic nanoparticles in glass,” Opt. Express 23, 23394-23400 (2015). doi:http://dx.doi.org/10.1364/OE.23.023394

22. Xunong Yi, Ying Li, Xiaohui Ling, Yachao Liu, Yougang Ke, Dianyuan Fan, “Addition and subtraction operation of optical orbital angular momentum with dielectric metasurfaces”, Optics Communications, Volume 356, 456-462 (2015). doi:http://dx.doi.org/10.1016/j.optcom.2015.08.011

23. Guzman-Silva, Diego, et al. “Demonstration of local teleportation using classical entanglement” arXiv:1509.06217 (2015). doi:http://arxiv.org/abs/1509.06217

24. Yu-Xuan Ren et al. “Tailoring light with a digital micromirror device”, Annalen der Physik Volume 527, Issue 7-8, pages 447–470, August (2015). doi: 10.1002/andp.201500111

25. Hong Ji et al. “Microstructured suspended core fiber for cylindrical vector beams propagation” CLEO: 2015, OSA Technical Digest (online), Optical Society of America, (2015). doi: 10.1364/CLEO_SI.2015.STu4L.5

26. Aidas Matijošius et al. “Formation of second order optical vortices with a radial polarization converter using the double-pass technique”, Optics Communications, Volume 349, Pages 24–30, (2015). doi: 10.1016/j.optcom.2015.03.036

27. Wenjing Zhang et al. “Robust sky light polarization detection with an S-wave plate in a light field camera” Applied Optics Vol. 55, Issue 13, pp. 3518-3525 (2016). doi: 10.1364/AO.55.003518

28. Evangelos Skoulas, Alexandra Manousaki, Costas Fotakis and Emmanuel Stratakis, et al. “Biomimetic surface structuring using cylindrical vector femtosecond laser beams” arXiv:1611.03360 (2016). doi:http://arxiv.org/abs/1611.03360

29. Gang Chen, Zhi-xiang Wu, An-ping Yu, Zhi-hai Zhang, Zhong-quan Wen, Kun Zhang, Lu-ru Dai, Sen-lin Jiang, Yu-yan Li, Li Chen, Chang-tao Wang & Xian-gang Luo, “Generation of a sub-diffraction hollow ring by shaping an azimuthally polarized wave”, Sci. Rep. **6**, 37776 (2016). doi:10.1038/srep37776

30. Junxiao Zhou, Yachao Liu, Yougang Ke, Yuanyuan Liu, Hailu Luo, et al. “Spin-photonic devices based on optical integration of Pancharatnam-Berry phase elements”, Proc. SPIE, Volume 9931, Spintronics IX, 99310F (2016). doi:http://dx.doi.org/10.1117/12.2236459

31. Chao Wang, Lun Jiang, Yuan Hu, Zhuang Liu, Ying-chao Li, et al. “Superresolution far-field diffraction spot in the free-space laser communication system due to radially polarized beam”, Proc. SPIE, Volume 10158, Optical Communication, Optical Fiber Sensors, and Optical Memories for Big Data Storage, 101580K (2016). doi:http://dx.doi.org/10.1117/12.2246624

32. Guadalupe López-Morales, Victor-Manuel Rico-Botero, Rafael Espinosa-Luna, and Qiwen Zhan, “Refractive index measurement of dielectric samples using highly focused radially polarized light (Invited Paper)”, Chin. Opt. Lett. 15, 030004- (2017). doi:10.3788/COL201715.030004

33. Zhenxing Liu, Yuanyuan Liu, Yougang Ke, Yachao Liu, Weixing Shu, Hailu Luo, and Shuangchun Wen, “Generation of arbitrary vector vortex beams on hybrid-order Poincaré sphere,” Photonics Research, Volume 5, 15-21 (2017). doi:https://doi.org/10.1364/PRJ.5.000015

34. Yachao Liu, Yougang Ke, Junxiao Zhou, Yuanyuan Liu, Hailu Luo, Shuangchun Wen, Dianyuan Fan, “Generation of perfect vortex and vector beams based on Pancharatnam-Berry phase elements”, arXiv:1702.00946 (2017). doi:http://arxiv.org/abs/1702.00946