* 个人简介：

沈耀国，男，2018年获得中国科学院大学工学博士学位，现为闽江学院物理与电子息息工程学院副教授，2020年获闽都学者骨干人才，2021年入选福建省高层次C类人才。主要研究方向为光电功能晶体，以第一或通讯在*Coordination Chemistry Reviews*、*[Chemistry of Materials](http://e.so.com/search/eclk?p=c120GWu6a4SJ4yUEZqmraWNHVl2NU2P15l4jXU3aUHy-zmYTHaQaw6c3Cwd5if96IbTXQdA2WZwnk0uXQYqkGh65BmiHjvwMXAZsPOQHpf5L3ZYBtTnoMWItvJB1kF9mOC9pc8iT4JRraYTC7rkfFA1BIdRtbmXWHiNxfDIvbQCA9vbnOpZ1oMZRNLwuNPoqgmTwROMwY_yTNDiOg3WwvVr8PJ3IMyskMB_3pMJWdGmS8y8XZIe1muhjVs41qsDvwzcCys0YvNd0ZR6IDj278zU1TDRN_CIKVNFn-q_CD1MlQBiuTEvYDYvlYsDrtl15_NDs3ZPRJPquB79tl30EsjEkaeeGfNco3M_mEixnz_Y7CHLCafcLYLlZN3Q2af84b4AW5KwrBrSWGPDpFlWtaa1nkzR79ihF-iKyElNQPEUuUkuoB8heGFPkJI0guELGWIVg9x80yQvRfOyXgF6HGa_9oH_oBQJFYqQZSGk4VDTZGN8CNI8tg9j7skLw5Ay0NLmy1xYEGx0B8w086XqtsLQJBp9f707Rt4q7WKH2KHzVNsXBcJi55J67O1UXxo76j3JmKWLiAg4OINfPSsYda3LkKS5QGXzq1_r9Kbr4mrkGYlAee9nKi8V82FA77qC7s55TfUSdBm2BO_UVSYSM6xGV1ZXIqBN50Z3nv90joGwPOcjnbw9dv9H77rfxE48tQUFokTCFfDsFQLJ3bfOdEklvJkK2qr_rjPH4EQqJGMRqnFiGlOJOZ-cpmcykfcTnvPGmSD2M76H17dckYqcSxnSCVQ3bd_0uu53BhiIIxGAcYeNDBAmJjXIXph0fixa75GtB2RYRSzHryKXAQkdxSNyObBMjf1iatDC1b3FiXKdqnwCX31BiPsLYhC3796nq20BFwLc_OA&ns=0&v=2&at=AWNoZW1pc3RyeSBvZiBtYXRlcmlhbHMC5oqV56i_X-mmlumhtQ&aurl=aHR0cHM6Ly93d3cuaGFvcWlrYW4uY29tL3NjaS8wODk3NDc1Ni8&sig=1f1f&bt=1undefined&ud=1685430855927" \t "https://www.so.com/_blank)*、*Inorganic Chemistry Frontiers*、*[Journal of Materials Chemistry C](https://www.so.com/link?m=eAS58sgqbtsH99HMSQW9VZNfk/MlTwTGPZ+y4QZ/JJmpUHiKcHTWmn/Y/nusOVJ+x6h09Q7xQi91oT5qWRurVj9XwIQdicLwuUfC1mQDo3HwPUBCDz4shnKyMmHeWXAvSCVqB7x2bQNsVzNELuQ+iVAFNoMBQuPTcjI2H2g==" \t "https://www.so.com/_blank)*、*[Crystal Growth & Design](http://e.so.com/search/eclk?p=167a4EmrdrBZkYy9LwWZ13NUyio8wNaZ6Fg90zVYr0jjpZeLZb84rom9UgUGB64X21Mt9bas-0JZjj3UJUnOrJY5tH7pBka7DFUdqAVWGpSna59Wy6bO9uBRmJIan5w5aANpbt9lufL0ub1VrElzrXEj8C7olReOJ7dBM8_i9id9SXfjBkdo22fjW-1SyhbityLLBNitvGTq5lMkMsbNVteGWOvQn8xQl3AEjFN2x3ruImB4I3gBvym6swn56fzW7bH0pji4A_PA18-vlBQQSDVS5LZAIeRkXMScR-Cpf1k7eEoq5bEIMT46FXRDnywAXzBCLHFrro24FKv5wZRffosuD8Ao0iQXhdyck-G4Uk2kv5L8R0UOoJxByiY6_neXicJanV7oCyDZ43uwJESVHQ0CNuN-JhYDCXV4Sp5HTgJPOT_sULyMzCCNjfn5GbbvrRCZ9jcxJc4cxb-ctKs_7brQDus0uOzhLQW8wuyFw7q6_uXGkwye7dYCOzKqdvNQAB04JfcfG5EJHqP_O-T80950eTBOd-gAkN63Tzm4VmsLciBFLqEby6Sve1U5FtvlQyXh58lWl_kI73865i3ubhG3Nwcf5_bf5lziEgxlM191cmV7rubx-1pzGSYk1dqyib8geS8iL5FESPcEJSaItDeeHlP774_4Bkj2oGyhR3yXV2EepybmmpN0OgSIakfQYGUk3dtlVEuEuqYbUUnhp2idBB453MMxIlKdGKsayiE-DMSNX1j7gi5IATzM8jXkjfTa2r74s9f_RLMqCm_62-SpK7yXPUIrmKKMFdOyt39DdiW1W6q-XmXKPHw0gikgEBXsEU5ticEW_PDLYREcPKnYcqcGKfl58PKeGeUVHsD7Hxe_qpLdp35KaDn85FWEe4P5_blMNdA7&ns=0&v=2&at=AWNyeXN0YWwgZ3Jvd3RoICYgZGVzaWduAl_mipXnqL_lhaXlj6M&aurl=aHR0cHM6Ly93d3cueW91ZmFiaWFvLmNvbS9zY2kvMTUyODc0ODMv&sig=7ac4&bt=1undefined&ud=1685430992426" \t "https://www.so.com/_blank)*等期刊发表SCI论文20余篇。

* 研究方向：

光电功能晶体

* 代表性论文
* **Y.G. Shen**, Y.G. Shen, L. Ma, G.F. Dong, H.L. Yu, and J.H. Luo, “[β-(C](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[3](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[H](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[7](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[N](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[6](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[)](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[2](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[Cl](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[2](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[·H](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[2](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[O and (C](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[3](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[H](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[7](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[N](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[6](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[)F·H](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[2](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001)[O: two UV birefringent crystals induced by uniformly aligned structural groups](https://www.webofscience.com/wos/woscc/full-record/WOS:000941116400001),” *Inorganic Chemistry Frontiers*, 10, 2022-2029, 2023. (IF=7.779)
* **Y.G. Shen**, W.Y. Tang, and X.X. Lin, “Advances in second-order nonlinear optical sulfates,” *Coordination Chemistry Reviews*, 459, 214443, 2022. (IF=24.833)
* **Y.G. Shen**, Y.W. Zhou, X.L. Xue, H.L. Yu, S.G. Zhao, and J.H. Luo, “(C3N6H7)2SiF6·H2O: an ultraviolet birefringent crystal exceeding the intrinsic energy gap of an organic reagent,” *Inorganic Chemistry* *Frontiers*, 9, 5226-5230, 2022. (IF=7.779)
* **Y.G. Shen**, B. Chen, H. Chen, and J.H. Luo, “(C3N6H7)2SbF5·H2O exhibiting strong optical anisotropy from the optimal arrangement of π‑conjugated (C3N6H7)+ groups,” *Inorganic Chemistry*, 31, 14242-14246, 2022. (IF=5.436)
* **Y.G. Shen**, L. Wu, Y.W. Zhou, H. Lin, C. Zhang, H.L Yu, J. Wang, and L. Yu, “High electrochemical performance of Ni-foam supported Ti3C2Tx MXene/rGO nanocomposite,” *Nanotechnology*, 32, 375710, 2021. (IF=3.953)
* **Y.G. Shen**, S.G. Zhao, C.X. Wang, Z.J. Wang, J.H. Feng, M.C. Hong, and J.H. Luo, “An optoelectronic duple bistable phosphate with ultrahigh thermal stability,” *Journal of Materials Chemistry C*, 6, 388-392, 2018. (IF=8.067)
* **Y.G. Shen**, Y. Yang, S.G. Zhao, B.Q. Zhao, Z.S. Lin, C.M. Ji, L.N. Li, P. Fu, M.C. Hong, and J.H. Luo, “Deep-ultraviolet transparent Cs2LiPO4 exhibits an unprecedented second harmonic generation,” *Chemistry of Materials*, 28, 7110-7116, 2016. (IF=10.508)
* 科研项目

1. 福建省自然科学基金面上项目，无机深紫外非线性光学晶体材料的探索与性能研究，2019/06-2022/06，8万元，主持。
2. 闽江学院引进人才科科技预研项目，紫外非线性光学晶体材料的制备与研究，2021/04-2023/12，16万，主持。
3. 福建省自然科学基金面上项目，纳米光催化材料的Cu/半导体肖特基结和Cu表面等离子体热点构建及其作用机理研究，2020/06-2023/06，7万元，参与。

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