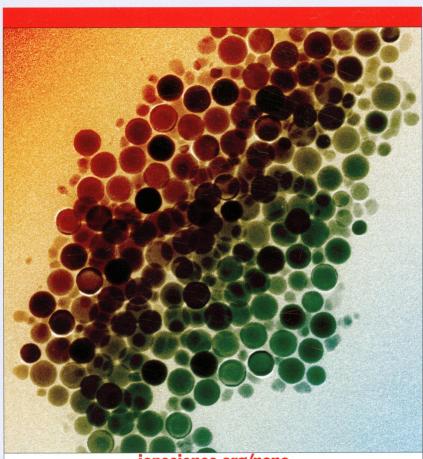
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Controllable synthesis of silver and silver sulfide nanocrystals via selective cleavage of chemical bonds A Tang, Y Wang, H Ye, C Zhou, C Yang, X Li, H Peng, F Zhang, Y Hou and F Teng

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355101 'Living' PEGylation on gold nanoparticles to optimize cancer cell uptake by controlling targeting ligand and charge densities Hongwei Chen, Hayley Paholak, Masayuki Ito, Kanokwan Sansanaphongpricha, Wei Qian, Yong Che and Duxin Sun

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355203 High-performance nonvolatile Al/AlO_x/CdTe:Sb nanowire memory device Chao Xie, Biao Nie, Long Zhu, Long-Hui Zeng, Yong-Qiang Yu, Xian-He Wang, Qun-Ling Fang, Lin-Bao Luo and Yu-Cheng Wu

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355502 Scalable graphene field-effect sensors for specific protein detection Grant Saltzgaber, Peter Wojcik, Tal Sharf, Matthew R Leyden, Jenna L Wardini, Christopher A Heist, Adeniyi A Adenuga, Vincent T Remcho and Ethan D Minot

355503 Towards high-performance, low-cost quartz sensors with high-density, well-separated, vertically aligned ZnO nanowires by low-temperature, seed-less, single-step, double-sided growth Andrea Orsini, Pier Gianni Medaglia, David Scarpellini, Roberto Pizzoferrato and Christian Falconi

355504 Improved thermal cycling durability and PCR compatibility of polymer coated quantum dot Zhe Xun, Xiaoyun Zhao and Yifu Guan

Materials: synthesis or self-assembly

355601 High yield formation of lipid bilayer shells around silicon nanowires in aqueous solution Lotta Römhildt, Andreas Gang, Larysa Baraban, Jörg Opitz and Gianaurelio Cuniberti

355602 Controllable synthesis of silver and silver sulfide nanocrystals via selective cleavage of chemical bonds Aiwei Tang, Yu Wang, Haihang Ye, Chao Zhou, Chunhe Yang, Xu Li, Hongshang Peng, Fujun Zhang, Yanbing Hou and Feng Teng

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355705 Controlled modification of mono- and bilayer graphene in O₂, H₂ and CF₄ plasmas IOPselect A Felten, A Eckmann, J-J Pireaux, R Krupke and C Casiraghi

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