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## Bidirectional All-Optical Synapses Based on a 2D Bi<sub>2</sub>O<sub>2</sub>Se/Graphene Hybrid Structure for Multifunctional Optoelectronics

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72	Interface-Driven Multifunctionality in Two-Dimensional TiO Nanosheet/Poly(Dimercaptothiadiazole-Triazine) Hybrid Resistive Random Access Memory Device. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 56568-56578	9.5	4
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69	Progress Report on Property, Preparation, and Application of Bi <sub>2</sub> O <sub>2</sub> Se. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2004480	15.6	25
68	Dimensionally anisotropic graphene with high mobility and a high on/off ratio in a three-terminal RRAM device. <i>Materials Chemistry Frontiers</i> , <b>2020</b> , 4, 1756-1763	7.8	4
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65	All-Optically Controlled Memristor for Optoelectronic Neuromorphic Computing. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2005582	15.6	34
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60	Recent Advances in 2D Materials for Photodetectors. <i>Advanced Electronic Materials</i> , <b>2021</b> , 7, 2001125	6.4	17
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- 1 Organic Photonic Synaptic Devices with UV-Stimulated Inhibition and Adaptive Short-Term Plasticity.

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