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SCI Papers

1. Kai-Chi Hsiao, Yen-Fu Yu, Ching-Mei Ho, Meng-Huan Jao, Yu-Hsiang Chang, Shih-Hsuan Chen, Yin-Hsuan Chang, **Wei-Fang Su**, Kun-Mu Lee, Ming-Chung Wu*,"Doping Engineering of Carrier Transporting Layers for Ambient-Air-Stable Lead-Free Rudorffite Solar Cells Prepared by Thermal-Assisted Doctor Blade Coating," 2023, Chemical Engineering Journal, 451, 138807.

2. Tien-Li Ma, Shang-Chih Yang, Ting Cheng, Mei-Yun Chen, Jo-Hsuan Wu, Shu-Lang Liao, Wei-Li Chen* and **Wei-Fang Su***, "Exploration of biomimetic poly(c-benzyl-L-glutamate) fibrous scaffolds for corneal nerve regeneration," 2022, Journal of Materials Chemistry B, 10, 6372-6379.

3. Tzu-Yi Yu, Yu-Kai Tseng, Ting-Han Lin, Tzu-Chia Wang, Yun-Hsiu Tseng, Yin-Hsuan Chang, Ming-Chung Wu*, **Wei-Fang Su***, "Effect of cellulose compositions and fabrication methods on mechanical properties of polyurethane-cellulose composites," 2022, Carbohydrate Polymers, 291, 119549.

4. Tien-Li Ma, Chieh-Ming Tsai, Shyh-Chyang Luo, Wei-Li Chen, Yu-Ching Huang*, **Wei-Fang Su***, "Chemical structures and compositions of peptide copolymer films affect their functional properties for cell adhesion and cell viability," 2022, Reactive and Functional Polymers, 175, 105265.

5. Ming-Chung Wu*, Qian-Han Wang, Kai-Chi Hsiao, Shih-Hsuan Chen, Ching-Mei Ho, Meng-Huan Jao, Yin-Hsuan Chang, **Wei-Fang Su**, "Composition engineering to enhance the photovoltaic performance and to prolong the lifetime for silver bismuth iodide solar cell," 2022, Chemical Engineering Journal Advances,10, 200275.

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7. Pei-Huan Lee, Ting-Tzu Wu, Chia-Feng Li, Damian Glowienka, Yu-Xuan Huang, Shih-Han Huang, Yu-Ching Huang,* and **Wei-Fang Su***," Featuring Semitransparent p–i–n Perovskite Solar Cells for High-Efficiency Four-Terminal/Silicon Tandem Solar Cells," 2022, Solar RRL, 2100891.

8. Tzu-Yi Yu, Yun-Hsiu Tseng, Chun-Chieh Wang, Ting-Han Lin, Ming-Chung Wu, Cheng-Si Tsao* and **Wei-Fang Su***," Three Level Hierarchical 3D Network Formation and Structure Elucidation of Wet Hydrogel of Tunable-high-strength Nanocomposite," 2022, Macromolecular Materials and Engineering 2100871.

9. Shih-Han Huang, Yen-Chi Wang, Kai-Chi Hsiao, Pei-Huan Lee, Hsueh-Chung Liao,Yu-Xuan Huang, Yu-Ching Huang*, **Wei-Fang Su***, "Solid-State Ligand-Capped Metal Oxide Electron-Transporting Layer for Efficient and Stable Fullerene-Free Perovskite Solar Cells," 2022, Solar RRL, 2270024.

10. Ming-Chung Wu*, Ruei-Yu Kuo, Yin-Hsuan Chang, Shih-Hsuan Chen, Ching-Mei Ho, **Wei-Fang Su**, "Alkali Metal Cation Incorporated Ag3BiI6 Absorbers for Efficient and Stable Rudorffite Solar Cells," 2021, Oxford Open Materials Science, itab017.

11. Ching-Mei Ho, Ming-Chung Wu,* Shih-Hsuan Chen, Yin-Hsuan Chang, Ting-Han Lin, Meng-Huan Jao, Shun-Hsiang Chan, **Wei-Fang Su**, and Kun-Mu Lee, "High-Performance Stable Perovskite Solar Cell via Defect Passivation With Constructing Tunable Graphitic Carbon Nitride," 2021, Solar RRL, 2100257.

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Books

專書著作			
作者	發表日期	專書論著名稱	出版社、專書國際書碼
Wei-Fang Su	2022/2/22	X-ray Tomographystudy of 3D Hydrogel Structure	Springer Proceedings in Physics ISBN: 978-3-030-92786-8
Wei-Fang Su	2022/2/22	Three-Dimensional Tomography of Cellulose Nanofibers-Polypeptide Nano Composite Hydrogels	Springer Proceedings in Physics ISBN: 978-3-030-92786-8
林唯芳	2020/1	科學玩具教師手冊	寶工實業 ISBN 978-986-98396-0-0
Wei-Fang Su	2013	Principles of Polymer Design and Synthesis	Springer ISBN: 978-3-642-38729-6
Ching-Fuh Lin, **Wei-Fang Su,** Chih-I Wu, and I-Chung Cheng	2012	Organic, Inorganic and Hybrid Solar Cells: Principles and Practice	John-Wiley/IEEE Press ISBN: 978-1-118-16853-0

專書章節				
姓名	**發表日期**	**書名**	**章節標題**	**出版社、專書國際書碼**
張峻瑜, 李沛寰, **林唯芳**	2015	太陽光電技術發展趨勢探討	第七章 鈣鈦礦太陽能電池技術	中技社 ISBN: 978-986-91441-9-3
Sheng-Hao Hsu, Min-Huet Chen and **Wei-Fang Su**	2015	V.K. Thakur and M. R. Kessler Ed., "Liquid Crystalline Polymers Vol. 2-Processing and Applications"	Chapter 19 Liquid Crystalline Epoxy Resin Based Nanocomposite	Springer ISBN: 978-3-319-20269-3