based on them give me research paper that are connected to my work for literature review and reference in tabular form

Based on your research work in **post-quantum zero-knowledge proofs, privacy-preserving biometric verification, homomorphic encryption, and ZKP-based e-voting systems**, I've compiled a comprehensive table of research papers that directly connect to your work areas. These papers will serve as valuable references for your literature review.

Research Papers for Literature Review

Paper Title	Authors	Year	Publication/Venue	Key Research Areas	Relevance to Your Work
A Novel Biometric Identification Scheme Based on Zero-Knowledge Succinct Noninteractive Argument of Knowledge	Guo Chunjie, You Lin, Hu Gengran	2022	Wiley Online Library	ZK-SNARKs, Biometric Privacy, Fingerprint Templates	Direct relevance to your ZKP biometric verification work [1]
Privacy-Preserving Biometric Matching Using Homomorphic Encryption	Gaëtan Pradel, Chris Mitchell	2021	arXiv:2111.12372	Fully Homomorphic Encryption, Biometric Authentication	Highly relevant to your homomorphic encryption research [2]
A Survey on the Applications of Zero-Knowledge Proofs	Ryan Lavin et al.	2024	arXiv (USC)	ZK-SNARKs, Authentication, Voting, Blockchain	Comprehensive overview for your ZKP applications [3]

Paper Title	Authors	Year	Publication/Venue	Key Research Areas	Relevance to Your Work
Two-factor authentication for intellectual property protection using improved zero-knowledge proof and fingerprint biometrics	S Mo et al.	2025	Nature Scientific Reports	Zero-Knowledge Proofs, Fingerprint Authentication	Relevant to your biometric ZKP implementation [4]
Implementation and Optimization of Zero-Knowledge Proof Circuit Based on Hash Function	Y Yang et al.	2022	PMC (IEEE Access)	ZKP Circuit Design, SM3 Hash, Mobile Implementation	Applicable to your mobile zkApp development [5]
Privacy-Preserving E-Voting on Decentralized Networks	Authors (SmartphoneDemocracy)	2025	arXiv:2507.09453	E-Voting, ZKP, Mobile Democracy, BBS Signatures	Directly relevant to your ZKP e-voting research [6]
Efficient face information encryption and verification using hybrid encryption	Y Chen et al.	2025	Nature Scientific Reports	Hybrid FHE, Face Recognition, SM2-SM4 Encryption	Relevant to your multimodal biometric systems [7]
A review of privacy-preserving biometric identification and authentication	L Zeng et al.	2025	Computers & Security	Privacy-Preserving Biometrics, Classification Models	Comprehensive review for your biometric privacy work [8]
Leveraging zero knowledge proofs for blockchain-based identity management	L Zhou et al.	2024	Journal of Information Security	Blockchain Identity, ZKP Applications	Relevant to your blockchain integration research [9]

Paper Title	Authors	Year	Publication/Venue	Key Research Areas	Relevance to Your Work
Privacy preserving security using multi-key homomorphic encryption for facial recognition	Authors	2024	Wiley Expert Systems	Multi-key HE, Facial Recognition	Applicable to your facial recognition anti-spoofing work [10]
A review of homomorphic encryption for privacy-preserving biometrics	W Yang et al.	2023	Monash University	Homomorphic Encryption, Biometric Privacy	Fundamental reference for your HE research [11]
Post-quantum healthcare: A roadmap for cybersecurity	M SaberiKamarposhti et al.	2024	Heliyon (Elsevier)	Post-Quantum Cryptography, Healthcare Security	Relevant to your post-quantum considerations [12]
Biometric Bound Credentials for Age Verification	Authors	2025	arXiv:2509.07465	Zero-Knowledge Biometrics, Credential Systems	Applicable to your biometric credential work [13]
A Technology Review of Zero Knowledge Proof Techniques	SMR Motlagh et al.	2025	SCITEPRESS	ZKP Protocols, Resource-Constrained Environments	Useful for your mobile implementation challenges [14]
A Systematic Review on ZKP Algorithms for Blockchain	Authors	2025	IJCA Online	ZKP Algorithms, Authentication, Identity Management	Comprehensive review for your blockchain research [15]

Key Research Themes Aligned with Your Work

Core Areas Covered:

- **Post-Quantum Cryptography**: Papers addressing quantum-resistant approaches for biometric systems [12] [4]
- **Zero-Knowledge Proofs**: Implementation on mobile devices and circuit optimization [1] [3] [5]
- **Homomorphic Encryption**: Privacy-preserving biometric matching and verification [2] [7] [11]
- **E-Voting Systems**: ZKP-based voting with biometric authentication [6] [15]
- **Multimodal Biometrics**: Face and fingerprint verification with privacy preservation [4] [7] [8]

These papers provide a solid foundation for your literature review, covering both theoretical foundations and practical implementations in your research areas. The recent publication dates

(2022-2025) ensure you have access to the latest developments in post-quantum biometric verification and zero-knowledge proof applications.

⁂

1. education.degree_and_institution
2. interests.cryptography.homomorphic_encryption_and_zkp
3. interests.cryptography.zero_knowledge_proofs_on_mobile
4. interests.cryptography.zkp_and_verification
5. interests.cryptography.zkp_e_voting
6. interests.research.biometrics_multimodal
7. https://onlinelibrary.wiley.com/doi/10.1155/2022/2791058
8. https://arxiv.org/abs/2111.12372
9. https://arxiv.org/html/2408.00243v1
10. https://www.nature.com/articles/s41598-025-89597-7
11. https://pmc.ncbi.nlm.nih.gov/articles/PMC9414062/
12. https://arxiv.org/pdf/2507.09453.pdf
13. https://www.nature.com/articles/s41598-025-95383-2
14. https://www.sciencedirect.com/science/article/abs/pii/S0167404824006151
15. https://www.sciencedirect.com/science/article/pii/S2214212623002624
16. https://onlinelibrary.wiley.com/doi/10.1111/exsy.13645
17. https://research.monash.edu/en/publications/a-review-of-homomorphic-encryption-for-privacy-preserving-biometr
18. https://www.sciencedirect.com/science/article/pii/S2405844024074371
19. https://arxiv.org/html/2509.07465v1
20. https://www.scitepress.org/Papers/2025/132696/132696.pdf
21. https://ijcaonline.org/archives/volume186/number71/a-systematic-review-on-zkp-algorithms-for-blockchain-methods-use-cases-and-challenges/
22. http://www.crdeepjournal.org/wp-content/uploads/2025/01/Vol-12-1-4-GJCR.pdf