



CURRICULUM VITAE

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Biography

Scopus of the Last 5 Years

Silicon quantum dots: surface matter, what next?. Materials Advances, Beri D., 2023

Fabrication of ballpoint-ink via encapsulating inorganic pigments in microemulsion gels. RSC Advances, Beri D., 2022

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Improved photon absorption in dye-functionalized silicon nanocrystals synthesized: Via microwave-assisted hydrosilylation. Dalton Transactions, Beri D., 2020

Experimental Determination of Complex Optical Constants of Air-Stable Inorganic CsPbI₃ Perovskite Thin Films. Physica Status Solidi - Rapid Research Letters, Yan W., 2020

Enhancing Singlet Oxygen Generation in Conjugates of Silicon Nanocrystals and Organic Photosensitizers. Frontiers in Chemistry, Beri D., 2020

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Silicon quantum dots: surface matter, what next?. MATERIALS ADVANCES, , 2023

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Google Scholar of the Last 5 Years

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Pengaruh Penambahan Konsentrasi (NH₂)₂CO Terhadap Karakteristik TiO₂ dan Aktifitas Fotokatalitiknya Dalam Mendegradasi Methylene Blue. Periodic 11 (2), 61-64, 2022, NE Mudia, R Zainul, D Beri, S Aini, 2022

Fabrication of ballpoint-ink via encapsulating inorganic pigments in microemulsion gels. RSC advances 12 (38), 24640-24646, 2022, D Beri, S Budiman, NY Sudiar, A Yusra, E Erianjoni, G Ganefri, A Amran, 2022

Surface functionalization of silicon nanocrystals via a microwave reactor. Dissertation, Karlsruhe, Karlsruher Institut für Technologie (KIT), 2020, 2021, D Beri, 2021

Improved photon absorption in dye-functionalized silicon nanocrystals synthesized via microwave-assisted hydrosilylation. Dalton Transactions 49 (7), 2290-2299, 2020, D Beri, M Jakoby, IA Howard, D Busko, BS Richards, A Turshatov, 2020

Experimental Determination of Complex Optical Constants of Air?Stable Inorganic CsPbI₃ Perovskite Thin Films. physica status solidi (RRL)–Rapid Research Letters, 2020, W Yan, Y Guo, D Beri, S Dottermusch, H Chen, BS Richards, 2020

Enhancing singlet oxygen generation in conjugates of silicon nanocrystals and organic photosensitizers. Frontiers in Chemistry 8, 567, 2020, D Beri, M Jakoby, D Busko, BS Richards, A Turshatov, 2020

Synthesis of High Plqy and Good Stability Silicon Nanocrystal Functionalized Using Microwave-assisted Hidrosilylation. Karlsruhe Institute of Technology, 2020, D Beri, D Busko, BS Richards, A Turhatov, 2020

Research of the Last 5 Years

Destabilitas Asosiasi Amfifil Dari Sistem Surfaktan, Kosurfaktan Dan Air Akibat Penambahan Garam-garam Anorganik. Penelitian Khusus Guru Besar, Leader: Ali Amran, Implementation Year: 2022

Community Service of the Last 5 Years

IPR's of the Last 5 Years

Book of the Last 5 Years

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