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Kişisel Bilgiler

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Araştırma Alanları

Eczacılık, Biyomedikal Mühendisliği, Kimya Mühendisliği ve Teknolojisi , Yaşam Bilimleri

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. **Tailored Synthesis of Iron Oxide Nanocrystals for Formation of Cuboid Mesocrystals**
SORAN ERDEM Z., Sharma V. K. , Hernandez-Martinez P. L. , DEMİR H. V.
ACS OMEGA, cilt.6, sa.31, ss.20351-20360, 2021 (SCI İndekslerine Giren Dergi)
- II. **A new class of cubic SPIONs as a dual-mode T1 and T2 contrast agent for MRI**
Alipour A., Soran-Erdem Z., Utkur M., Sharma V. K. , ALGIN O., Saritas E. U. , Demir H. V.
MAGNETIC RESONANCE IMAGING, cilt.49, ss.16-24, 2018 (SCI İndekslerine Giren Dergi)
- III. **Colloidal Nanocrystals Embedded in Macrocrystals: Methods and Applications**
Adam M., Gaponik N., Eychmueller A., ERDEM T., Soran-Erdem Z., Demir H. V.
JOURNAL OF PHYSICAL CHEMISTRY LETTERS, cilt.7, sa.20, ss.4117-4123, 2016 (SCI İndekslerine Giren Dergi)
- IV. **High-Stability, High-Efficiency Organic Monoliths Made of Oligomer Nanoparticles Wrapped in Organic Matrix**
Soran-Erdem Z., ERDEM T., Gungor K., Pennakalathil J., Tuncel D., Demir H. V.
ACS NANO, cilt.10, sa.5, ss.5333-5339, 2016 (SCI İndekslerine Giren Dergi)
- V. **Fluorescent Heterodoped Nanotetrapods as Synergistically Enhancing Positive and Negative Magnetic Resonance Imaging Contrast Agents**
Sharma V. K. , Alipour A., Soran-Erdem Z., Kelestemur Y., Aykut Z. G. , Demir H. V.
ACS APPLIED MATERIALS & INTERFACES, cilt.8, sa.19, ss.12352-12359, 2016 (SCI İndekslerine Giren Dergi)
- VI. **Excitonic improvement of colloidal nanocrystals in salt powder matrix for quality lighting and color enrichment**
ERDEM T., Soran-Erdem Z., Kelestemur Y., Gaponik N., Demir H. V.
OPTICS EXPRESS, cilt.24, sa.2, 2016 (SCI İndekslerine Giren Dergi)
- VII. **Implementation of High-Quality Warm-White Light-Emitting Diodes by a Model-Experimental Feedback Approach Using Quantum Dot-Salt Mixed Crystals**
Adam M., ERDEM T., Stachowski G. M. , Soran-Erdem Z., Lox J. F. L. , Bauer C., Poppe J., Demir L. V. , Gaponik N., Eychmueller A.
ACS APPLIED MATERIALS & INTERFACES, cilt.7, sa.41, ss.23364-23371, 2015 (SCI İndekslerine Giren Dergi)
- VIII. **Macrocrystals of Colloidal Quantum Dots in Anthracene: Exciton Transfer and Polarized Emission**
Soran-Erdem Z., ERDEM T., Hernandez-Martinez P. L. , Akgul M. Z. , Gaponik N., Demir H. V.
JOURNAL OF PHYSICAL CHEMISTRY LETTERS, cilt.6, sa.9, ss.1767-1772, 2015 (SCI İndekslerine Giren Dergi)
- IX. **Liquid-Liquid Diffusion-Assisted Crystallization: A Fast and Versatile Approach Toward High Quality Mixed Quantum Dot-Salt Crystals**
Adam M., Wang Z., Dubavik A., Stachowski G. M. , Meerbach C., Soran-Erdem Z., Rengers C., Demir H. V. , Gaponik N., Eychmueller A.
ADVANCED FUNCTIONAL MATERIALS, cilt.25, sa.18, ss.2638-2645, 2015 (SCI İndekslerine Giren Dergi)

- X. **Sweet plasmonics: Sucrose macrocrystals of metal nanoparticles**
ERDEM T., Soran-Erdem Z., Hernandez-Martinez P. L. , Sharma V. K. , Akcali H., Akcali I., Gaponik N., Eychmueller A., Demir H. V.
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- XI. **Stable and efficient colour enrichment powders of nonpolar nanocrystals in LiCl**
ERDEM T., Soran-Erdem Z., Sharma V. K. , Kelestemur Y., Adam M., Gaponik N., Demir H. V.
NANOSCALE, cilt.7, sa.42, ss.17611-17616, 2015 (SCI İndekslerine Giren Dergi)
- XII. **Highly monodisperse low-magnetization magnetite nanocubes as simultaneous T-1-T-2 MRI contrast agents**
Sharma V. K. , Alipour A., Soran-Erdem Z., Aykut Z. G. , Demir H. V.
NANOSCALE, cilt.7, sa.23, ss.10519-10526, 2015 (SCI İndekslerine Giren Dergi)
- XIII. **Energy-saving quality road lighting with colloidal quantum dot nanophosphors**
ERDEM T., Kelestemur Y., Soran-Erdem Z., Ji Y., Demir H. V.
NANOPHOTONICS, cilt.3, sa.6, ss.373-381, 2014 (SCI İndekslerine Giren Dergi)
- XIV. **Bioactive self-assembled peptide nanofibers for corneal stroma regeneration**
Uzunalli G., Soran Z., Erkal T. S. , Dagdas Y. S. , Dinc E., HONDUR A. M. , Bilgihan K., AYDIN B., Guler M. O. , Tekinay A. B.
ACTA BIOMATERIALIA, cilt.10, sa.3, ss.1156-1166, 2014 (SCI İndekslerine Giren Dergi)
- XV. **Label-Free Nanometer-Resolution Imaging of Biological Architectures through Surface Enhanced Raman Scattering**
Ayas S., Cinar G., Ozkan A. D. , Soran Z., Ekiz O., Kocaay D., Tomak A., Toren P., Kaya Y., Tunc I., et al.
SCIENTIFIC REPORTS, cilt.3, 2013 (SCI İndekslerine Giren Dergi)
- XVI. **Chitosan scaffolds with BMP-6 loaded alginate microspheres for periodontal tissue engineering**
Soran Z., Aydin R. S. T. , GÜMÜŞDERELİOĞLU M.
JOURNAL OF MICROENCAPSULATION, cilt.29, sa.8, ss.770-780, 2012 (SCI İndekslerine Giren Dergi)

Atıflar

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